

CAPITAL PLANT

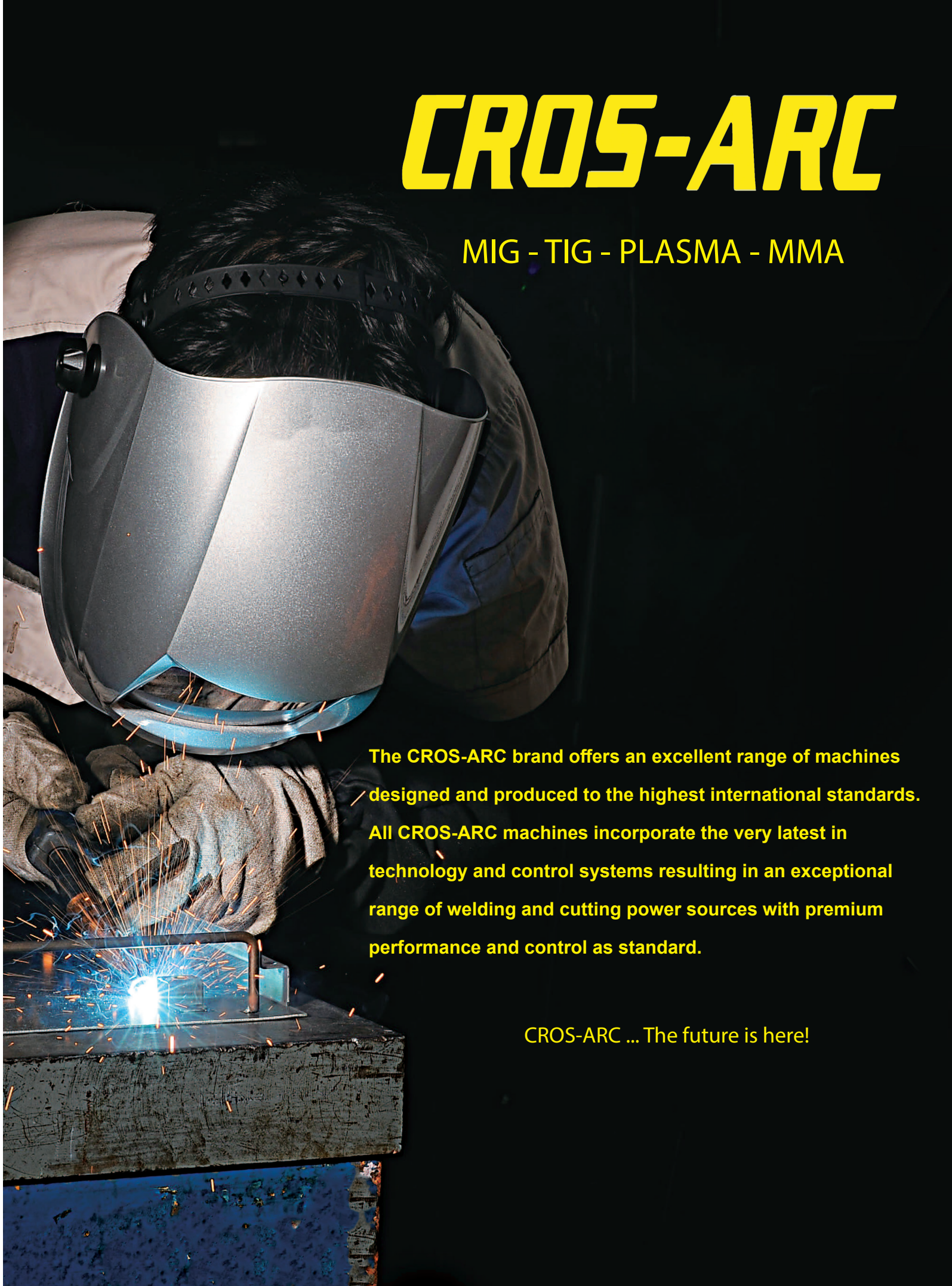


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CROS-ARC

MIG - TIG - PLASMA - MMA



The CROS-ARC brand offers an excellent range of machines designed and produced to the highest international standards. All CROS-ARC machines incorporate the very latest in technology and control systems resulting in an exceptional range of welding and cutting power sources with premium performance and control as standard.

CROS-ARC ... The future is here!

CROS-ARC

MMA



Part No. CAP0255

Package includes: 3 Metre MMA Leads

Option: CROS-ARC Carry case (CAP0022)

MMA 160S

The CROS-ARC MMA 160S is a 230V DC latest technology inverter based power source incorporating electronic amperage control and digital amp meter.

The CROS-ARC MMA 160S is highly portable and is the perfect solution to a wide variety of industries including DIY, maintenance, light fabrication and site installations.

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
MMA Current Range	30- 160A
MMA Duty Cycle @ 60%	140A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	8 KG
Generator friendly	Yes



DUAL
VOLTAGE

Part No. CAP0256

Package includes: 3 Metre MMA Leads

Option: CROS-ARC Carry case (CAP0022)

MMA 160D

The CROS-ARC MMA 160D is a 110/230V dual voltage DC inverter based power source incorporating full electronic amperage control and digital amp meter.

The CROS-ARC MMA 160D is the perfect solution to a wide variety of industries where 110V/230V is required such as DIY, site work, maintenance and light fabrication applications

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	T16
MMA Current Range	30- 160A
MMA Duty Cycle @ 60% (230V)	140A
MMA Duty Cycle @ 60% (110V)	110A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	8 KG
Generator Friendly	Yes

CROS-ARC

MMA



Part No. CAP0257

Package includes: 3 Metre MMA Leads

Option: CROS-ARC Carry case (CAP0022)

MMA 200S

The CROS-ARC MMA200S is a 230V DC Inverter based power source incorporating full electronic amperage control and digital amp meter.

The CROS-ARC MMA200S is the perfect solution for applications where a high welding output and portability are required. These include site work, maintenance and general fabrication applications.

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T25
MMA Current Range	30- 200A
MMA Duty Cycle @ 60%	190A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	10 KG
Generator Friendly	Yes



CROS-ARC Carry case Part No. CAP0022



Part No. CAP0251

Package includes: 3 Metre 150A MIG Torch
Earth Return, Gas Hose

MIG 171C

The CROS-ARC MIG 171C is a 230V single phase power source incorporating electronic control of both voltage and wire feed speed.

The CROS-ARC MIG/MAG 171C is suitable for use with both solid and flux cored wires, making it ideal for use in a wide selection of industries, including DIY, maintenance, light fabrication & automotive repair.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Current Range	30- 130A
Duty Cycle @ 60%	90A
Protection Class	IP21
Weight	30 KG



Part No. CAP0281

Package includes:
Undergear / Cylinder Trolley, 3 Metre 150A
MIG Torch, Earth Return, Gas Hose

AUTO MIG

The CROS-ARC AUTO MIG is a 230V single phase power source incorporating electronic control of both voltage and wire feed speed. It is also fitted with a spot and stitch weld timer.

The CROS-ARC AUTO MIG is suitable for use with both solid and flux cored wires, making it ideal for use in a wide selection of industries, including DIY, maintenance, light fabrication & automotive repair.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Current Range	30- 130A
Duty Cycle @ 60%	90A
Protection Class	IP21
Weight	49 KG



Part No. CAP0253

Package includes: Undergear/ Cylinder carrier,
3 Metre Primary cable, 2 Metre Gas hose,
4 Metre 250A MIG Torch, Earth return,
MMA Lead

201C MIG / MMA

The CROS-ARC 201C MIG/MMA is a 230V latest technology inverter based power source incorporating a dynamic 4 roll wire feed system and full electronic adjustment of all welding parameters.

The CROS-ARC 201C allows welding in both MIG/MAG and MMA, making it ideal for welding in a wide variety of industries including DIY, maintenance, light fabrication and Automotive repair.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Regulation Field in MIG	30- 200A
Regulation Field in MMA	25- 200A
MIG Duty Cycle @ 60%	200A
MMA Duty Cycle @ 60%	200A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	53 KG



Part No. CAP0254

Package includes:
Undergear/ Cylinder carrier,
3 Metre Primary cable, 2 Metre Gas hose,
4 Metre 250A MIG Torch, Earth return,
MMA Lead

291C MIG / MMA

The CROS-ARC 291C MIG/MMA is a 230V latest technology inverter based power source incorporating a dynamic 4 roll wire feed system and full electronic adjustment of all welding parameters.

The CROS-ARC 291C allows welding in both MIG/MAG and MMA, making it ideal for a wide variety of industries including agricultural, light to medium fabrication and Automotive repair.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T30
Regulation Field in MIG	30- 250A
Regulation Field in MMA	25- 250A
MIG Duty Cycle @ 60%	250A
MMA Duty Cycle @ 60%	250A
MMA Electrode Size	1.6 - 5.0mm
Protection Class	IP21
Weight	55 KG



Part No. CAP0264

Package includes: Undergear/ Cylinder carrier, 3 Metre Primary cable, 2 Metre Gas hose, 4 Metre 250A MIG Torch, Earth return, MMA Lead

323C MIG / MMA

The CROS-ARC 323C MIG/MMA is a 415V latest technology inverter based power source incorporating a dynamic 4 roll wire feed system and full electronic adjustment of all welding parameters.

The CROS-ARC 323C allows welding in both MIG/MAG and MMA making it ideal for welding in a wide variety of industries, general fabrication, maintenance and commercial vehicle repair.

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	415V 3Ph
Fuses A	T20
Regulation Field in MIG	30- 300A
Regulation Field in MMA	25- 300A
MIG Duty Cycle @ 60%	300A
MMA Duty Cycle @ 60%	300A
MMA Electrode Size	1.6 - 6.0mm
Protection Class	IP21
Weight	58 KG



Part No. CAP0070

Part No. CAP0071 - 403S WATER COOLED

Package includes: Undergear / Cylinder carrier
4 Roll separate wire feed unit,
1.5 Metre Interconnecting cables,
3 Metre Primary cable, 3 Metre Gas hose,
3 Metre Earth return, 4 Metre 360 MIG Torch

403S MIG

The CROS-ARC 403S is a 415V industrial MIG/MAG power source incorporating a separate 4 roll wire feed unit and digital Volt/ Ampmeter.

The CROS-ARC 403S is the perfect solution to a wide range of industries where power and performance are required.

*Also available in water cooled version.

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	415V 3Ph
Fuses A	T25
Current Range	45- 400A
Voltage Steps	2 x 10
Voltage Range	16.5 - 34
Duty Cycle @ 60%	330A
Protection Class	IP23
Weight	145 KG

Options: Wire feed unit wheel kit (4310001)
Plastic Spool cover (2650008)
5 or 10 Metre interconnecting cables



Part No. CAP0268

Package includes: Undergear/ Cylinder carrier, 3 Metre Primary cable, 2 Metre Gas hose, 3 Metre Earth return, 4 Metre 360A MIG Torch

423C MIG

The CROS-ARC 423C is a 415V industrial MIG/MAG powersource incorporating the latest inverter technology. This exceptional machine benefits from a dynamic 4 roll wire feed system and has full electronic control over all welding parameters.

The Cros-arc 423C is the perfect solution to a wide range of applications where power and performance are essential.

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	415V 3Ph
Fuses A	T24
Regulation Field	50- 400A
MIG Duty Cycle @ 60%	400A
Protection Class	IP21
Weight	65 KG



Part No. CAP0082

Package includes: Undergear / Cylinder carrier
Integral water cooler,
3 Metre Interconnecting cables,
3 Metre Primary cable, 3 Metre Gas hose,
3 Metre Earth return,
4 Metre 500 Water Cooled MIGTorch

503S WATER COOLED MIG

The CROS-ARC 503S is a 415V water cooled industrial MIG/MAG power source incorporating an active 4 roll wire feed system and digital Volt/ Ampmeter.

The CROS-ARC 503S is the perfect solution for a wide variety of industrial applications, where power and performance are essential.

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	415V 3Ph
Fuses A	T35
Current Range	50- 500A
Voltage Steps	3 x 10
Voltage Range	16.5 - 38
Duty Cycle @ 60%	420A
Protection Class	IP23
Weight	180 KG

Options:
5 or 10 Metre interconnecting cables

CROS-ARC

MULTI-FUNCTION



Part No. CAP0252

Package includes:

3 Metre 150A MIG Torch
4 Metre WT17V-12 TIG Torch
3 Metre MMA Leads
2 Metre Gas Hose

201MF MIG/ TIG /MMA

The CROS-ARC 201MF is a latest technology 230V Multi-function inverter based power source incorporating full digital control of all welding parameters.

The CROS-ARC 201MF is fitted as standard with a VRD safety device, making it suitable for use in any working environment. It is ideal for welding a wide variety of materials including mild steel, stainless steel, titanium & copper.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Regulation Field in MIG	30- 200A
Regulation Field in TIG DC	15- 200A
Regulation Field in MMA	40- 200A
Duty Cycle @ 30%	200A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
TIG Ignition	Lift
Weight	13 KG
Generator Friendly	Yes

200 DMF MIG/TIG/MMA

The CROS- ARC 200 DMF Multi-function is a latest technology 110/230V multi function inverter based power source, incorporating a high resolution full function microprocessor control panel. This allows complete control of all welding parameters in all welding processes, MIG, TIG (Lift) and MMA. It is fitted as standard with a VRD safety device, making it suitable for operation in any environment.

The CROS- ARC 200 DMF Multi-function machine is Ideal for welding a wide range of metals including Mild Steel, Stainless Steel, Titanium and Copper.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	T16
Regulation Field	10- 200A
MIG, MMA Duty Cycle @ 25% (230V)	200A
TIG Duty Cycle @ 60% (230V)	125A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	Lift
Weight	14 KG
Generator Friendly	Yes



Part No. CAP0261

Package includes:

3 Metre 250 MIG Torch
4 Metre DGT26-12 TIG Torch
3 Metre MMA Leads
2 Metre Gas Hose

**DUAL
VOLTAGE**

CROS-ARC

MULTI-FUNCTION



Part No. CAP0287

Package includes:

4 Metre 250A MIG Torch
4 Metre WT26-12 TIG Torch
3 Metre MMA Leads
2 Metre Gas Hose

250C Elite MF MIG/ TIG /MMA

The CROS-ARC Elite 250C MF is a latest technology inverter based 230V multi-process power source.

This compact and highly portable machine offers premium quality MIG, TIG (LIFT) and MMA welding with complete electronic control over all welding parameters.

This unique package boasts a highly visible LCD display, Euro torch connection and dynamic 4 roll wire feed system.

The CROS-ARC 250C Elite is the ideal solution for all sectors of industry and offers perfect welding results on a wide variety of materials including mild steels, stainless steels and aluminum.

TECHNICAL SPECIFICATION

Power Supply (+10% /-10%)	110/ 230V 1Ph
Fuses A	T32
Regulation Field	10- 250A
Duty Cycle @ 40% (230V)	250A
MIG/TIG Duty Cycle @ 100% (110V)	140A
MMA Duty Cycle @ 100% (110V)	110A
MMA Electrode Size	1.6 - 5.0mm
Protection Class	IP23
TIG Ignition	Lift
Weight	22 KG
Generator Friendly	Yes

CROS-ARC

DC TIG



DUAL VOLTAGE

Part No. CAP0259

Package includes:

4 Metre DGT26-12 TIG Torch
3 Metre MMA Leads, 2 Metre Gas Hose

Features : Pulse Frequency, High frequency start, LIFT start mode, PULSE, 2T/4T, Start current, Pulse background, Slope up/ down, Pre/Post gas, Suitable for generator, MMA function, ARC force for MMA, Hot start.

200 DC HF TIG

The CROS- ARC 200DC-HF is a latest technology 110/230V inverter based power source, incorporating a full function microprocessor control panel. This allows complete adjustment of all welding parameters including pulse, slope, frequency etc. It is fitted as standard with a VRD safety device, making it suitable for operation in any environment. The CROS- ARC 200DC- HF machine is ideal for welding a wide range of metals including Mild Steel, Stainless Steel, Titanium and Copper.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	T16
Regulation Field	5- 200A
TIG Duty Cycle @ 25% (230V)	200A
TIG Duty Cycle @ 100% (110V)	140A
MMA Duty Cycle @ 100% (230V)	100A
MMA Duty Cycle @ 100% (110V)	110A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	HF / LIFT
Weight	7 KG
Generator Friendly	Yes

400 ELITE DC HF TIG

The CROS-ARC 400 ELITE DC-HF is a latest technology 415v generator compatible inverter based power source, incorporating a full function microprocessor control panel, allowing complete adjustment of all welding parameters including current, pulse, slope and frequency control.

This machine is water cooled as standard and is supplied with a cylinder trolley, torch and earth return. It is the perfect solution for all industrial applications and is ideal for welding a wide variety of materials including Mild Steels, Stainless Steels, Titanium and Copper.

TECHNICAL SPECIFICATION

Power Supply (+10% /-10%)	415V 3Ph
Fuses A	T32
Regulation Field in TIG DC	10- 400A
Regulation Field in MMA	10- 400A
Duty Cycle @ 60%	400A
MMA Electrode Size	1.6 - 6.0mm
Protection Class	IP23
TIG Ignition	HF/ LIFT
Weight	23 KG



Part No. CAP0278

Package includes:

4 Metre SGT18-12 TIG Torch
Trolley, Water cooler
3 Metre Earth Lead, Gas Hose

Option:

Remote Foot Pedal (CAP0280)
MMA Lead

Features : Water cooled, Pulse Frequency= 200Hz, HF start, LIFT start mode, PULSE, 2T/4T, Slope up/ down, Pre/Post gas, Generator compatible, MMA function, ARC force for MMA, Hot start.

CROS-ARC

AC/ DC TIG



Part No. CAP0260

Package includes:

4 Metre DGT26-12 TIG Torch
3 Metre MMA Leads, 2 Metre Gas Hose

Option:

Remote Foot Pedal (CAP0262)

Features : Pulse Frequency, High frequency start, LIFT start mode, PULSE, 2T/4T, Start current, Pulse background, Slope up/ down, Pre/Post gas, Suitable for generator, MMA function, ARC force for MMA, Hot start.

200S AC/DC TIG

The CROS- ARC 200S AC/DC is a latest technology 230V inverter based power source, incorporating a high resolution full function microprocessor control panel. This allows complete adjustment of all welding parameters including pulse, slope, frequency etc. It is fitted as standard with a VRD safety device, making it suitable for operation in any environment. This machine is Ideal for welding a wide range of metals including Mild Steel, Stainless Steels, Aluminium, Titanium and Copper.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Regulation Field in TIG AC / MMA	10- 200A
Regulation Field in TIG DC	5 - 200A
TIG Duty Cycle @ 25%	200A
MMA Duty Cycle @ 100%	100A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	9 KG
Generator Friendly	Yes

200 Elite AC/DC TIG

The CROS-ARC 200 ELITE AC/DC TIG is a latest technology 230v generator compatible inverter based power source, incorporating a full function microprocessor control panel allowing complete adjustment of all welding parameters including current, pulse, slope and frequency control etc.

This machine is the perfect solution for all fabrication and industrial applications and is ideal for welding a wide variety of materials including Mild Steels, Stainless Steels, Aluminium, Titanium and Copper.

TECHNICAL SPECIFICATION

Power Supply (+10% /-10%)	230V 1Ph
Fuses A	T20
Regulation Field in TIG AC / MMA	10-200A
Regulation Field in TIG DC	5 - 200A
TIG Duty Cycle @ 25%	200A
MMA Duty Cycle @ 25%	170A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	21 KG
Generator Friendly	Yes



Part No. CAP0279

Package includes:

4 Metre SGT26-12 TIG Torch
3 Metre Earth Return
2 Metre Gas Hose

Option:

Remote Foot Pedal (CAP0280)
MMA Lead

Features : Max. AC frequency= 250Hz, Max.DC Pulse Frequency= 200Hz, High frequency start, LIFT start mode, PULSE, 2T/4T, Slope up/ down, Pre/Post gas, Suitable for generator, MMA function, ARC force for MMA, Hot start.



Part No. CAP0271

Package includes:
4 Metre SGT18-12 TIG Torch
Trolley, Water cooler
3 Metre Earth Return
2 Metre Gas Hose

Option:
Remote Foot Pedal (CAP0280)
MMA Lead, Remote Control

315W ELITE AC/DC TIG

The CROS-ARC 315W Elite AC/DC is a latest technology 415v generator friendly inverter based power source incorporating a full function micro-processor control panel, allowing complete adjustment of all welding parameters including current, pulse, slope, frequency control and wave form selections. This machine is water cooled as standard and is supplied with a cylinder trolley, torch and earth return. It is the perfect solution for all industrial applications and is ideal for welding a wide variety of materials including Mild Steels, Stainless Steels, Aluminium, Titanium and Copper.

TECHNICAL SPECIFICATION	
Power Supply (+10% /-10%)	415V 3Ph
Fuses A	T25
Regulation Field in TIG AC	10-315A
Regulation Field in TIG DC	5 - 315A
Regulation Field in MMA AC	10- 270A
Regulation Field in MMA DC	5 - 270A
TIG Duty Cycle @ 60%	315A
MMA Duty Cycle @ 70%	270A
MMA Electrode Size	1.6 - 5.0mm
Protection Class	IP23
TIG Ignition	HF/ LIFT
Weight	25 KG

Features :
Water cooled, Max. AC frequency= 250Hz, Max.Pulse Frequency= 200Hz, Pulse width(%) 5-100, HF start, LIFT start mode, PULSE, 2T/4T, AC wave form selections, Remote control, Slope up/ down, Pre/Post gas, Generator compatible, MMA function, AC/DC MMA welding, ARC force for MMA, Hot start.



Part No. CAP0183

Package includes:
4 Metre TP25 Torch
3 Metre Earth Return

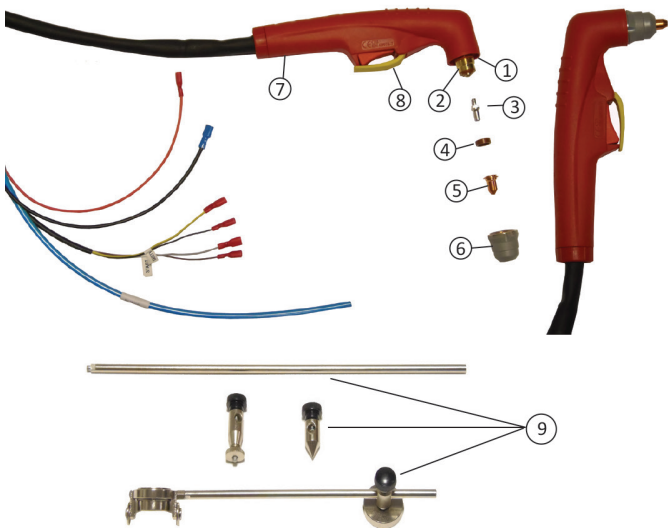
CROS-ARC SITE CUT 10
C/W BUILT IN COMPRESSOR

The CROS-ARC Site Cut 10 Plasma Cutter is a latest technology 230V inverter based power source incorporating electronic cutting control. It uses the latest back strike arc technology minimising the effect on electronic devices.

This machine is ideal for site work applications due to its built in compressor. It offers outstanding cutting performance on a wide variety of materials including steel, stainless steel, aluminium, copper, Titanium and all other metals.

Material	Recommended	Maximum	Severance
Mild Steel	6	10	12
Stainless Steel	6	10	12
Aluminium	6	10	12

TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Duty Cycle @ 40%	25A
Current Range	8- 25A
Protection Class	IP23
Weight	15 KG
Generator Friendly	Yes



TP25 Plasma Torch

Part Number	Description
Z0001AA	Hand Torch 4MTR (Compressor)
1 Z0044AA	Torch Head O ring
2 Z0008AA	Torch Head
3 Z0003AA	Electrode
4 Z0007AA	Diffuser
5 Z0004AA	Tip 0.65 (10 - 20 amps)
Z0005AA	Tip 0.80 (20 - 30 amps)
Z0220AA	Tip 0.90 (40 amps)
6 Z0006AA	Outer Nozzle
7 Z0221AA	Handle Complete
8 Z0222AA	Trigger
9 Z0011AA	Circle Cutting Attachment

CROS-ARC 40NHF PLASMA CUTTER

The CROS-ARC 40NHF Plasma Cutter is a latest technology 230V inverter based power source incorporating electronic cutting control. It uses the latest back strike arc technology minimising the effect on electronic devices.

This machine offers outstanding cutting performance on all materials including steel, stainless steel, aluminium, copper, Titanium and all other metals.

Material	Recommended	Maximum	Severance
Mild Steel	12	15	18
Stainless Steel	10	12	15
Aluminium	10	12	15

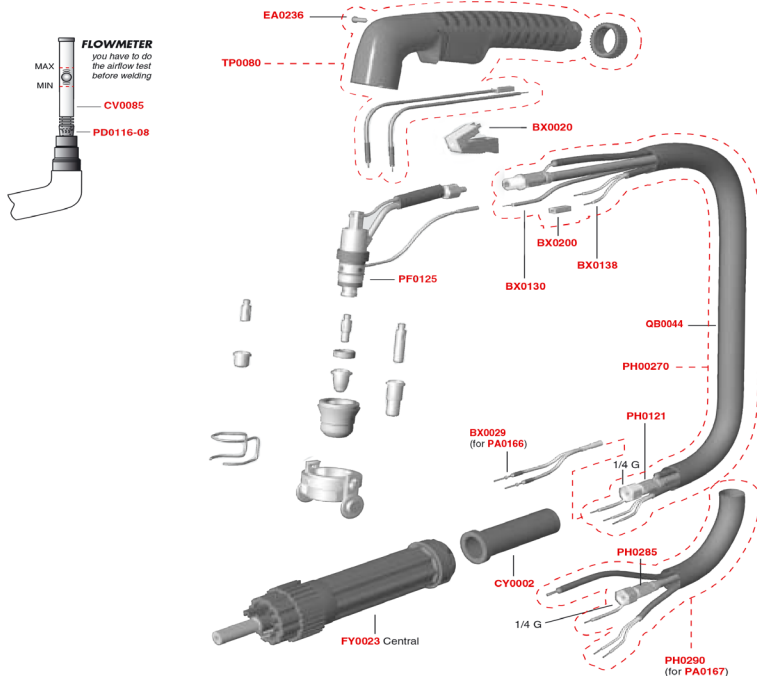
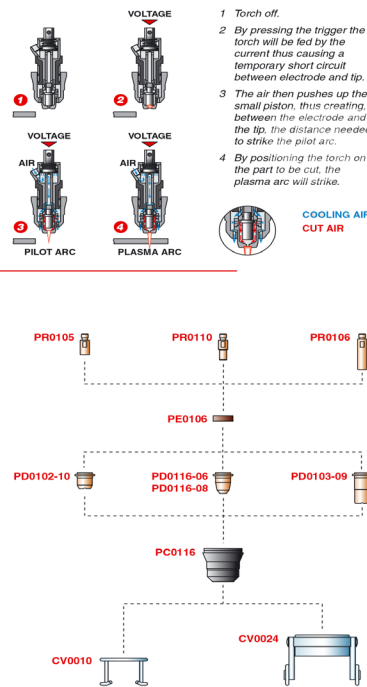
TECHNICAL SPECIFICATION	
Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T25
Duty Cycle @ 60%	40A
Current Range	14- 40A
Operating Pressure	5 Bar
Protection Class	IP21
Weight	12 KG
Generator Compatable	Yes



Part No. CAP0258

Package includes:
4 Metre S45 Genuine Trafimet Torch
3 Metre Earth Return

S45 Plasma Torch



CROS-ARC 40D ELITE PLASMA CUTTER

The CROS-ARC 40D Elite is a latest technology 110v/ 230v generator compatible inverter based power source incorporating electronic current adjustment. It utilises the latest back strike arc ignition technology, making it suitable for use in electronically sensitive areas.

This machine offers exceptional cutting performance on a wide verity of materials including Steels, Stainless Steels, Aluminium and Copper etc.

Voltage	Recommended	Maximum	Severance
230V	12	18	20
110V	6	8	10

TECHNICAL SPECIFICATION	
Power Supply (+10% /-10%)	110/230V 1Ph
Fuses A 230V	T20
Fuse A 110V	T30
Current Range 230V	20- 40
Current Range 110V	20- 30
Duty Cycle @ 40% (230V)	40A
Operating Pressure	4 Bar
Protection Class	IP23S
Weight	13 KG
Generator Friendly	Yes



Part No. CAP0275

Package includes: 6 MTR SCP60 Torch
3 Metre Earth Return

SCP60 Plasma Torch

Description	Part Number
SCP60 6 MTR Plasma Cutting Torch Package	WF-SCP60-60-CC1-WTL

Part Number	Description	Part Number	Description
1 SCP6001	SCP60 70° Torch Head Kit	5 SCP2515	Location Block
2 SCP2514	Plasma Handle Kit	6 SCP6019-60	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	7 SCP2550	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger	8 SCP2508	O Ring

Part No.	Description
A SCP2540	Double Pointed Spacer
B SCP2551	Cutting Buggy
C SCP2530-6	Retaining Cap, 6 holes
SCP2530-6L	Retaining Cap, 6 holes Maximum Life
E SCP2506	Swirl Ring
F SCP2504	Electrode
SCP2504E	Long Electrode

Part No.	Description	BoreØA	Amps
D SCP2520-06	Cutting Tip	0.65mm	10-20A
SCP2520-08	Cutting Tip	0.80mm	20-30A
SCP2520-06E	Cutting Tip Extended	0.65mm	10-20A
SCP2520-08E	Cutting Tip Extended	0.80mm	20-30A
SCP2520-09	Cutting Tip	0.90mm	30-40A
SCP2524-09	Cutting Tip Flat	0.90mm	30-40A
SCP2522-09	Cutting Tip Cross	0.90mm	30-40A
SCP2522-09E	Groove	0.90mm	30-40A
SCP2524-10	Cutting Tip	1.0mm	40-50A

*Please see page 20 for Torch Breakdown



Part No. CAP0276

Package includes:
6 MTR SCP80 Torch
3 Metre Earth Return

CROS-ARC 60 ELITE PLASMA CUTTER

The CROS-ARC 60 Elite is a latest technology 415v generator friendly inverter based power source, incorporating electronic current adjustment. It utilises the latest back strike arc ignition technology, making it suitable for use in electronically sensitive areas.

This machine offers exceptional cutting performance on all materials including Steels, Stainless Steels, Aluminium and Copper etc.

Material	Recommended	Maximum	Severance
Mild steel	20	25	35

TECHNICAL SPECIFICATION	
Power Supply (+10% /-10%)	415V 3Ph
Fuses A	T20
Current Range	20- 60
Duty Cycle @ 100%	60A
Operating Pressure	5 Bar
Protection Class	IP23S
Weight	24 KG
Generator Friendly	Yes



Part No. CAP0277

Package includes: 6 Metre SCP120 Torch,
3 Metre Earth Return
Options: Trolley CAP0302

CROS-ARC 100 ELITE PLASMA CUTTER

The CROS-ARC 100 Elite is a latest technology 415v generator friendly inverter based power source, incorporating electronic current adjustment. It utilises the latest back strike arc ignition technology, making it suitable for use in electronically sensitive areas. This machine offers exceptional cutting performance on all materials including Steels, Stainless Steels, Aluminium and Copper etc.

Material	Recommended	Maximum	Severance
Mild steel	35	45	55

TECHNICAL SPECIFICATION	
Power Supply (+10% /-10%)	415V 3Ph
Fuses A	T32
Current Range	20- 100A
Duty Cycle @ 100%	100A
Operating Pressure	5 Bar
Protection Class	IP23S
Weight	47 KG
Generator Friendly	Yes

SCP80 Plasma Torch

Description	Part Number
SCP80 6 MTR Plasma Cutting Torch Package	WF-SCP80-60-CC1-WTL

Part Number	Description	Part Number	Description
1 SCP8001	SCP80 70° Torch Head Kit	5 SCP8015	Location Block
2 SCP8014C	Plasma Handle Kit	6 SCP8019C-60	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	7 SCP8050	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger	8 SCP2508	O Ring

Part No.	Description	Part No.	Description	BoreØA	Amps
A SCP8043	Shield Cap Gouging	G SCP8020-10	Cutting Tip	1.0mm	40-50A
B SCP8042	Shield Cap Hand	SCP8020-11	Cutting Tip	1.1mm	50-60A
C SCP8040	Double Pointed Spacer	SCP8020-12	Cutting Tip	1.2mm	60-70A
D SCP8051	Cutting Buggy	SCP8020-13	Cutting Tip	1.3mm	70-80A
E SCP8030	Retaining Cap	SCP8022-09	Cutting Tip Cross Groove	0.9mm	30-40A
F SCP8031	Shield Cap Body	SCP8028-16	Gouging Tip	1.6mm	80A
H SCP8006	Swirl Ring	SCP8026-10	Cutting Tip Contact	1.0mm	40-50A
I SCP8004	Electrode	SCP8026-11	Cutting Tip Contact	1.1mm	50-60A
J SCP8002	Cooling Tube	SCP8026-12	Cutting Tip Contact	1.2mm	60-70A
		SCP8026-13	Cutting Tip Contact	1.3mm	70-80A

SCP120 Plasma Torch

Description	Part Number
SCP120 6 MTR Plasma Cutting Torch Package	WF-SCP120-60-CC1-WTL

Part Number	Description	Part Number	Description
1 SCP1201	SCP120 70° Torch Head Kit	5 SCP8015	Location Block
2 SCP8014C	Plasma Handle Kit	6 SCP8019C-60	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	7 SCP1250	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger	8 SCP2508	O Ring

Part No.	Description	Part No.	Description	BoreØA	Amps
A SCP8043	Shield Cap Gouging	G SCP1220-10	Cutting Tip	1.0mm	40-50A
B SCP1241	Shield Cap Hand	SCP1220-11	Cutting Tip	1.1mm	50-60A
C SCP1240	Double Pointed Spacer	SCP1220-12	Cutting Tip	1.2mm	60-70A
D SCP1251	Cutting Buggy	SCP1221-14	Cutting Tip	1.4mm	80-90A
E SCP1231	Retaining Cap	SCP1221-15	Cutting Tip	1.5mm	100-110A
F SCP1232	Shield Cap Body	SCP1221-16	Cutting Tip	1.6mm	110-120A
H SCP1206	Swirl Ring, 6 holes-HD	SCP1222-09	Cutting Tip Contact	0.9mm	30-40A
I SCP1207	Swirl Ring, 4 holes	SCP1228-22	Gouging Tip	2.2mm	120A
J SCP1204	Electrode	SCP1226-10	Cutting Tip Contact	1.0mm	40-50A
		SCP1226-11	Cutting Tip Contact	1.1mm	50-60A
		SCP1226-12	Cutting Tip Contact	1.2mm	60-70A
		SCP1227-14	Cutting Tip Contact	1.4mm	80-90A
		SCP1227-15	Cutting Tip Contact	1.5mm	100-110A
		SCP1227-16	Cutting Tip Contact	1.6mm	110-120A

*Please see page 20 for Torch Breakdown

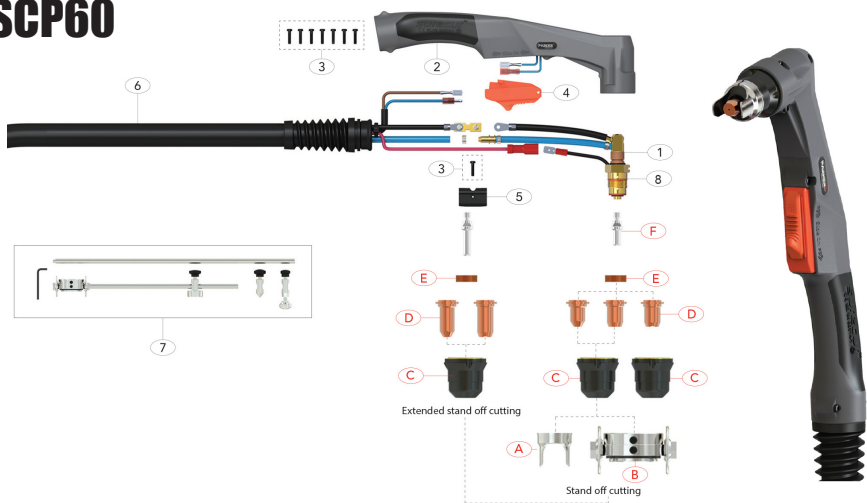
*Please see page 20 for Torch Breakdown

CAPITAL PLANT

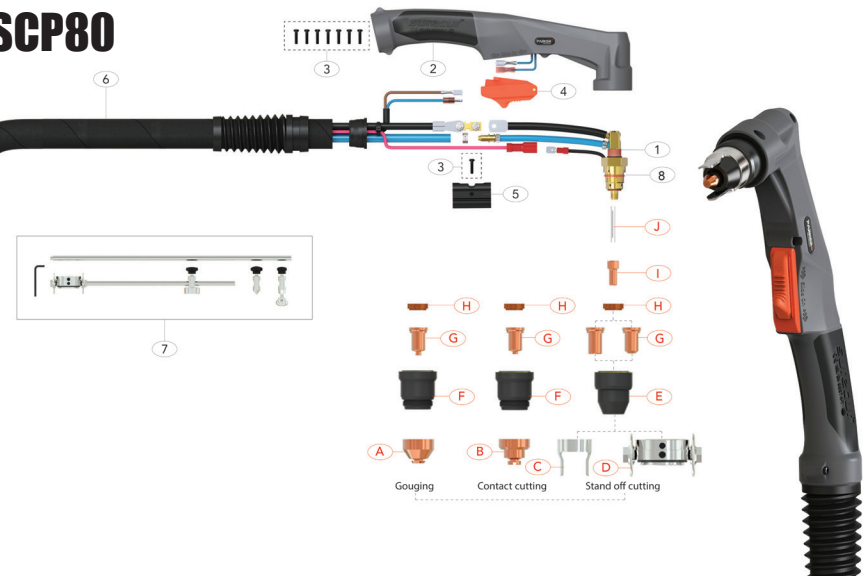
CROS-ARC

PLASMA Torch Breakdown

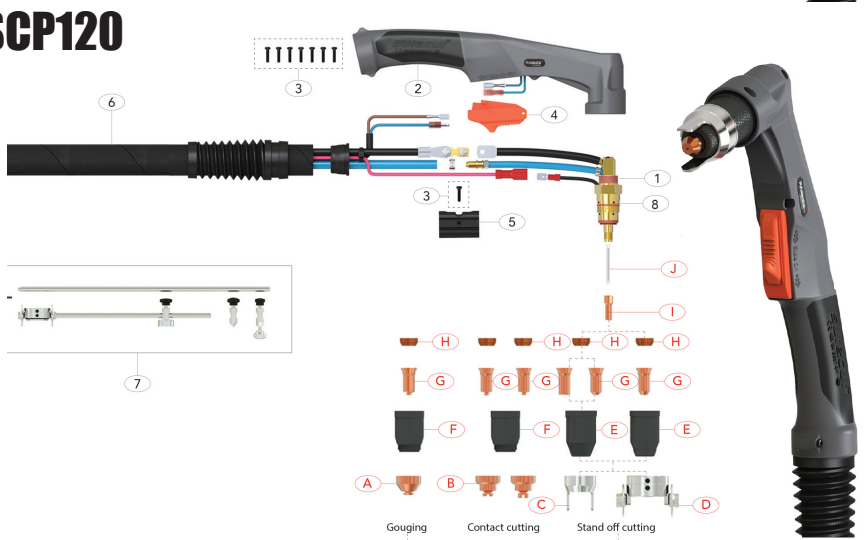
SCP60



SCP80



SCP120



CROS-ARC

STUD WELDER



CD-800 CAPACITOR DISCHARGE STUD WELDER

The CROS-ARC CD-800 is a highly portable 110/230V single phase capacitor discharge stud welder, with the ability to attach up to M8 studs on a wide variety of materials including Steel, Stainless Steel, Aluminium and Brass.

TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	16A
Adjustment	Micro
Stud Range	M3 - M8
Weight	29 KG

*For CD Weld studs please see Page 546

Part No. CAP0263

Package includes:
CD800 Torch
Earth Return Leads

CD-800 CAPACITOR DISCHARGE TORCH BREAKDOWN



Part No.	Description
QM072150	1 Cover for adjustment
QM072151	2 Torch Body
QM072152	3 Torch Holder
QM072153	4 Trigger Blades (2pcs)
QM072130	5 M3 Chuck
QM072131	5 M4 Chuck
QM072132	5 M5 Chuck
QM072133	5 M6 Chuck
QM072134	5 M8 Chuck



Inverter Trolley
Part No. CAP0216

Top Size:
Length: 54cm Width: 31cm
Overall Size:
Length: 85 cm Width: 37cm Height: 77cm



WELDCART Trolley
Part No. CAP0214

Top Size:
Length: 61cm Width: 40cm
Overall Size:
Length: 87 cm Width: 43cm Height: 75cm



WELDCART Water cooling kit
Part No. CAP0215

*Water cooler not included



CROS-ARC Carry case
Part No. CAP0022



WELDFAST
(UK) LTD

Weldfast UK are proud to present the exceptional range of CEBORA welding and cutting products. For over 60 years CEBORA have been developing and introducing highly advanced welding and cutting machines featuring unique designs and industry leading technology.

Today CEBORA is accepted as one of the world's leading manufacturers of Automotive, Industrial and Automation welding and cutting power sources with an unrivalled portfolio of MIG, TIG, MMA and PLASMA Cutting products to suit any application.

"CEBORA QUALITY, IT'S NOT EXPENSIVE, IT'S PRICELESS"



Part No. ART 256

Options:
TIG Torch
Earth Return
MMA Lead

POWER ROD 131

The Cebora Power ROD 131 is a 130 amp 230v DC power source incorporating the very latest generator compatible PFC inverter technology. It allows MMA welding with up to 3.25mm rutile basic electrodes and can perform DC TIG welding utilising the exceptional Cebora LIFT system.

The Power ROD 131 is distinguished by its shockproof casing and eye-catching design. It is a highly portable machine and is ideal for all light fabrication and maintenance applications in Mild and Stainless steels.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field in MMA/ TIG	10-130A
MMA/ TIG Duty Cycle @ 30%	130A
MMA Electrode Size	1.6-3.2MM
Protection Class	IP23S
TIG Ignition	LIFT
Weight	4.5 Kg



Part No. ART 257

Options:
TIG Torch
Earth Return
MMA Lead

POWER ROD 1535

The Cebora Power ROD 1535 is a 150 amp 230v DC power source incorporating the very latest generator compatible PFC inverter technology. It allows MMA welding with up to 4.0mm rutile basic electrodes and can perform DC TIG welding utilising the exceptional Cebora LIFT system.

With its robust design and protection device for connection to incorrect voltage supply, the power ROD 1535 is the perfect solution for all light to medium applications on a wide variety of materials.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field in MMA/ TIG	5-150A
MMA/ TIG Duty Cycle @ 35%	150A
MMA Electrode Size	1.6- 4.0MM
Protection Class	IP23S
TIG Ignition	LIFT
Weight	9 Kg



Part No. ART 261

Options:
TIG Torch, Earth Return, MMA Lead, Remote Control (Art 187)
5 Metre extension cable for ART 187 (ART 1327)
Foot Control Pedal c/w 5 Metre cable (Art 181)
Adaptor to attach foot control & TIG Torch (Art 1180)

POWER ROD 1840

The Cebora Power ROD 1840 is a 180 amp 230v DC power source incorporating the very latest generator compatible PFC inverter technology. It allows MMA welding with up to 4.0mm rutile basic electrodes and can perform DC TIG welding utilising the exceptional Cebora LIFT system.

The flexibility of this industrial power source is complimented by the Hot start and Arc force features allowing for professional adjustment of the welding output and with the possibility to connect a remote current control pendant.

The Cebora power ROD 1840 is the ideal solution for all medium fabrication applications on a wide selection of Mild steel and Stainless steel materials.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field in MMA/ TIG	10-180A
MMA/ TIG Duty Cycle @ 40%	180A
MMA Electrode Size	1.6- 4.0MM
Protection Class	IP23S
TIG Ignition	LIFT
Weight	9 Kg



Part No. ART 328

Options:
TIG Torch, Earth Return, MMA Lead,
Remote Control (Art 187)
5 Metre extension cable for ART 187 (ART 1192)
Foot Control Pedal c/w 5 Metre cable (Art 181)
Trolley (Art 1653)

SOUND MMA 2336/T

The Cebora Sound MMA 2336/T is a 230 amp 400v DC power source incorporating the very latest generator compatible PFC inverter technology. It allows MMA welding with up to 5mm rutile basic electrodes and is suitable for DC TIG and DC PULSED TIG welding utilising the exceptional Cebora LIFT system.

The flexibility of this industrial power source is complimented by the addition of several industrial features including, digital ammeter, Hot Start, Arc Force and the possibility to attach a remote control pendant. The Cebora sound MMA 2336 /T is the perfect solution for all industrial applications on a wide variety of materials.

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T10
Regulation Field in MMA/ TIG	10-230A
MMA/ TIG Duty Cycle @ 35%	230A
MMA Electrode Size	1.6- 5.0MM
Protection Class	IP23S
TIG Ignition	LIFT
Weight	16 Kg



Part No. ART 335

Options :

TIG Torch, Earth Return, MMA Lead,
Remote Control (Art 187)
5 Metre extension cable for ART 187 (ART 1192)
Foot Control Pedal c/w 5 Metre cable (Art 181)
Trolley (Art 1656)

SOUND MMA 3536/T CELL

The Cebora sound MMA 3536/T CELL is a 350 amp 400v DC power source incorporating the very latest generator compatible PFC inverter technology. It allows MMA welding with up to 6mm rods on a wide selection of electrode types including basic rutile, Low Hydrogen and Cellulosic. The machine is also suitable for both DC TIG and DC PULSED TIG welding utilising the exceptional Cebora LIFT system.

The Cebora MMA3536/T CELL is the ultimate DC welding power source and is complimented by the addition of several features including, Hot Start, Arc Force, digital ammeter and the possibility to connect a remote control pendant. This unrivalled DC power source is the perfect answer to high quality premium fabrications in all sectors of industry.

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T16
Regulation Field in MMA/ TIG	10-350A
MMA/ TIG Duty Cycle @ 35%	350A
MMA Electrode Size	1.6- 6.0MM
Protection Class	IP23S
TIG Ignition	LIFT
Weight	26 Kg



Part No. ART 495

Package Includes :

3 Metre MIG Torch,
2 Metre Earth Return

EVO 160M COMBI

The Cebora Evo 160M COMBI is an ultra-reliable 230v compact MIG/MAG power source, featuring the "no gas" facility making it possible to weld with either solid or flux cored wires.

The Evo Combi 160 M is ideal for applications in the DIY, maintenance, automotive and light fabrication industries.

Technical Specification

Power Supply (+10%/-10%)	230V 1Ph
Fuses A	T16
Regulation Field	28-160A
Duty Cycle @ 20%	120A
Protection Class	IP21S
Weight	29 Kg

Features :

2 Roll Feeder
5 Kg Spool Holder
PFC compliant (EN-61000-3-12)



Part No. ART 641

Package includes:

Earth Return

Options :

MIG Torch
GRV8 Water Cooling unit (Art 1680)
Updating kit for software/Synergic programs (ART 136)

EVO 350 TC COMPACT SYNERGIC

The EVO SYNERGIC 350 TC is a technologically advanced compact MIG/MAG welding machine featuring a heavy-duty power source equipped with a robust 4-roll wire feed system. This machine includes a full range of built in synergic programs to suit all materials, the fine tuning of the welding parameters is achieved through the adjustment of the Synergic control.

The exceptional welding characteristics given by this machine allow for welds to be produced to the highest industry standards.

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T25
Regulation Field	35-400A
Duty Cycle @ 40%	350A
Protection Class	IP21S
Weight	95 Kg

Features :

4 roll feeder, Synergic mode, MIG brazing, Hot start, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Pre/ Postgas, Burn back, Adjustable choke, PFC compliant (EN-61000-3-12)



Part No. ART 643/1662

Package includes:
Earth Return

Options :
MIG Torch,
5 Metre Interconnecting cables (Art 1182)
10 Metre Interconnecting cables (Art 1182.20)
GRV8 Water Cooling unit (Art 1680)
Updating kit for software/Synergic programs (ART 136)



Part No. ART 647/ 1662

Package includes:
Earth Return

Options :
MIG Torch
5 Metre Interconnecting cables (Art 1182)
10 Metre Interconnecting cables (Art 1182.20)
GRV8 Water Cooling unit (Art 1680)
Updating kit for software/Synergic programs (ART 136)

EVO 350 TS SYNERGIC

The Cebora EVO SYNERGIC 350TS is a technologically advanced MIG/MAG machine with Synergic control. These exceptional Power sources features a 4 roll wire feed system and built in synergic curves for all popular materials including Mild Steels, Stainless Steels and Aluminium.

Cebora EVO Synergic machines also benefit from a user friendly control panel allowing simple Synergic adjustment of all welding parameters. EVO Synergic machines from Cebora are industrial power sources designed to operate in any industrial fabrication or manufacturing environment.

Technical Specification	
Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T25
Regulation Field	35-400A
Duty Cycle @ 40%	350A
Protection Class	IP21S
Weight	90 Kg

Features :

4 roll feeder, Synergic mode, MIG brazing, Hot start, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Pre/ Postgas, Burn back, Adjustable choke, PFC compliant (EN-61000-3-12)

EVO 450 TS SYNERGIC

The Cebora EVO SYNERGIC 450TS is a technologically advanced MIG/MAG machine with Synergic control. These exceptional Power sources features a 4 roll wire feed system and built in synergic curves for all popular materials including Mild Steels, Stainless Steels and Aluminium.

Cebora EVO Synergic machines also benefit from a user friendly control panel allowing simple Synergic adjustment of all welding parameters. EVO Synergic machines from Cebora are industrial power sources designed to operate in any industrial fabrication or manufacturing environment.

Technical Specification	
Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T32
Regulation Field	40- 500A
Duty Cycle @ 40%	450A
Protection Class	IP21S
Weight	125 Kg

Features :

4 roll feeder, Synergic mode, MIG brazing, Flux cored welding Hot start, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Pre/ Postgas, Burn back, Adjustable choke, PFC compliant (EN-61000-3-12)



Part No. ART 304

Package includes:
Earth Return

Options :
MIG Torch, Trolley (Art1653)
Synergic programme upgarde (Art266)

MONO STAR 1620/M SYNERGIC

The Cebora Mono Star MIG 1620/M SYNERGIC is a latest technology PFC electronic power source featuring synergic control. This highly portable machine offers an excellent range of standard and optional synergic programmes and can accommodate both solid and flux cored wires for a wide variety of welding applications.

The machine benefits from a high-resolution operator friendly LCD control panel giving complete control over all welding parameters. It is the perfect solution for use in the automotive repair, maintenance and light fabrication sectors.

Technical Specification	
Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field	20-160A
Duty Cycle @ 20%	160A
Protection Class	IP23S
Weight	11 Kg

Features :

2 roll feeder, Synergic mode, MIG brazing, Flux cored welding, Hot start, 5 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Burn back, Adjustable inductance, PFC compliant (EN-61000-3-12)



Part No. ART 322

Package Includes :
2 Metre Earth Return

Options:
MIG Torch, Pulse Upgrade (Art238)
4 Metre Air cooled Push Pull Torch (Art2003)
Aluminium Welding Kit (Art 1933)

SYNSTAR 200M SYNERGIC

The Cebora Synstar 200/M inverter based MIG/MAG welding power sources offer the perfect solution to a wide range of applications where Synergic and Pulse Synergic processes are required. These latest technology power sources provide exceptional welding performance and with the flexibility of software upgrade to include Pulse MIG/MAG welding and to connect the Cebora Push-Pull torch system, outstanding results are achieved even when using small diameter Aluminium wires.

The Cebora Synstar200/M is designed for operation in all sectors of industry, including Automotive, light fabrication and general manufacture.

Technical Specification	
Power Supply (+20%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field	20- 200A
MIG Duty Cycle @ 20%	200A
Protection Class	IP23S
Weight	45 Kg

Features :
2 roll feeder, Synergic mode, MIG brazing, Flux cored welding, Ready for Air cooled push pull torch, Hot start, Automatic hot start, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance, PFC compliant (EN-61000-3-12)

SYNSTAR 200T SYNERGIC

The CEBORA SYNSTAR 200 T is a 400v technologically advanced compact power source incorporating the very latest energy efficient inverter technology. This machine features MIG/ MAG PULSE (optional) with complete synergic control allowing the operator simple and efficient control of all welding parameters. The flexibility of this machine can be further enhanced by the connection of the Cebora 2003 push-pull torch, ideal for trouble free wire feeding of small diameter soft wires.

The user friendly LCD panel gives easy access to all the main and background welding parameters. This highly advanced machine benefits from a dynamic 2 roll wire feed system and a selection of popular synergic programs for use on a wide variety of materials.

Technical Specification	
Power Supply (+20%/-20%)	400V 3Ph
Fuses A	T10
Regulation Field	20- 200A
MIG Duty Cycle @ 20%	200A
Protection Class	IP23S
Weight	45 Kg

Features :
2 roll feeder, Synergic mode, Software Updates, MIG brazing, Flux cored welding, Ready for Air cooled push pull torch, Hot start, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance, 3L 3Levels, PFC compliant (EN-61000-3-12)



Part No. ART 324

Package Includes :
2 Metre Earth Return

Options:
MIG Torch, Pulse Upgrade (Art238)
4 Metre air cooled Push Pull Torch (Art2003)
GRV14 Water Cooler (Art1681)

SYNSTAR 270T SYNERGIC

The SYNSTAR 270T is a 400v technologically advanced compact power source incorporating the very latest energy efficient inverter technology. This machine features MIG, MAG PULSE(optional) with complete synergic control allowing the operator simple and efficient control of all welding parameters.

The flexibility of this machine can be further enhanced by the connection of the Cebora 2003 push-pull torch, ideal for trouble free wire feeding of small diameter soft wires. The user friendly LCD panel gives easy access to all the main and background welding parameters. It also benefits from a dynamic 4 roll wire feed system and a selection of popular synergic programs for use on a wide variety of materials.

Technical Specification	
Power Supply (+15%/-20%)	415V 3Ph
Fuses A	T16
Regulation Field	20- 270A
Duty Cycle @ 20%	270A
Protection Class	IP23S
Weight	50 Kg

Features :
4 roll feeder, Synergic mode, MIG brazing, Air cooled push pull torch, Hot start, Automatic hot start, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance, PFC compliant (EN-61000-3-12)

SYNSTAR 330TC SYNERGIC PULSE/DOUBLE PULSE

The SYNSTAR 330 TC is a technologically advanced compact multi process power source incorporating the very latest inverter technology. This machine features pulse, Double PULSE MMA and TIG DC (with lift) as standard and the option to include a water cooler to further enhance the durability. This exceptional power source incorporates a dynamic 4 roll wire drive system and offers complete synergic adjustment for all welding parameters allowing the operator full and accurate control over the selected welding process. It also benefits from a highly visible LCD touch screen display and a comprehensive range of popular synergic programs designed to produce outstanding results on a wide variety of materials in all areas of industry.

Technical Specification	
Power Supply (+15%/-20%)	400V 3Ph
Fuses A	T16
Regulation Field in MIG/ TIG/ MMA	15 - 330A
MIG/ TIG/ MMA Duty Cycle @ 40%	330A
TIG Ignition	LIFT
Protection Class	IP23S
Weight	72 Kg

Features :
4 Roll Feeder, Pulsed MIG Welding, Double Pulsed MIG Welding, Synergic Mode, Software Updates, Ready for Air cooled Push Pull torch, MIG brazing, DC TIG welding, DC MMA welding, 15 kilo spool holder, Hot Start, Suitable for Flux cored wire, 2T/4T, Spot welding, Stitch Welding, Soft Start, Crater Fill, Pre/Post gas, Burnback, Adjustable inductance, 3L three levels, PFC compliant (EN-61000-3-12)



Part No. ART 386

Package Includes :
3 Metre Earth Return

Options:
MIG Torch, TIG Torch,
GRV14 Water cooling unit (Art1681)
4 Metre Air cooled Push Pull Torch (Art2003)
6 Metre Water cooled Push Pull Torch (Art2008)
Upgrade to Pulsed TIG Function (Art234)



Part No. ART 388

Package Includes :
2 Metre Earth Return

Options:
MIG Torch, TIG Torch,
GRV14 Water cooling unit (Art1681)
4 Metre Air cooled Push Pull Torch (Art2003)
6 Metre Water cooled Push Pull Torch (Art2008)
Upgrade to Pulsed TIG Function (Art234)
Wireless Auto-darkening filter for welding Mask (Art434)
Welding Data Logger (Art408)
Welding Data Interface Kit (Art429)
5 Metre Extension lead for data logger (Art2050)

SYNSTAR 330TS SYNERGIC PULSE/DOUBLE PULSE

The SYNSTAR 330TS is a technologically advanced multi process welding system incorporating the very latest in energy efficient inverter technology. This machine features MIG PULSE, MIG double PULSE, MMA and TIG DC (with lift) as standard and the option to include a water cooler to further enhance the durability. It also includes a dynamic 4 roll separate wire drive system offering complete synergic adjustment for all welding parameters allowing the operator full and accurate control over the selected welding process.

This machine benefits from a highly visible LCD touch screen display and a comprehensive range of popular synergic programs designed to produce outstanding results on a wide variety of materials in all areas of industry.

Technical Specification

Power Supply (+15%/-20%)	400V 3Ph
Fuses A	T16
Regulation Field in MIG/ TIG/ MMA	15 - 330A
MIG/ TIG/ MMA Duty Cycle @ 40%	330A
TIG Ignition	LIFT
Protection Class	IP23S
Weight	82 Kg

Features :

4 Roll Feeder, Pulsed MIG Welding, Double Pulsed MIG Welding, Synergic Mode, Software Updates, Ready for Air cooled Push Pull torch, MIG brazing, DC TIG welding, DC MMA welding, 15 kilo spool holder, Hot Start, Suitable for Flux cored wire, 2T/4T, Spot welding, Stitch Welding, Soft Start, Crater Fill, Pre/Post gas, Burnback, Adjustable inductance, 3L three levels, PFC compliant (EN-61000-3-12)



Part No. ART 408

WELDING DATA LOGGER

Welding Data collection and processing, quality control, diagnostic and tracking of machine system.
Only suitable for models ART 318, 319, 320, 386 & 388 machines.

Options:

Data Logger Interface Kit Art 429
5 Metre Extension Lead between power source and data logger Art 202

CEBORA EVO SPEED STAR

The EVO SPEED STAR from Cebora represents the ultimate in energy efficient inverter based multi process power sources, offering a wide selection of professional welding processes to accommodate all sectors of industry. The machines are supplied as standard with the following welding processes, MIG/MAG, MIG Synergic, High Deposit, TIG and MMA, the software can then, if required, be upgraded to include MIG PULSE, MIG double PULSE, TIG PULSE and Double level welding.

EVO SPEED STAR from Cebora are designed to work in any working sector where ultimate quality, performance and reliability are required, these include, aerospace, petrochemical and premium fabrication.



380 TC

Package Includes :
3 Metre Earth Return

Options :
MIG Torch, TIG Torch, Pulse Upgrade for MIG (Art231)
Double Pulse Upgrade for MIG (Art233)
Pulse Upgrade for TIG (Art234)
GRV12 Water Cooler (Art1683)
6 Metre Push Pull Torch Water Cooled (Art2008)
10 Metre Push Pull Torch Water Cooled (ART 2008.10)
Push Pull Interface Kit (ART 106)



380 TS / 520TS

Package Includes :
3 Metre Earth Return
1.5 Metre Interconnecting Cables (Art 1197.10)

Options: MIG Torch, TIG Torch,
5 Metre Interconnecting Cables (Art1197),
10 Metre Interconnecting cables (Art1197.20),
Pulse Upgrade for MIG (Art231),
Double Pulse Upgrade for MIG (Art233)
Pulse Upgrade for TIG (Art234),
GRV12 Water Cooler (Art1683),
6 Metre Push Pull Torch Water Cooled (Art2008),
10 Metre Push Pull Torch Water Cooled (ART 2008.10)
Push Pull Interface Kit (ART 106), HF Unit (Art471)

Technical Specification

	380 TC	380TS	520TS
Part No.	ART 318	ART 319	ART 320
Power Supply (+15%/-20%)	400V 3Ph	400V 3Ph	400V 3Ph
Fuses A	T20	T20	T40
Regulation Field in MIG/ TIG/ MMA	10- 380A	10- 380A	10- 520A
MIG/ TIG Duty Cycle @ 40%	380A	380A	500A
MMA Duty Cycle @ 40%	230A	230A	500A
TIG Ignition	LIFT	LIFT	LIFT
Protection Class	IP23S	IP23S	IP23S
Weight	92 Kg	92 Kg	118 Kg

Features :

4 roll feeder, Flux cored welding, DC TIG welding, DC MMA welding, Synergic mode, MIG brazing, Hot start, Automatic hot start, High deposit function, Root function, 15 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance, PFC compliant (EN-61000-3-12)

POCKET PULSE

The POCKET PULSE MIG WELDER is the latest edition to the unique "pocket series" of welding and cutting machines from CEBORA of Italy. This revolutionary new inverter based power source offers unrivalled PULSE synergic MIG welding in a lightweight portable format from a 230v supply.

This machine sets a new benchmark in portable MIG welding standards and offers the operator unrivalled parameter adjustment and welding performance. The incredible POCKET PULSE MIG WELDER boasts a complete range of PULSE synergic programs for all materials suitable for a wide variety of applications.

Technical Specification

Power Supply (+15%/-15%)	230V 1Ph
Fuses A	T16
Regulation Field	20- 185A
Duty Cycle @ 20%	185A
Protection Class	IP23S
Weight	13.5 Kg

Features :

2 roll feeder, 5Kg spool holder, Pulse MIG welding, MIG Brazing, Synergic mode, Software Updates, Inverbased Power source, Hot start, Suitable for flux cored wire, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance ,3L 3Levels, PFC compliant (EN-61000-3-12)

SOUND MIG 2060/MD STAR DOUBLE PULSE

The Cebora Sound MIG 2060/MD is an inverter based power source incorporating the latest Synergic PULSE and double PULSE technology as standard.

The sound MIG 2060/MD is especially designed for applications within the Automotive and light fabrication industries and has been manufactured to give unrivalled results on all materials, including Aluminium, Stainless Steels and especially suitable for MIG Brazing of Galvanised and High strength materials. The addition of the Cebora Push-Pull torch system gives great flexibility to welding even the thinnest of material.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T20
Regulation Field	15- 200A
Duty Cycle @ 60%	200A
Protection Class	IP23S
Weight	22 Kg

Features :

2 roll feeder, Pulse MIG welding, Double Pulsed MIG welding, Synergic mode, MIG brazing, Ready for Air cooled push pull torch, Hot start, Automatic hot start, 5 kilo spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pregas, Postgas, Burn back, Adjustable inductance, PFC compliant (EN-61000-3-12)



Part No. ART 305

Package Includes :
3 Metre Earth Return

Options: MIG Torch



Part No. ART 301

Package Includes :
3 Metre Earth Return

Options:
MIG Torch
4 Metre Air cooled Push Pull Torch (Art2003)
Kit for 300mm reels (Art114)
Trolley for powersource for use With Art114 (Art1656)

JAGUAR E 200 MD MIG

The Jaguar E 200/ MD represents the very latest evolution of the Jaguar series of 230v inverter based synergic welding machines, allowing the connection of two torches and two materials at the same time.

This machine is supplied with over 34 standard synergic programmes and with the optional PULSE upgrade, this extremely versatile welding machine can accommodate a wide variety of materials including Aluminium, MIG Brazing and High strength steels so is the perfect solution for high quality automotive repair applications.

The Jaguar E 200/MD is supplied with the latest in high resolution microprocessor control systems allowing the operator complete and seamless adjustment of all welding parameters. It has many unique attributes including industry approvals from some of the world's leading vehicle manufacturers.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field	20- 200A
Duty Cycle @ 20%	200A
Protection Class	IP23S
Weight	68 Kg

Features :

2 x 2 roll wire feeders, MIG Brazing, Synergic mode, Software Updates, Ready for Air cooled Push pull torch, Hot start, 15Kg spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance, 3L 3 Levels, PFC compliant (EN-61000-3-12)

JAGUAR SOUND MIG 2060/MD STAR DOUBLE PULSE

The Jaguar sound MIG Star Double PULSE is a technically advanced 230v inverter based synergic welding power source fitted with two wire feed systems allowing two welding torches to be connected at the same time for two different materials. This machine is supplied with over 60 synergic programmes covering a wide variety of materials including Aluminium, MIG Brazing and High strength steels making it the ideal solution for high quality automotive repair applications.

This extremely versatile welding machine comes with an operator friendly electronic control panel allowing full and accurate adjustment over all welding parameters. The Cebora Jaguar Sound MIG 2060/MD has many unique attributes including industry approvals from some of the world's leading vehicle manufacturers.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T20
Regulation Field	15- 200A
Duty Cycle @ 60%	200A
Protection Class	IP23S
Weight	75 Kg

Features :

2 x 2 roll wire feeders, Double Pulse MIG welding, MIG Brazing, Synergic mode, Software Updates, Ready for Air cooled Push pull torch, Hot start, 15Kg spool holder, 2T/4T, Spot welding, Stitch welding, Soft start, Crater fill, Pre/ Postgas, Burn back, Adjustable inductance, 3L 3 Levels, PFC compliant (EN-61000-3-12)



Part No. ART 321

Package Includes :
Earth Return

Options:
MIG Torch, Upgrade to Pulse Function (Art238)
4 Metre Air cooled Push Pull Torch (Art2003)
GRV12 Water cooler (Art1683)



Part No. ART 302

Package Includes :
Earth Return

Options:
MIG Torch
4 Metre Air cooled Push Pull Torch (Art2003)
GRV12 Water cooler (Art1683)



Part No. ART 264

Options:

TIG Torch, Earth Return, MMA Lead, Trolley (Art1653), Remote Control (Art187), Extension cable for remote control (Art1192), Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)



Part No. ART 265

Options:

TIG Torch, Earth Return, MMA Lead, Trolley (Art1653), Remote Control (Art187), Extension cable for remote control (Art1192), Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)

Features :

Max.Pulse Frequency= 500Hz, High frequency start, LIFT start mode, 2T/4T, 2 Level 4 Time Mode, Remote control, Slope up/ Slope down, Post gas, Job mode, Suitable for Generator, MMA function, ARC force for MMA, Hot start, PFC compliant (EN-61000-3-12)

POWER TIG 1640 DC-HF

The Cebora power TIG 1640 DC-HF is a 230v power source incorporating the very latest inverter technology.

The Power TIG 1640 DC-HF is designed for welding a wide selection of materials including Mild Steels, Stainless Steels and Copper.The Cebora Power TIG 1640 DC-HF will accept a foot control or a remote control device adding flexibility to a small professional machine.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field in TIG DC	5- 160A
Regulation Field in MMA	10- 140A
TIG Duty Cycle @ 40%	160A
MMA Duty Cycle @ 30%	140A
MMA Electrode Size	1.6- 3.2mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	10.3 Kg

Features :

High frequency start, LIFT start mode, 2T/4T, Remote control, Slope down, Post gas, Suitabel for Generator, MMA function, ARC force for MMA, Hot start, PFC compliant (EN-61000-3-12)

BI-WELDER TIG 2040 DC-HF

The Cebora BI-Welder TIG 2040 DC-HF is a 115v/230v power source incorporating the latest generator compatible inverter technology. The Cebora BI-Welder TIG 2040 DC-HF benefits from a full function microprocessor control panel allowing complete adjustment of all welding parameters.

The flexibility of this exceptional DC TIG welding machine can be further enhanced with the addition of either a foot control or remote control device making it the perfect solution for a wide selection of applications within the fabrication, and maintenance sectors.

Technical Specification

Power Supply (+15%/-20%)	115/ 230V 1Ph
Fuses A 110V, 230V	T16, T25
Regulation Field in TIG DC 110V	5- 160A
Regulation Field in TIG DC 230V	5- 200A
Regulation Field in MMA 110V	10- 110A
Regulation Field in MMA 230V	10- 140A
TIG Duty Cycle @ 40% 110V, 230V	160A, 200A
MMA Duty Cycle @ 35% 110V, 230V	110A, 140A
MMA Electrode Size	1.6- 3.2mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	12.9 Kg



Part No. ART 360

Options:

TIG Torch, Earth Return, MMA Lead, Trolley (Art1653), Trolley for Water cooling version (Art1656), GR53 Water cooling unit (Art1341), Remote control (Art187), Extension cable for remote control (Art1192) Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)

TIG SOUND DC 2341/T

The Cebora TIG sound DC 2341/T is a 400v DC power source incorporating the latest generator compatible inverter technology. The TIG sound DC2341/T benefits from a full function microprocessor control panel allowing full adjustment of all welding parameters.

The flexibility of this exceptional DC power source can be further enhanced with the addition of water cooler, a remote control pendant or a foot control pedal making it the perfect solution for a wide variety of industrial and fabrication applications.

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T10
Regulation Field in TIG DC	5- 230A
Regulation Field in MMA	10- 210A
TIG Duty Cycle @ 40%	230A
MMA Duty Cycle @ 60%	210A
MMA Electrode Size	1.6- 5.0mm
Protection Class	IP23S
TIG Ignition	HF/LIFT
Weight	16 Kg

Features :

Max.Pulse Frequency=500Hz, High frequency start, LIFT start mode 2T/4T, 3 level TIG program, 2 Level/ 4 Level mode, Spot welding mode, Remote control, Slope up/ Slope down, Pre/ Post gas, Job mode, Ready for manual Plasma console, Suitable for generator, MMA function, ARC force for MMA, Hot start, PFC compliant (EN-61000-3-12)



Part No. ART 362

Options:

TIG Torch, Earth Return, MMA Lead, Remote control (Art187), Extension cable for remote control (Art1192) Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)

TIG SOUND DC 3241/T

The Cebora TIG sound DC 3241/T is a 400v DC power source incorporating the latest generator compatible inverter technology.

The TIG sound 3241/T benefits from a full function microprocessor control panel allowing full adjustment of all welding parameters. It is supplied as standard with a water cooler, and the flexibility of this exceptional DC power source can be further enhanced by the integration of the Cebora Plasma Welding console (ART 476.50) or the addition of either a foot pedal or remote control pendant.

Technical Specification

Power Supply (+15%/-20%)	400V 3Ph
Fuses A	T16
Regulation Field in TIG DC	5- 320A
Regulation Field in MMA	10- 280A
TIG Duty Cycle @ 40%	320A
MMA Duty Cycle @ 40%	280A
MMA Electrode Size	1.6- 6.0mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	80 Kg

Features : Max.Pulse Frequency= 500Hz, High frequency start, LIFT start mode, 2T/4T, 3 level TIG program, 2 Level/ 4 Level mode, Spot welding mode, Remote control, Slope up/ Slope down, Pre/ Post gas, Job mode, Ready for manual Plasma console, Suitable for generator, MMA function, ARC force for MMA, Hot start, PFC compliant (EN-61000-3-12)



Part No. ART 363

Options:

TIG Torch, Earth Return, MMA Lead, Remote control (Art187), Extension cable for remote control (Art1192), Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)

Features : Max.Pulse Frequency= 2500Hz, High frequency start, LIFT start mode, Spot welding mode, 2T/4T, 3 level TIG program, 2 Level 4 Time mode, Remote control, Synergic parameters, Slope up/ down, Pre/ Post gas, Job mode, Ready for TIG cold wire feeder, Ready for automastic plasma welding console, Ready for connection to Robot, Panel lock, Suitable for generator, MMA function, ARC force for MMA, Hot start, Crater current adjustment, USB interface, RS232 interface, PFC compliant (EN-61000-3-12), Firmware update

TIG DC EVO 500/T

The Cebora TIG EVO DC 500/T is a 400v DC power source representing the very latest in industrial energy efficient inverter technology. The TIG DC EVO 500/T benefits from a highly visible and user friendly microprocessor control system allowing for the full adjustment of all welding parameters.

The Cebora TIG DC EVO 500/T is a water cooled DC TIG welding system offering unrivalled quality and performance and can be further enhanced with the integration of the Cebora Plasma Welding console (ART 476.50) and with the addition of a foot pedal or remote control pendant it is the perfect solution for all industrial applications including petrochemical, aerospace and industrial fabrication.

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T32
Regulation Field in TIG DC	5- 500A
Regulation Field in MMA	10- 380A
TIG Duty Cycle @ 60%	500A
MMA Duty Cycle @ 100%	380A
MMA Electrode Size	1.6- 6.0mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	105 Kg



Part No. ART 364

Options:

TIG Torch, Earth Return, MMA Lead, Trolley (Art1653), Remote control (Art187), Extension cable for remote control (Art1192), Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)

Features :

Max.Pulse Frequency= 500Hz, High frequency start, LIFT start mode, Spot welding mode, 2T/4T, Min. set current TIG AC= 5A, Max. AC frequency= 150Hz, AC horizontal balance, Remote control, Slope up/ Slope down, Pre/ Post gas, Suitable for generator, MMA function, ARC force for MMA, Hot start, PFC compliant (EN-61000-3-12)

TIG SOUND AC-DC 1531/M

The Cebora TIG sound AC-DC 1531/M is a highly portable 230v power source incorporating the very latest in energy efficient inverter technology. The TIG sound AC-DC 1531/M is equipped with a clear, user friendly digital control panel offering complete adjustment of all welding parameters including Pulse, frequency control, slope and gas times etc.

The flexibility of this excellent generator compatible power source can be further enhanced by the addition of either a foot control or remote control device making it the ideal solution for a wide range of applications including Maintenance, repair and small production fabrications on all materials.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field in TIG	5- 150A
Regulation Field in MMA	10- 130A
TIG Duty Cycle @ 30%	150A
MMA Duty Cycle @ 30%	130A
MMA Electrode Size	1.6- 3.2mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	18 Kg



Part No. ART 365

Options:

TIG Torch, Earth Return, MMA Lead, GR53 Water cooling unit (Art1341), Trolley (Art1656), Remote control (Art187), Extension cable for remote control (Art1192), Foot Control Pedal (Art193), Adaptor to attach foot control & TIG torch (Art1180)

Features :

Max.Pulse Frequency= 2500Hz, High frequency start, LIFT start mode, 2T/4T, 2 Level 4 Time mode, Min. set current TIG AC= 5A, Max. AC frequency= 150Hz, AC Horizontal balance, Current adjustment, Wave type selections, Remote control, Slope up/ down, Pre/ Post gas, Job mode, Spot welding mode, Crater current adjustment, Interface for cooling unit, Suitable for generator, MMA function, ARC force for MMA, Hot start, RS232 interface, PFC compliant (EN-61000-3-12), Firmware update

TIG SOUND AC-DC 2240/M

The Cebora TIG sound AC-DC2240/M is a highly portable 230v power source incorporating the very latest in energy efficient, generator compatible inverter technology. The TIG sound AC-DC 2240/M is equipped with a clear, user friendly microprocessor control panel allowing the complete adjustment of all welding parameters including, Pulse, frequency control slope and gas times etc.

The Cebora TIG sound AC-DC 2240/M can be further enhanced by the addition of a water cooling unit or either a foot control or remote control pendant making this exceptional TIG welding machine the perfect solution for a wide range of applications in all sectors of industry.

Technical Specification

Power Supply (+15%/-20%)	230V 1Ph
Fuses A	T16
Regulation Field in TIG	5- 220A
Regulation Field in MMA	10- 180A
TIG Duty Cycle @ 40%	220A
MMA Duty Cycle @ 30%	180A
MMA Electrode Size	1.6- 4.0mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	22 Kg

CEBORA TIG AC-DC EVO 260/T - 330/T - 450/T

The Cebora EVO AC-DC TIG welding machines are a range of inverter based power sources incorporating the latest Evolution in electronic inverter technology and manufactured to the highest European standards. The EVO AC-DC TIG welding machines are complimented by the full function microprocessor control panel giving total operator control of all welding parameters including, wave form, pulse, frequency, slope and gas times etc.

These innovative power sources also allow the user to operate in Synergic TIG mode, upon selection of the material, plate thickness and welding position the machine suggests the best welding condition. The flexibility of these premium TIG welding packages can be further enhanced by the addition of either a foot control or remote control device, making these machines ideal solutions for any industrial application on any material.

Water cooling is standard for the EVO 330/T and 450/T but is an optional extra for the 260/T.



260/T



330/T



450/T

260/T Options:

TIG Torch, Earth Return, MMA Lead,
GR12 Water cooling unit (Art1683)
Remote control (Art187),
Extension cable for remote control (Art1192)
Foot Control Pedal (Art193), Adaptor to
attach foot control & TIG torch (Art1180)

330/T & 450/T Options:

TIG Torch, Earth Return, MMA Lead,
Remote control (Art187),
Extension cable for remote control (Art1192)
Foot Control Pedal (Art193), Adaptor to attach
foot control & TIG torch (Art1180)

Technical Specification	260/T	330/T	450/T
Part No.	ART 369	ART 370	ART 371
Power Supply (+10%/-10%)	400V 3Ph	400V 3Ph	400V 3Ph
Fuses A	T10	T20	T25
Regulation Field in TIG	5- 260A	5- 330A	5- 450A
Regulation Field in MMA	10- 210A	10- 330A	10- 360A
TIG Duty Cycle @100%	230A	310A	380A
MMA Duty Cycle	@ 40% 210A	@ 40% 330A	@60% 360A
MMA Electrode Size	1.6- 5.0mm	1.6- 6.0mm	1.6- 6.0mm
Protection Class	IP23S	IP23S	IP23S
TIG Ignition	HF/LIFT	HF/LIFT	HF/LIFT
Weight	65 Kg	96 Kg	136 Kg

Features :

Water cooling, Max.Pulse Frequency= 2500Hz, High frequency start, High frequency start by EVO LIFT, LIFT start mode, Spot welding mode, 2T/4T, 2 Time & 4 Time mode, 3 level TIG program, Min. set current TIG AC= 5A, Max. AC frequency= 150Hz, Current adjustment, Wave type selections, Crater fill, Remote control, Slope up/down, Pre/ Post gas, Job mode, Panel locking, Horizontal balance, AC Vertical balance, Interface for cooling unit, Ready for automatic Plasma console, Ready for hot/cold wire feed unit, Ready for connection to Robot, Mix TIG, Suitable for generator, MMA function, ARC force for MMA, AC/DC MMA welding, Hot start, USB Interface, RS232 interface, PFC compliant (EN-61000-3-12), Firmware update

POWER PLASMA 2025/M

The Cebora Power Plasma 2025/M is a 230v power source incorporating the very latest generator compatible inverter technology. This highly portable plasma cutter allows cutting on all metallic materials utilising the genuine Cebora CP41C hand torch.

The arc is initiated by the "on air" system and benefits from exceptional electromagnetic compatibility making it usable in the vicinity of electronic equipment, computers and PLC etc. The Cebora Power Plasma 2025/M is equipped with a 4-meter hand torch and air regulator and is the ideal solution for a wide range of applications.



Part No. ART 270

Package Includes :

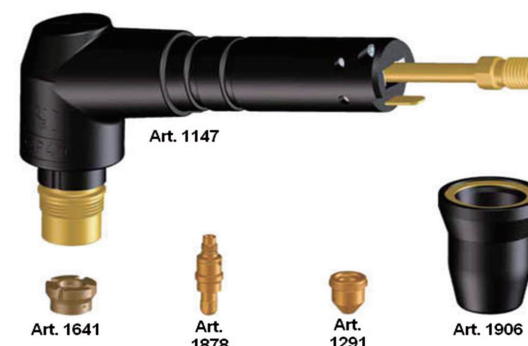
4 Metre Cebora CP41C PLASMA cutting torch (Art 1209)
4 Metre Earth Return

Option:

Trolley (ART1653)

	Recommended	Maximum	Severance
Mild Steel	6mm	8mm	10mm
Technical Specification			
Power Supply (+15%/-20%)	230V 1Ph		
Fuses A	T10		
MMA Duty Cycle @ 25%	20A		
Current Range	5- 20A		
Operating Pressure	3.5 Bar		
Protection Class	IP23S		
Weight	9.4 Kg		
GeneratorFriendly	Yes		

CP41C PLASMA CUTTING TORCH SPARES



Part No.	Description
ART1209	Cebora CP41C MAR hand torch with direct connection. 4 metre long
ART1147	Body for hand torches
ART1291	Ø 0.7 mm nozzles (5 pieces)
ART1878	Electrodes (5 pieces)
ART1641	Swirl rings (2 pieces)
ART1906	Nozzle holder
ART162	Wheeled compasses for CP41C MAR hand torch art. 1209
ART157	Wheeled torch holder. For art. 162



Part No. ART 279

Package Includes :
4 Metre Cebora CP40 PLASMA cutting torch (Art 1206)
4 Metre Earth Return

Options :
Trolley (Art 1653)
6 Metre Profile machine torch (Art 1207)
12 Metre Profile machine torch (Art 1207.20)
Interface kit for machine torch (Art 196)

POWER PLASMA 3035/M

The Cebora Power Plasma 3035/M is a 110v/230v power source incorporating the very latest generator compatible inverter technology. This highly flexible plasma cutter is supplied with the genuine Cebora CP40 hand torch and uses high voltage arc striking, ensuring reliable lighting of the pilot arc and benefits from exceptional electromagnetic compatibility allowing use in the vicinity of computers, PLC and electronic equipment etc.

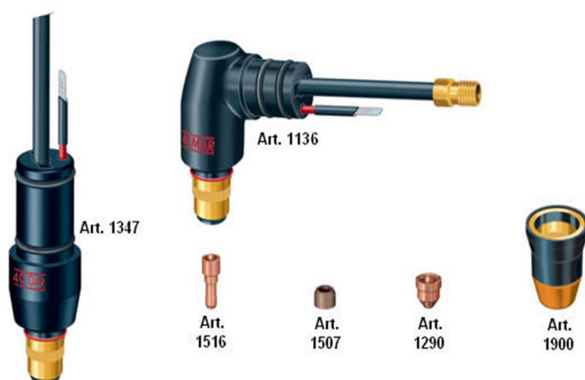
The Cebora power plasma 3035/M is the perfect solution to applications in the automotive, maintenance and light fabrication sectors.

	Recommended	Maximum	Severance
Mild Steel	8mm	12mm	15mm

Technical Specification

Power Supply (+15%/-20%)	110V/230V 1Ph
Fuses A 110V	T32
Fuses A 230V	T16
Duty Cycle @ 35%	30A
Current Range	5- 30A
Operating Pressure	3.5 Bar
Protection Class	IP23S
Weight	13 Kg
Generator Friendly	Yes

CP40 PLASMA CUTTING TORCH SPARES



Part No.	Description
ART1206	Cebora CP40 MAR hand torch with direct connection. 4 metre long
ART1207	Cebora CP40 DAR torch for profile machine, with direct connection. 6 metre long
ART1207.20	Cebora CP40 DAR torch for profile machine, with direct connection. 12 metre long
ART1136	Body for hand torches
ART1347	Body for profile torches
ART1290	Ø 0.7 mm nozzles (5 pieces)
ART1516	Electrodes (5 pieces)
ART1507	Swirl rings (2 pieces)
ART1900	Nozzle holder
ART162	Wheeled compasses for CP40 MAR hand torch Art 1206
ART157	Wheeled torch holder. For Art 162



Part No. ART 359

Package Includes :
6 Metre Cebora CP101 Plasma cutting torch (Art 1220)
6 Metre Earth Return

Options :
Trolley (Art 1656)
12 Metre CP101 Plasma cutting torch (Art 1220.20)
6 Metre CP161 Profile machine torch (Art 1231)
12 Metre CP161 Profile machine torch (Art 1231.20)
Interface kit for Machine torch (Art 196)

POWER PLASMA 6061/T

The Cebora Power Plasma 6061/T is a 400v power source incorporating the very latest generator compatible inverter technology. This excellent industrial plasma cutter allows cutting on all metallic materials and is supplied with the genuine Cebora CP101 hand torch and benefits from high electromagnetic compatibility allowing use in electronically sensitive areas.

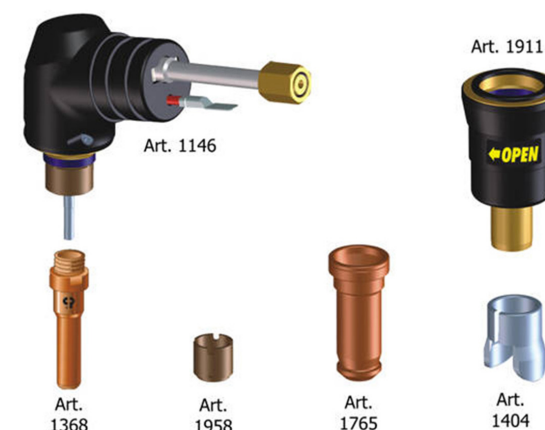
This technologically advanced power source is the ideal solution for a wide selection of industrial and fabrication applications.

	Recommended	Maximum	Severance
Mild Steel	20mm	25mm	30mm

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T10
Duty Cycle @ 60%	60A
Current Range	20- 60A
Operating Pressure	5 Bar
Protection Class	IP23S
Weight	26 Kg
Generator Friendly	Yes

CP101 PLASMA CUTTING TORCH SPARES



Part No.	Description
ART1220	Cebora CP101 MAR hand torch with central adaptor. 6 metre long
ART1220.20	Cebora CP101 MAR hand torch with central adaptor. 12 metre long
ART1146	Body for hand torches
ART1765	Ø 1.2 mm nozzles (5 pieces). Can be used between 20 and 60 Amp.
ART1368	Electrodes (5 pieces)
ART1958	Swirl rings (2 pieces)
ART1911	Nozzle holder
ART1404	Spacing bushes with 2 points (3 pieces)
ART163	Wheeled compasses for CP101 MAR hand torches art. 1220 - 1220.20
ART153	Wheeled torch holder for CP101 MAR torches art. 1220 - 1220.20



Part No. ART 361

Package Includes :

6 Metre Cebora CP161 Plasma cutting torch (Art 1230)
6 Metre Earth Return

Options :

Wheel Kit (Art 1670)
12 Metre CP161 Plasma cutting torch (Art 1230.20)
6 Metre CP161 Profile machine torch (Art 1231)
12 Metre CP161 Profile machine torch (Art 1231.20)
Interface kit for Machine torch (Art 196)

PLASMA SOUND PC 10051/T

The Cebora Plasma Sound PC 10051/T is a 400v power source incorporating the very latest generator compatible inverter technology. This impressive industrial plasma cutter is supplied with the genuine Cebora CP161 hand torch allowing cutting on all metallic materials and benefits from high electromagnetic compatibility making it usable in the vicinity of sensitive electronic systems.

The Cebora plasma sound PC 10051/T is a highly efficient industrial power source and is the perfect solution to all heavy duty industrial applications.

	Recommended	Maximum	Severance
Mild Steel	30mm	35mm	40mm

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T20
Duty Cycle @ 50%	100A
Current Range	20- 100A
Operating Pressure	5 Bar
Protection Class	IP23S
Weight	34 Kg
Generator Friendly	Yes



Part No. ART 957

Package Includes :

6 Metre Earth Return

Options :

6 Metre CP161 Plasma cutting torch (Art 1230)
12 Metre CP161 Plasma cutting torch (Art 1230.20)
6 Metre CP161 Profile machine torch (Art 1231)
12 Metre CP161 Profile machine torch (Art 1231.20)
Interface kit for Machine torch (Art 108)

PLASMA PROF 163 ACC

The Cebora Plasma Prof 163 ACC is a highly efficient power source incorporating the very latest "chopper" technology. The remarkable Cebora plasma Prof 163 ACC is supplied with the genuine Cebora CP161 hand torch. The power source also benefits from an exceptional duty cycle (160 amps @ 40%) and can be utilised for both hand held and automation applications.

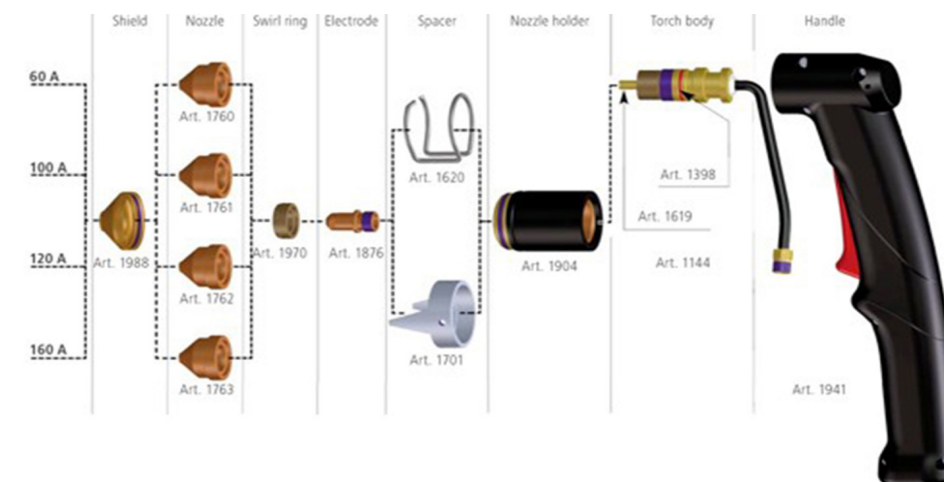
The Cebora Plasma Prof 163 ACC plasma cutter is an unrivalled machine and allows a wide range of cutting and gouging applications in all industrial sectors.

	Recommended	Maximum	Severance
Mild Steel	40mm	45mm	50mm

Technical Specification

Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T40
Duty Cycle @ 40%	160A
Current Range	20- 160A
Operating Pressure	5 Bar
Protection Class	IP21S
Weight	140 Kg
Suitable for Gouging	Yes

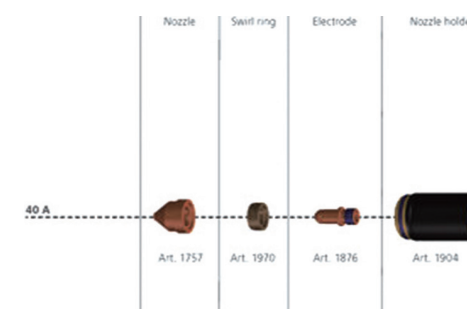
CP161 PLASMA CUTTING TORCH SPARES - For Manual Cutting



Part No.	Description - Manual Cutting
ART1904	Nozzle Holder
ART1970	Swirl Ring
ART1619	Brass Cooling Pipes (5 pieces)
ART1620	Spacing springs (5 pieces)
ART1701	Spacing bushes with 2 points (3 pieces)
ART407	Wheeled compasses for hand torches
ART406	Wheeled torch holder

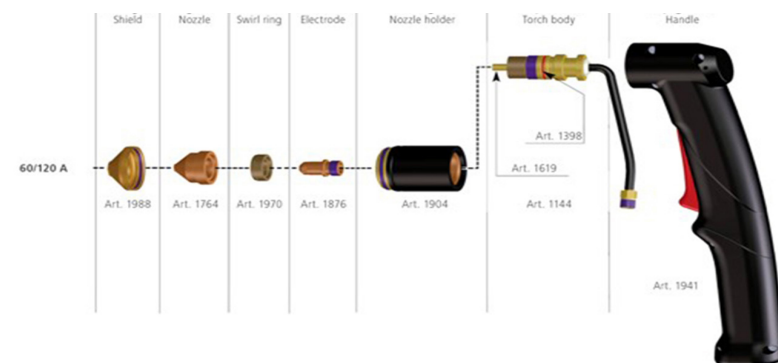
Part No.	Description - Manual Cutting
ART1230	Cebora CP161 MAR hand torch with central adaptor. 6 metre long
ART1230.20	Cebora CP161 MAR hand torch with central adaptor. 12 metre long
ART1144	Body for hand torches
ART1941	Handle assy
ART1398	O-rings (5 pieces)
ART1760	Ø 1.2 mm nozzles (5 pieces). Can be used between 40 and 60 Amp
ART1761	Ø 1.4 mm nozzles (5 pieces). Can be used between 60 and 100 Amp
ART1762	Ø 1.6 mm nozzles (5 pieces). Can be used between 100 and 120 Amp
ART1763	Ø 1.8 mm nozzles (5 pieces). Can be used between 120 and 160 Amp
ART1988	Shield
ART1876	Electrodes (5 pieces). Can be used between 20 and 160 Amp

CP161 PLASMA CUTTING TORCH SPARES - For Contact Cutting



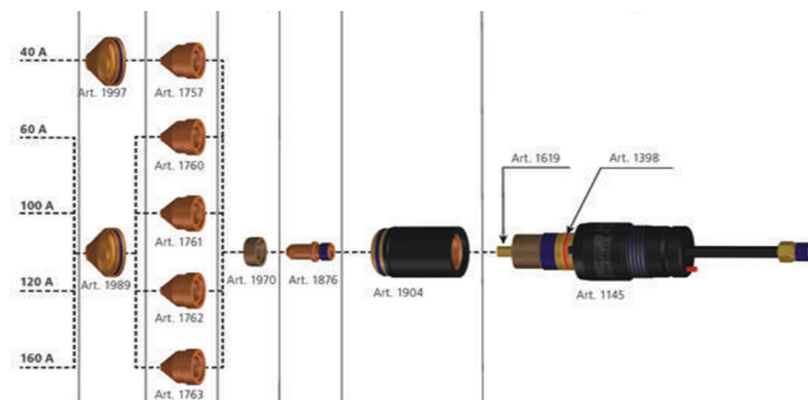
Part No.	Description - Contact Cutting
ART1757	Ø 0.8 mm nozzles (5 pieces). Can be used between 20- 40 Amp. For thin sheet metal (0.5- 1.2 mm thickness)
ART1876	Electrodes (5 pieces). Can be used between 20-160 Amp
ART1904	Nozzle holder
ART1970	Swirl-Ring
ART1619	Brass cooling pipes (5 pieces)

CP161 PLASMA CUTTING TORCH SPARES - For Gouging



Part No.	Description
ART1144	Body for hand torches
ART1941	Handle assy
ART1398	O-rings (5 pieces)
ART1764	Ø 3 mm nozzles (5 pieces). For gouging.
ART1988	Shield
ART1876	Electrodes (5 pieces). Can be used between 20 and 160 Amp
ART1904	Nozzle holder
ART1970	Swirl-Ring
ART1619	Brass cooling pipes (5 pieces)

CP161 PLASMA CUTTING TORCH SPARES - For Automated Cutting



Part No.	Description
ART1229	Cebora CP161 DAR torch for profile machine, with central adaptor. 4 m long (12 ft) Shielded. For HV 14 unit (art. 481). To be compulsorily coupled with art108.
ART1231	Cebora CP161 DAR torch for profile machine with central adaptor. 6 m long (18 ft) Shielded.
ART1231.20	Cebora CP161 DAR torch for profile machine with central adaptor. 12 m long (36 ft) Shielded.
ART1145	Body for torches for profile machine
ART1398	O-rings (5 pieces)
ART1757	Ø 0.8 mm nozzles (5 pieces). Can be used between 20 and 40 Amp. For thin sheet metal (0.5 - 1.2 mm thickness).
ART1760	Ø 1.2 mm nozzles (5 pieces) Can be used between 20 & 40 Amp

Part No.	Description
ART1761	Ø 1.4 mm nozzles (5 pieces). Can be used between 60 and 100 Amp
ART1762	Ø 1.6 mm nozzles (5 pieces). Can be used between 100 and 120 Amp
ART1763	Ø 1.8 mm nozzles (5 pieces). Can be used between 120 and 160 Amp
ART1989,1997	Shield
ART1876	Electrodes (5 pieces). Can be used between 20 and 160 Amp
ART1904	Nozzle holder
ART1970	Swirl-Ring
ART1619	Brass cooling pipes (5 pieces)

PLASMA SOUND PC 130/T



Part No. ART 337

Package Includes :

6 Metre Cebora CP162C Plasma cutting torch (Art 1631)
6 Metre Earth Return

Options :

15 Metre CP162C Plasma cutting torch (Art 1631.15)
6 Metre CP162C Profile machine torch (Art 1632)
12 Metre CP162C Profile machine torch (Art 1632.20)
Trolley (Art 1656)

The Cebora Plasma Sound PC130T is a 400v power source incorporating the very latest generator compatible inverter technology. This excellent industrial plasma cutter allows cutting on all metallic materials and can readily be connected to an automated system. This machine is also supplied with the genuine Cebora CP162C hand torch and benefits from high electromagnetic compatibility allowing use in electronically sensitive areas.

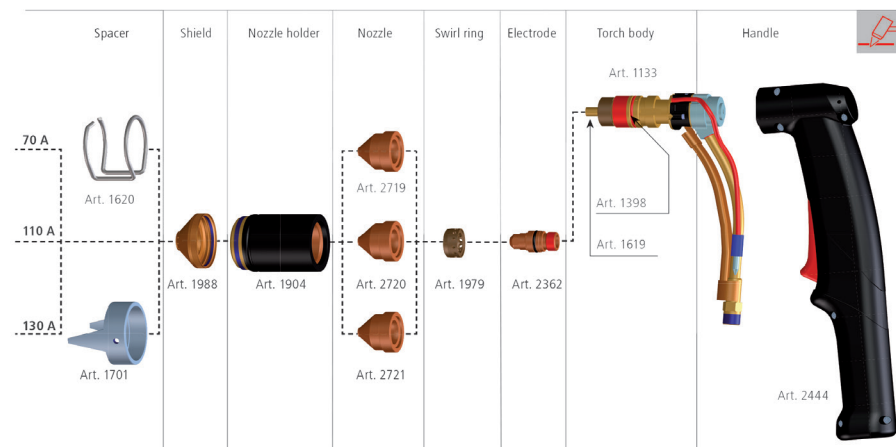
The Plasma Sound PC130/T represents the very latest in plasma cutting innovation and is supplied with a highly visible LCD microprocessor for full adjustment of all parameters.

This technologically advanced power source is the ideal solution for a wide selection of industrial and fabrication applications.

	Recommended	Maximum	Severance
Mild Steel	40mm	50mm	60mm

Technical Specification	
Power Supply (+10%/-10%)	400V 3Ph
Fuses A	T32
Duty Cycle @ 100%	125A
Current Range	20- 130A
Operating Pressure	5 .5 Bar
Protection Class	IP23S
Weight	40 Kg
Generator Friendly	Yes

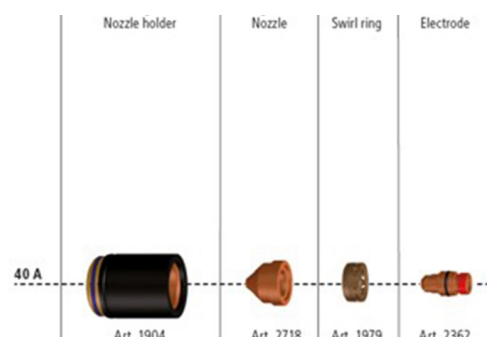
CP162C PLASMA CUTTING TORCH SPARES - For Manual Cutting



Part No.	Description - Manual Cutting
ART1133	Body for hand torches
ART2444	Handle assy
ART1398	O-rings (5 pieces)
ART2719	Ø 1.35 mm nozzles (5 pieces). Can be used between 51- 70 Amp
ART2720	Ø 1.5 mm nozzles (5 pieces). Can be used between 71- 110 Amp
ART2721	Ø 1.65 mm nozzles (5 pieces). Can be used between 111- 130 Amp
ART1988	Shield

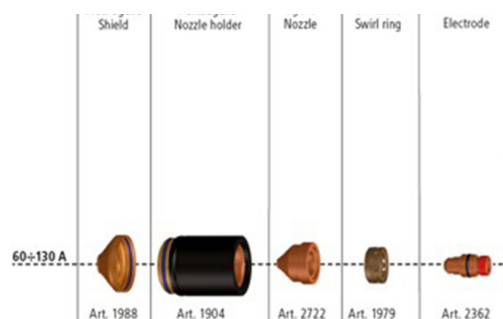
Part No.	Description - Manual Cutting
ART2362	Electrodes (5 pieces). Can be used between 20- 130 Amp
ART1904	Nozzle holder
ART1979	Swirl-Ring
ART1619	Brass cooling pipes (5 pieces)
ART1620	Spacing Springs (5 pieces)
ART1701	Spacing bushes with 2 points (3 pieces)
ART407	Wheeled compasses for hand torches
ART406	Wheeled torch holder

CP162C PLASMA CUTTING TORCH SPARES - For Contact Cutting



Part No.	Description - Contact Cutting
ART2718	Ø 0.9 mm nozzles (5 pieces). Can be used between 20- 50 Amp
ART2362	Electrodes (5 pieces). Can be used between 20- 130 Amp
ART1904	Nozzle Holder
ART1979	Swirl Ring

CP162C PLASMA CUTTING TORCH SPARES - For Gouging



Part No.	Description - For Gouging
ART2722	Ø 3.1 mm nozzles (5 pieces). For Gouging
ART1988	Shield
ART2362	Electrodes (5 pieces). Can be used between 20- 130 Amp
ART1904	Nozzle Holder
ART1979	Swirl Ring

SPOT 2500

The Cebora Spot 2500 is a compact 230/ 400v power source ideal for applications in the automotive repair industry. The Cebora Spot 2500 utilises a digital panel with synchronous control and electronic adjustment allowing the operator to select an extensive range of studs, rivets and washers for single or multiple pulling repairs on steel, galvanised and High strength materials.

This machine is complemented by the large number of manufacturers approvals and is the perfect solution for rapid panel repair in the automotive sector.

Technical Specification	
Power Supply (+10%/-10%)	230V / 400V 1Ph
Fuses A	T10
Current Range	3000A Max.
Protection Class	IP23S
Weight	30 Kg

Options :

Trolley (Art 1653)
Sliding hammer with hand grip (Art 2290)
Hammer Head for washer traction (Art 2293)
Hammer Head for Pin extraction (Art2295)
Spot weld electrode for 3mm & 5mm rivets (Art 2296)
Spot weld electrode for washers (Art 2297)
Spot weld electrode for M4 screws and 2mm & 2.5mm Pins (Art 2298)



Part No. ART 2148.18 (230V) Part No. ART 2148 (400V)

Package Includes :
2 Metre Earth Return
2.5 Metre cable with Spot Gun
Multi-purpose slide hammer
Box of assorted accessories

POWER SPOT 5700

The Power Spot 5700 Aluminium is a latest technology 110v/ 230v capacitor discharge stud welder. The technical features of this machine offer the ideal solution for applications within the high quality automotive repair industry. This exceptional machine allows the fixing of studs, washers and rivets up to M8 diameter on wide variety of materials including Aluminium, Stainless steels, high strength steels and galvanised steels etc. This machine produces unrivalled mechanical and cosmetic results and benefits from an intuitive, operator friendly LCD control panel giving access to the full range of parameter adjustment features.

The Power Spot 5700 is complemented by the large number of leading vehicle manufacturers approvals.

Technical Specification	
Power Supply (+10%/-10%)	110V / 230V 1Ph
Fuses A	T16 / T10
Stud Range	M3 - M8
Protection Class	IP23S
Weight	15 Kg

Options :

Trolley (Art 1653), 3 Pin Spacer (Art 2334)
M3 Stud Holder (Art 2343), M4 Stud Holder (Art 2344)
M5 Stud Holder (Art 2345), M6 Stud Holder (Art 2346)
M8 Stud Holder (Art 2348)



Part No. ART 2156

Package Includes :
Stud Gun
Double Earth Return

WELD TURN

POSITIONERS



Weldturn BY-10 (240V)
Part No. CAP0500

WELDTURN BY10 is a 10Kg light duty positioner designed for lighter work pieces. The rotation is driven by a DC motor with a switch for clockwise & anti-clockwise rotation with stepless speed regulation. This machines comes complete with a 65mm quick release chuck and foot control pedal.

BY10 Technical Specifications	
Rotation Speed	2 - 10 RPM
Capacity (Horizontal)	10 Kg
Capacity (Vertical)	5 Kg
Tilt Angle	0 - 90°
Tilt Mode	Manual
Foot Pedal	Stop / Start
Table Diameter	180 mm
Height, Width, Length	370 x 270 x 215mm
Chuck (CAP0511)	65mm Chuck included

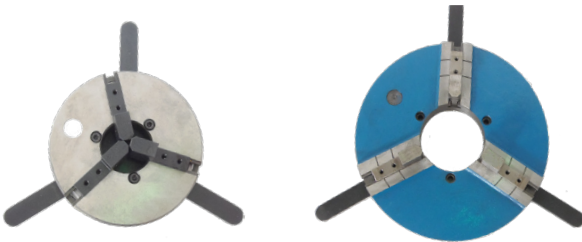
BY50 / BY100 / BY300

WELDTURN BY50, BY100 & BY300 are inverter controlled positioners supplied with a stop/start foot control pedal. The front panel includes an on off switch, forward/ reverse switch & speed control knob. The turntables enables the positioning to any angle between horizontal & 90° by the use of the hand wheel which drives the worm gear.

All internal gears are made from hardened steel for high performance, the lock off device prevents the table being knocked off angle. The table has 6 machined slots 75mm x 12mm (BY50) / 86mm x 13mm (BY100) / 115mm x 15mm (BY300) for mounting of jigs or a quick release chuck (See options). The table is also scored every 25mm with a circular mark to assist in the setting up of jobs. Our smaller turn tables (BY50/100) are anti-electromagnetic, which reduces interference of Tig welding HF.



Optional:
Adjustable Torch Support (BY50-100-TSH)
Fits both BY50 & BY100 Turntables.



* Please note the turntable, control box & foot pedal are included, all other items are optional extras

BY50 Technical Specifications

WELDTURN BY50-110V	CAP0501
WELDTURN BY50-240V	CAP0502
Rotation Speed	1 - 7 RPM
Capacity (Horizontal)	50 Kg
Capacity (Vertical)	25 Kg
Tilt Angle	0 - 90°
Tilt Mode	Hand wheel (Worm Gear)
Gear Box	Double Reduction
Foot Pedal	Stop / Start
Protection	HF Interference
Table Diameter	315 mm
Max. Welding Current	350 Amp @ 60%
Height	375 mm
Width	430 mm
Length	430 mm

BY300 Technical Specifications

WELDTURN BY300-110V	CAP0505
WELDTURN BY300-240V	CAP0506
Rotation Speed	0.3 - 2.5 RPM
Capacity (Horizontal)	300 Kg
Capacity (Vertical)	150 Kg
Tilt Angle	0 - 90°
Tilt Mode	Hand wheel (Worm Gear)
Gear Box	Double Reduction
Foot Pedal	Stop / Start
Protection	HF Interference
Table Diameter	450 mm
Max. Welding Current	450 Amp @ 60%
Height	510 mm
Width	500 mm
Length	500 mm

BY100 Technical Specifications

WELDTURN BY100-110V	CAP0503
WELDTURN BY100-240V	CAP0504
Rotation Speed	1 - 7 RPM
Capacity (Horizontal)	100 Kg
Capacity (Vertical)	50 Kg
Tilt Angle	0 - 90°
Tilt Mode	Hand wheel (Worm Gear)
Gear Box	Double Reduction
Foot Pedal	Stop / Start
Protection	HF Interference
Table Diameter	345 mm
Max. Welding Current	450 Amp @ 60%
Height	415 mm
Width	470 mm
Length	500 mm

Optional chucks

D-200 (CAP0512) For BY50 / BY100

Clamp Range Diameter	5 - 200mm
Centre Hole Diameter	65 mm

D-300 (CAP0513) For BY300

Clamp Range Diameter	80 - 280mm
Centre Hole Diameter	100 mm



NHTR-1000 Pipe Rotators



NHTR-1000 Technical Specifications

WELDTURN NHTR-1000-110V	CAP0508
Turning Capacity	1000 Kg
Load Capacity	1000 Kg
Diameter Range	Ø20-700mm
Control	Foot Pedal
Height	390 mm
Width	470 mm
Length	520 mm

WELDTURN NHTR-1000 Pipe Rotators are designed for welding and cutting of elongated work pieces. Its compact, simple and light structure adapts to various working environments. The special wheel design increases the application diameter of the workpiece and the Polyurethane rollers are non skid, heat & wear resistant. Equipped with manual control box which can control the rotating speed, on/off, forward/reverse in real-time.

Industrial Pipe Rotators



High quality, industrial in-house manufactured 1, 2.5 & 5 tonne conventional welding rotators are made ready to order. Specific variation designs and models are available upon request.



Industrial Equipment Hire



Hire services available for column boom welding manipulators, positioners & pipe rotators.

water cooling units

WELDCOOL Dual Voltage Vertical Cooler



Technical Specifications	
WELDCOOL Dual Voltage 110-220V Vertical Cooler	CAP0212
Input Voltage	110V / 220V 50 / 60/Hz
Flow Rate	8.5L / Min
Tank	6.5L
Height	600 mm
Width	260 mm
Length	360 mm (incl. tank)
Pump Material	Stainless Steel
Motor	270W
Flow Switch	Yes

WELDCOOL Dual Voltage Horizontal Cooler



Technical Specifications	
WELDCOOL Dual Voltage 110-220V Horizontal Cooler	CAP0213
Input Voltage	110V / 220V 50 / 60/Hz
Flow Rate	8.5L / Min
Tank	6.5L
Height	250 mm
Width	335 mm
Length	640 mm (incl. tank)
Pump Material	Stainless Steel
Motor	270W
Flow Switch	Yes

Torch Coolants

Specially formulated for use in Plasma cutting & Welding torches, MIG & TIG Torches & Water coolers. Lubricates rotating gears, low dielectric conductivity, anti-corrosion and compatible with plastic materials.



ESAB Coolant
Protects down to -12°C
10 Litre
Part No. 046572002



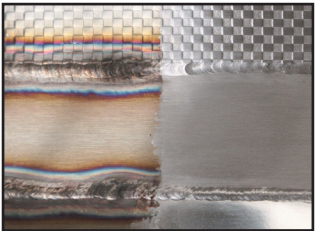
SACIT Coolant
Protects down to -20°C
10 Litre
Part No. UT1000157



electrolytic weld Cleaners

- Key Features:
- › Designed, Developed & Manufactured in Australia.
 - › Fast, Easy, one step cleaning & passivation.
 - › Compact, rugged, acid resistant and easily portable.
 - › Works on stainless, brass & bronze, after heat tinting of, TIG, MIG or Spark Welding. Also allows electro-polishing, mark or brush electro-plate the same metals.
 - › Defined and precise application.

*Full list of spares & consumables available upon request.



Before After



WB700 Brush Cleaning Station
230V Part No. CAP0515

Applications: TIG, MIG, MMA
The WB700 is ideal for the harshest of welds in any situation running at 71A.

- Features :**
- › Pickling & Passivation
 - › Electro Polishing
 - › Etching
 - › Electro Plating



Optional Etching Kit
CAP0516



WB500 Brush Cleaning Station
230V Part No. CAP0548
110V Part No. CAP0549

Applications: TIG, MIG, MMA
The WB500 is suitable to clean MIG, TIG and MMA welds with ease running at 56A.

- Features :**
- › Pickling & Passivation
 - › Electro Polishing
 - › Etching



WB300 Brush Cleaning Station
230V Part No. CAP0547

Applications: TIG
WB300 running at 45A makes short work of TIG welds and discolouration.

- Features :**
- › Pickling & Passivation
 - › Etching

All Packages Include: Powersource, 3 Brushes, 0.5 Litre SCL255 Cleaning Fluid, Cleaning Wand and Earth Lead.



Before After

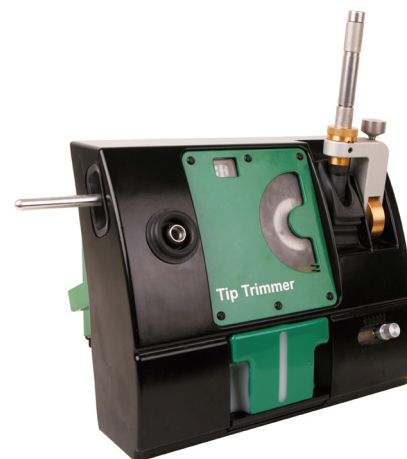
Free Weldbrush Demo available upon request. Please contact your sales representative or call Weldfast sales office.

Tip Trimmer tungsten grinder with intergrated cutter

Key Features:

- Safe, Precise longitudinal grinding of electrodes for the best results.
- Easy, safe disposal of hazardous grinding dust in the replaceable cartridge.
- Exact digital angle adjustment for quick reference and repeatable accuracy.
- No external or additional exhaust system needed.

Technical Specification	
Part No.	CAP0557
Power Supply (Dual Voltage)	110/ 240V
Speed	10.000 Rpm
Grinding Speed	60 m/s
Electrodes	1.2-4.8mm
Diamond wheel	ø 100mm
Protection Class	IP 21
Weight (Kg)	12.8



The grinding angle is shown in the digital readout.



Unique design to enable the lifetime of the diamond wheel to be tripled.



The waste container is easy removed from the front.



TIP-TRIMMER is able to cut and grind electrodes as short as 10mm in length.

NEUTRIX Portable tungsten grinding machine

Key Features:

- Easy to use, Portable tungsten grinder.
- Combined electrode positioning and locking device.
- Grinding electrode as short as 8mm
- Integrated exhaustion with a replaceable dust filter.
- Eccentric plate triples the use of the diamond wheel
- Accurate grinding for precise repeatable angles.
- Strong, portable case makes NEUTRIX ideal for working on site.
- CE Marked and is manufatcured to meet all EU regulations.



Technical Specification	
Model No. 115V	CAP0555
Model No. 230V	CAP0556
Motor	850W
Rpm	28000
Diamond wheel	ø 40mm
Protection Class	IP 21
Weight (Kg)	2.8



purge chamber

Flexible Purge Chamber Kit

The patented CK Flexible Purge Chamber is used in the TIG process to provide a completely inert atmosphere for the welding of reactive metals such as titanium, molybdenum, nickel-based and aluminum-based alloys, as well as non-reactive metals like stainless steel. Unique to this design is the ability to draw a vacuum around the part by collapsing the chamber. The chamber is then filled through a perforated hose that encircles the bottom of the chamber. This filling process allows the argon gas to expel all atmospheric gases more effectively (through the top valve port) than traditional filling methods. This significantly reduces the time required to reach an inert atmosphere suitable for welding, while using considerably less gas than traditional rigid purge chambers.

Benefits:

- Less argon required
- Compact, easily stored and portable
- Multiple accessory & glove ports
- Cost efficient
- Less time to fill
- Vacum drawn
- Facilitates welding grade atmosphere
- 30" (76.8cm) diameter



Technical Specification	
Height	20" (51.2cm)
Width	30" (76.8cm)
Weight	21.3 Kg
Zipper length	60" (153.6cm)
Standard size	30" (76.8) Dia 24" (61.4cm) Base



Package includes:

- 115V Vacuum pump (220V available)
- 2 Work stations
- 4 Accessory ports
- 10ft. (3m) Argon hose
- Repair kit
- Dual flowmeter/ regulator
- 2 Sets of gloves
- Heat blanket
- 10ft. (3m) Vacuum hose
- Storage container

Part No. CAP0554

Fred MINI VAC II

Compact Welding Fume Extractor



The MINI-VAC II is the industry's most powerful, reliable, and convenient to use portable fume extractor - now with high/low modes for maximum performance. The dual motor design allows the welder to switch on just one motor for typical light duty work, and switch on a second motor for more demanding applications.

The ability to switch between high and low modes empowers the operator choose between a higher capture range and less time spent re-positioning with two motors running and a quieter running, lower capture range with one motor running.

Welding in the field or confined spaces requires a portable fume extractor that people will actually use.

Benefits:

- Protect your breathing zone by filtering harmful weld fumes with high efficiency nanofiber technology
- Meet and exceed North American safety standards, including OSHA, for weld fume capture-at-source

Features:

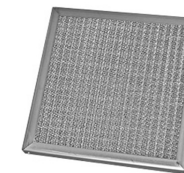
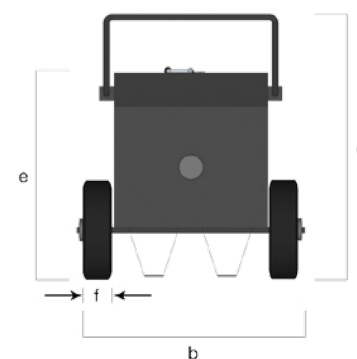
- Designed for light-medium duty welding
- Attaches quickly to MiG Fume Extraction Guns
- Lightweight, exceptionally portable design
- Nanofiber MERV 15 Filter Cartridge
- Magnetic nozzle base for secure nozzle placement
- Filter service indicator

Options:

- HEPA primary filter – 99.97% @ 0.3 micron
- Spunbond Polyester Filter Cartridge (washable)
- Auto on/off Fume Extraction Gun Kit



WELDING • GRINDING • SANDING • DEBURRING



Pre-filter



Fume Torch Option

NANOTECH XV



MERV 15 efficient cartridge filter captures particles at the submicron level, and soft surface-loading technology allows dust to be easily dislodged during cleaning with compressed air.

EFFICIENCY:	MERV 15
FILTER MEDIA:	NANOFIBER
MEDIA AREA:	55 SQ.FT.
COATING:	FIRE RETARDANT
END CAP:	OPEN/CLOSED
CLEANING METHOD:	COMPRESSED AIR
MAX TEMP:	180° F / 82° C
FLANGE:	NONE

*Other Filters Available on Request

TECHNICAL SPECIFICATIONS

Model	Motor (HP)	Airflow (CFM)	Input Power				Net Weight (lbs)	Noise @ 5ft (dB)
			Volts	Phase	Hz	Amps		
CAP0230	1.0HP X 2	105/210	110	1	50	16	48	68/77
CAP0231	1.0HP X 2	105/210	240	1	50	16	48	68/77

DIMENSIONS	Cord Length (ft.)	Hose Length (ft.)	Product Dimensions (in.)					Shipping Dimensions (in.)			Gross Weight (lbs.)
			Width (b)	Height (c)	Length (d)	(e)	(f)	Length	width	Height	
	6	10	16.5	18.5	35.5	16	1.5	48	42	26	136

FILTERS

CAP0240	Nano-Fibre Filter for standard welding applications	Other Filters Available on Request.
CAP0241	Mesh Pre Filter	

FUME TORCHES

MZ-6960004	RGA-152G 4 Metre Fume Torch
MZ-6970004	RGA-252G 4 Metre Fume Torch
MZ-6980004	RGA-362G 4 Metre Fume Torch
MZ-6990204	RGA-505W 4 Metre Water-Cooled Fume Torch
CAP0242	1.5" x 2" Fume MIG Gun adaptor

SPARES

CAP0243	10ft x 2" Hose
CAP0244	2" - 6" suction nozzle
CAP0245	Magnetic base with bracket
CAP0246	Cuff for 2" Hose



Fred JR
with 10' capture arm
1200 - 1800 CFM

Fred^{JR} **FUME EXTRACTOR** Portable Smoke, Dust & Fume Extractor

Keeping your worker's breathing zone safe requires a capture-at-source extractor they will actually use. Designed to be moved and positioned effortlessly, the Fred JR excels at removing weld fumes, dusts, and other airborne contaminants as small as 0.5 micron with our MERV 15 rated Nanofiber filter.

The capture arm's external articulation is key to easy positioning, as smoke and dust passes through the machine without contacting the swivel and pivot points of the arm. The high suction and capture velocity developed by the Fred JR allows operators to capture and filter dust and fumes further away from the hood than competitive models.

Benefits:

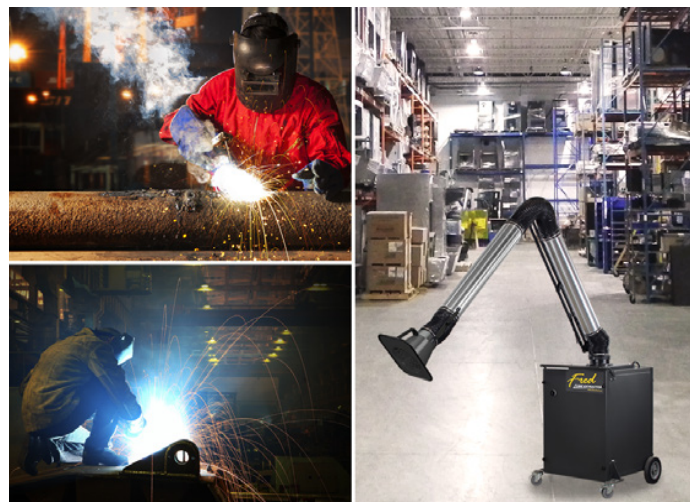
- Compact, portable, 120 volt, single phase
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling weld fumes

Features:

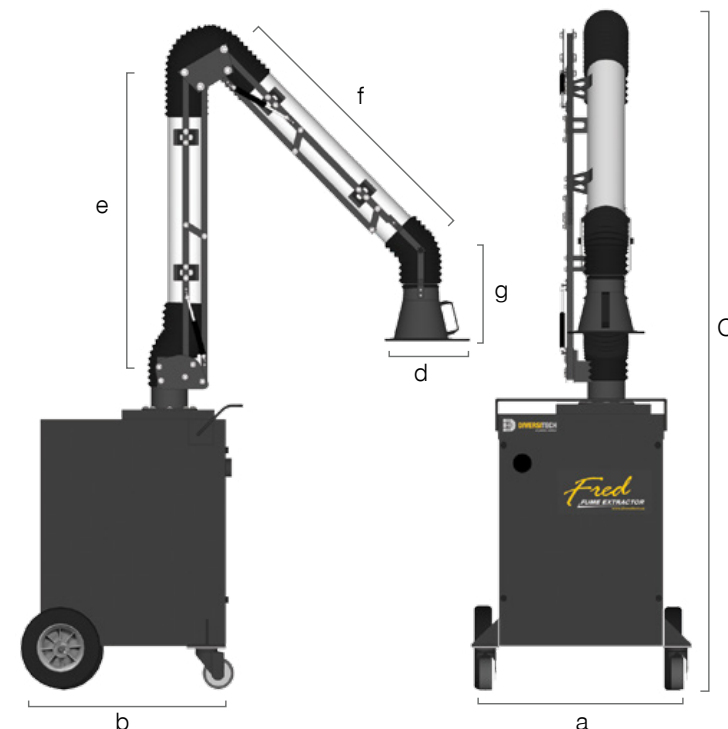
- Flexible 10' externally articulated capture arm
- 1.5HP TEFC motor producing 1200 CFM at the hood.
- 26" easy-to-service Nanofiber filter (MERV 15)
- Rotary starter with 15' power cord & castors

Options:

- Flexible externally articulated capture arm 6.5', 10', or 13'
- Automatic self-positioning, Fume Tracker™ capture arm
- 3.0 HP 1800 CFM High-Static Motor [230/460/575V 3PH]
- Odor Absorption Kits
- Minihelic Gauge
- Spunbond Polyester Filter Cartridge (washable)
- After-filter module, with HEPA Filter
- Hood mounted LED light kit



WELDING • GRINDING • SANDING • DEBURRING



*Other Filters Available on Request

TECHNICAL SPECIFICATIONS

Model	Motor (HP)	Power		Airflow (CFM)	Cord Length (ft)	Arm Length (ft)
		Phase (hz)	@120V (amps)			
CAP0232 FRED-JR (110V)	1.5	1P/50Hz	13.2	1200	15	10/13

DIMENSIONS

Arm Length (ft)	Arm Diameter (in)	Net Weight (lbs)	Product Dimensions (in.)							Shipping Dimensions (in.)			Gross Weight (lbs.)
			Width (a)	Height (c)	Length (b)	(d)	(e)	(f)	(g)	Length	width	Height	
10	6	287	32.5	115	33	13	60	34	18.5	50	41	80	337

FILTERS

CAP0223	Nano-Fibre Filter for Standard welding applications
SPARES	
CAP0236	10ft Arm
CAP0237	13ft Arm
CAP0238	LED Light Kit
CAP0247	6" Capture Hood

Fred ECO

Wall Mounted Smoke, Dust & Fume Extractor



The FRED-ECO offers a simple, affordable, and easy-to-install fume extraction & filtration kit for everyday applications. The 10' flexible capture arm on the Fred ECO is externally articulated, making operator repositioning & maintenance easy.

The kit includes a 120V rotary motor starter that can be conveniently mounted close to the operator's working area. Once properly positioned, smoke, dust, and other airborne contaminants are safely captured before reaching the operator's respiratory zone. For applications where the extraction arm needs to be mounted further away from the blower, the remote mounting kit is a popular option.

The high-efficiency 26" filter collects submicron welding fumes before returning air to the facility. By capturing, cleaning, and recycling contaminated air, the FRED-ECO works as a heat recovery device, helping you keep energy costs down.

Benefits:

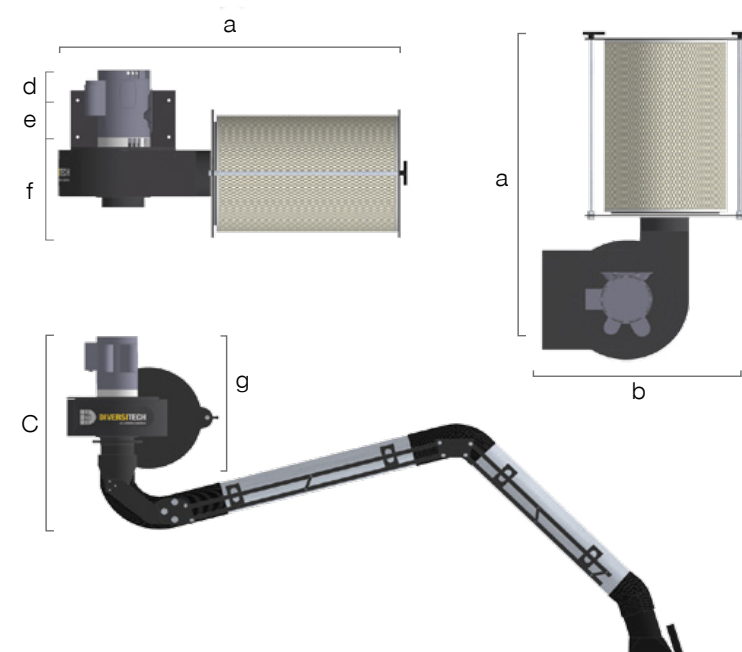
- Easy-to-install, easy-to-operate
- Capture-at-source for Cleaner Air
- Complies with OSHA guidelines for controlling weld fumes

Features:

- 1.5HP TEFC, 1200 CFM blower with a pre-installed bracket
- 26" re-useable cartridge filter (MERV 15)
- 10' x 6" diameter externally articulated extractor arm
- Rotary Starter [120 VAC] with 15' Power Cord included

Options:

- Flexible externally articulated capture arm 6.5', 10', or 13'
- Automatic self-positioning, Fume Tracker™ capture arm
- 3.0 HP 1800 CFM High-Static Motor [230/460/575V 3PH]
- Extension boom, 5' or 10'
- Spunbond Polyester Filter Cartridge (washable)
- Hood mounted LED light kit



*Other Filters Available on Request

TECHNICAL SPECIFICATIONS

Model	Motor (HP)	Power		Airflow (CFM)	Cord Length (ft)	Arm Length (ft)
		Phase (hz)	@120V (amps)			
CAP0234 FRED-ECO (110V)	1.5	1P/50Hz	13.2	1200	15	10/13

DIMENSIONS

Arm Length (ft)	Arm Diameter (in)	Net Weight (lbs)	Product Dimensions (in.)							Shipping Dimensions (in.)			Gross Weight (lbs.)
			Width (a)	Height (c)	Length (b)	(d)	(e)	(f)	(g)	Length	width	Height	
10	6	160	25"+26 filter	35	27	4	5.5	11.5	21	46	46	50	205

FILTERS

CAP0223	Nano-Fibre Filter for Standard welding applications
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WELDING • GRINDING • SANDING • DEBURRING

AIR COMPRESSORS



Start 015
Part no. CAP0024



Pole Position L20
Part no. CAP0025



Montecarlo L30P
Part no. CAP0026



Pro A39B 150 FT3
Part no. CAP0027



Pro A39B 150 FM3
Part no. CAP0028



Pro B5900 200 FT3
Part no. CAP0029

Technical Specification						
Model No.	Start 015	Pole position L20	Montecarlo L30P	Pro A39B 150 FT3	Pro A39B 150 FM3	Pro B5900 200 FT3
Part No.	CAP0024	CAP0025	CAP0026	CAP0027	CAP0028	CAP0029
Drive	Direct	Direct	Direct	Belt	Belt	Belt
Lubrication	Oil Free	Lubricated	Lubricated	Lubricated	Lubricated	Lubricated
Receiver Litre	6	24	50	150	150	200
Capacity CFM	6.4	7.8	11	13.8	13.8	22.9
Bar	8	8	10	10	10	11
Motor (HP/ KW)	2 / 1	2 / 2	3 / 2	3 / 2	3 / 2	6 / 4
Noise db (A)	68	70	73	73	73	78
Volts	230 1Ph	230 1 Ph	230 1Ph	400 3 Ph	230 1 Ph	400 3 Ph
Weight	16 KG		36.5 KG	87 KG	87 KG	91 KG

PETROL WELDER GENERATORS

Mighty Midget 3/175

175A Petrol Welder Gen
When looking for a lightweight power and welding solution, look no further as MHM have this exclusive product to offer. Small, compact and plenty of power.

Optional Extras Trolley Kit



Features	Benefits
<ul style="list-style-type: none"> 3kVA (230v/110v) AC Aux Power DC Welding range 40 - 175A Honda petrol engine Railtrack approved Only 45 Kgs 	<ul style="list-style-type: none"> Plenty of power to run a variety of tools on site Will burn a 4mm rod Featuring low oil level shutdown For simple rental and ready for any small welding or generator job Extremely light weight

Specifications

Performance			
Type	Permanent Magnet	Max Welding Rods - mm	4
Welding - amps D.C.	40 - 175	Noise Level	LWA=96 dBa@7m=71
Open Circuit Voltage - V	90	Insulation Class	H
Single Phase Power - kVA (110v)	3	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	3	Remote Control Socket	n/a

Engine			
Make	Honda	Cooling	Air
Type	GX 200	Fuel Consumption - Litres/hour	1.6
Fuel	Petrol	Fuel Tank Capacity - litres	3.8
Number of Cylinders	1	75% Average Operating Hours - hours	3.1
Power - HP	6.5	Starting System	Recoil
Engine Speed - rpm	3000		

Dimensions (Machine only)			
Length - 560 mm	Width - 440 mm	Height - 420 mm	Weight - 45 Kg

Dimensions (With trolley kit)			
Length - 800 mm	Width - 605 mm	Height - 485 mm	Weight - 49 Kg

Socket Configuration						
3ph (400V)		1ph (230V)		1ph (110V)		
32A	16A	32A	16A	32A	16A	
Mighty Midget 3/175	-	-	1	-	1	

Mighty Midget 2/175

175A Petrol Welder Gen
This world class design is unique to MHM, making it the smallest and lightest engine driven welder generator in the global market.



Features	Benefits
<ul style="list-style-type: none"> 2kVA (230v/110v) DC Aux Power DC Welding range 40 - 175A Honda petrol engine Auto idle engine speed Railtrack approved Only 34 Kgs 	<ul style="list-style-type: none"> Will run some grinders plus other common site tools Will burn a 4mm rod Featuring low oil level shutdown Reduces fuel consumption and noise level For easy rental and ready for any small welding job One man lift

Specifications

Performance			
Type	Permanent Magnet	Max Welding Rods - mm	4
Welding - amps D.C.	40 - 175	Noise Level	LWA=96 dBa@7m=71
Open Circuit Voltage - V	90	Insulation Class	H
Single Phase Power - kVA (110v/DC)	2	Mechanical Protection - IP	23
Single Phase Power - kVA (230v/DC)	2	Remote Control Socket	n/a

Engine			
Make	Honda	Cooling	Air
Type	GX 200	Fuel Consumption - Litres/hour	1.6
Fuel	Petrol	Fuel Tank Capacity - litres	3.8
Number of Cylinders	1	75% Average Operating Hours - hours	3.1
Power - HP	6.5	Starting System	Recoil
Engine Speed - rpm	4000		

Dimensions (Machine only)			
Length - 620 mm	Width - 365 mm	Height - 405 mm	Weight - 34 Kg

Socket Configuration						
3ph (400V)		1ph (230V)		1ph (110V)		
32A	16A	32A	16A	32A	16A	
Mighty Midget 2/175	-	-	1	-	2	

PETROL WELDER GENERATORS

GW 5/200 SINCRO

200A Petrol Welder Gen

Our 200A petrol welder is produced to satisfy the demands of the hire industry. The simple but reliable design can weld and supply AC Aux power at the same time.



Features	Benefits
• 3kVA 110v AC Aux Power	• Enough to power 9" grinders
• 5kVA 230v AC Aux Power	• Powerful 230v for many applications
• DC Welding range 40 - 200A	• Will burn 5mm rod
• Simple & robust	• Ideal for rental
• Complete with trolley kit	• Nice & easy manoeuvrability

Specifications

Performance			
Type	Sincro	Max Welding Rods - mm	5
Welding - amps D.C.	200	Noise Level LWA=96 dBA@7m=71	
Open Circuit Voltage - V	90	Insulation Class	H
Single Phase Power - kVA (110v)	3	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	5	Remote Control Socket	N/A
Engine			
Engine Speed - rpm	3000		
Make	Honda	Cooling	Air
Type	GX 390	Fuel Consumption - Litres/hour	2
Fuel	Petrol	Fuel Tank Capacity - litres	6.5
Number of Cylinders	1	75% Average Operating Hours - hours	3.5
Power - HP	13	Starting System	Recoil

Dimensions (Machine only)			
Length - 845 mm	Width - 530 mm	Height - 560 mm	Weight - 88 Kg

Dimensions (With trolley kit)			
Length - 1006 mm	Width - 580 mm	Height - 720 mm	Weight - 103 Kg

Socket Configuration

3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
GW 5/200 SINCRO	-	-	1	-	1

GW 5/225 - PRO

225A Petrol Welder Gen

Our 225A petrol driven welder generator is a true workhorse with its easy manoeuvrability, compact design and large DC and auxiliary power. Thus making it a great one stop tool solution.



Optional Extras



Features	Benefits
• 5kVA (230v/110v) AC Aux Power	• Plenty of power to run a variety of tools on site
• DC Welding range 40 - 225A	• Will burn a 5mm rod
• Honda petrol engine	• Featuring low oil level shutdown
• Complete with trolley kit	• Nice and easy manoeuvrability
• Switchless AC and DC power	• Can be used as a welder, generator or both simultaneously

Specifications

Performance			
Type	Asynchronous	Max Welding Rods - mm	5
Welding - amps D.C.	40 - 225	Noise Level LWA=96 dBA@7m=71	
Open Circuit Voltage - V	90	Insulation Class	H
Single Phase Power - kVA (110v)	5	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	5	Remote Control Socket	n/a
Engine			
Engine Speed - rpm	3000		
Make	Honda	Cooling	Air
Type	GX 390	Fuel Consumption - Litres/hour	2
Fuel	Petrol	Fuel Tank Capacity - litres	6.5
Number of Cylinders	1	75% Average Operating Hours - hours	3.5
Power - HP	13	Starting System	Recoil

Dimensions (Machine only)			
Length - 720 mm	Width - 480 mm	Height - 515 mm	Weight - 96 Kg

Dimensions (With trolley kit)			
Length - 1170 mm	Width - 670 mm	Height - 685 mm	Weight - 102 Kg

Dimensions (With road-tow kit)			
Length - 2415 mm	Width - 1040 mm	Height - 870 mm	Weight - 226 Kg

Socket Configuration

3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
GW 5/225 - PRO	-	-	1	-	1

DIESEL WELDER GENERATORS

Mighty Midget 3/200 L-RS

200A Diesel Welder Gen

This World Class design is unique to MHM making it the smallest and lightest engine driven diesel welder/generator on the global market featuring recoil start.



Features	Benefits
• 3kVA (230v/110v) AC Aux Power	• Plenty of power to run a variety of tools on site
• DC Welding range 40 - 200A	• Will burn 4mm rod
• Kohler/ Lombardini diesel engine	• Recoil start, proven reliability & robust strength
• Complete with trolley kit	• Nice and easy manoeuvrability
• Only 55 Kgs	• Extremely light weight

Specifications

Performance			
Type	Linz + Permanent Magnet	Max Welding Rods - mm	4
Welding - amps D.C.	40 - 200	Noise Level - Lwa	99
Open Circuit Voltage - V	85	Insulation Class	H
Single Phase Power - kVA (110v)	3	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	3	Remote Control Socket	N/A
Engine			
Engine Speed - rpm	3600		
Make	Kohler/ Lombardini	Cooling	Air
Type	15LD350	Fuel Consumption - Litres/hour	1
Fuel	Diesel	Fuel Tank Capacity - litres	4.3
Number of Cylinders	1	75% Average Operating Hours - hours	4.3
Power - HP	7.5	Starting System	Recoil

Dimensions (Machine only)			
Length - 680mm	Width - 420 mm	Height - 520 mm	Weight - 55 Kg

Dimensions (With trolley kit)			
Length - 990 mm	Width - 570 mm	Height - 630 mm	Weight - 59 Kg

Socket Configuration

3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
Mighty Midget 3/200 L-RS	-	-	1	-	1

Mighty Midget 3/200 L-ES

200A Diesel Welder Gen

This World Class design is unique to MHM making it the smallest and lightest engine driven diesel welder/generator on the global market featuring electric start.



Features	Benefits
• 3kVA (230v/110v) AC Aux Power	• Plenty of power to run a variety of tools on site
• DC Welding range 40 - 200A	• Will burn 4mm rod
• Kohler/ Lombardini diesel engine	• Electric start, proven reliability & robust strength
• Complete with trolley kit	• Nice and easy manoeuvrability
• Only 62 Kgs	• Extremely light weight

Specifications

Performance			
Type	Linz + Permanent Magnet	Max Welding Rods - mm	4
Welding - amps D.C.	40 - 200	Noise Level - Lwa	99
Open Circuit Voltage - V	85	Insulation Class	H
Single Phase Power - kVA (110v)	3	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	3	Remote Control Socket	N/A
Engine			
Engine Speed - rpm	3600		
Make	Kohler/ Lombardini	Cooling	Air
Type	15LD350	Fuel Consumption - Litres/hour	1
Fuel	Diesel	Fuel Tank Capacity - litres	4.3
Number of Cylinders	1	75% Average Operating Hours - hours	4.3
Power - HP	7.5	Starting System	Electric

Dimensions (Machine only)			
Length - 680 mm	Width - 420 mm	Height - 520 mm	Weight - 62 Kg

Dimensions (With trolley kit)			
Length - 990 mm	Width - 570 mm	Height - 630 mm	Weight - 66 Kg

Socket Configuration

3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
Mighty Midget 3/200 L-ES	-	-	1	-	1

DIESEL WELDER GENERATORS

GW 6/230 SSY

210A Diesel Welder Gen

This superb design is the workhorse diesel welder/ gen in our range offering a great portable solution for many power and welding applications whether it be on site or rental.

Optional Extras



Features Benefits

- 6kVA (230v/110v) AC Aux Power
- DC Welding range 40 - 210A
- Yanmar diesel engine
- Complete with trolley kit
- Silenced canopy
- Switchless AC and DC power
- Plenty of power to run a variety of tools on site
- Will burn up to a 5mm rod
- Electric start. Proven reliability & robust strength
- Nice and easy manoeuvrability
- Reduced noise
- Can be used as a welder or generator or both simultaneously

Specifications

Performance			
Type	Permanent Magnet	Max Welding Rods - mm	5
Welding - amps D.C.	40 - 210	Noise Level	LWA=92 dBa@7m=67
Open Circuit Voltage - V	70	Insulation Class	H
Single Phase Power - kVA (110v)	6	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	6	Remote Control Socket	Yes

Engine			
Make	Yanmar	Engine Speed - rpm	3000
Type	L 100	Cooling	Air
Fuel	Diesel	Fuel Consumption - Litres/hour	1
Number of Cylinders	1	Fuel Tank Capacity - litres	10
Power - HP	10	75% Average Operating Hours - hours	10
		Starting System	Electric

Dimensions (Machine only)			
Length - 1050 mm	Width - 590 mm	Height - 750 mm	Weight - 203 Kg

Dimensions (With trolley kit)			
Length - 1570 mm	Width - 760	Height - 980 mm	Weight - 228 Kg

Dimensions (With road-tow kit)			
Length - 2405 mm	Width - 1045 mm	Height - 1190 mm	Weight - 333 Kg

Socket Configuration					
3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
GW 6/230 SSY	-	-	1	1	1

GW 10/300 SSK

300A Diesel Welder Gen

Our unique combination of extra smooth DC power & extra large multi-voltage auxiliary power is a perfect solution for many power and welding applications whether it be on site or rental.

Optional Extras



Features Benefits

- 10kVA Multi-voltage Aux power (400/230/110v)
- DC Welding range 30 - 300A
- Kubota Diesel Engine
- Chopper Technology
- Switchless AC and DC power
- Hugely versatile with a great advantage in rental
- Will burn up to a 6mm rod
- World class performance & Watercooled
- Unrivalled weld quality & performance
- Can be used as a welder or generator or both simultaneously

Specifications

Performance			
Type	Permanent Magnet	Max Welding Rods - mm	6
Welding - amps D.C.	30 - 300	Noise Level	LWA=88 dBa@7m=63
Open Circuit Voltage - V	80	Insulation Class	H
Single Phase Power - kVA (110v)	6	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	6	Remote Control Socket	Yes
Three Phase Power - kVA (415v)	10		

Engine			
Make	Kubota	Engine Speed - rpm	3000
Type	D1105	Cooling	Water
Fuel	Diesel	Fuel Consumption - Litres/hour	2.2
Number of Cylinders	3	Fuel Tank Capacity - litres	32
Power - HP	14	75% Average Operating Hours - hours	14
		Starting System	Electric

Dimensions (Machine only)			
Length - 1410 mm	Width - 700 mm	Height - 835 mm	Weight - 390 Kg

Dimensions (With trolley kit)			
Length - 1895 mm	Width - 940 mm	Height - 980 mm	Weight - 400 Kg

Dimensions (With road-tow kit)			
Length - 2500 mm	Width - 1160 mm	Height - 1130 mm	Weight - 520 Kg

Socket Configuration					
3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
GW 10/300 SSK	1	-	1	-	1

DIESEL WELDER GENERATORS

GW 15/350 SSK

350A Diesel Welder Gen

Our unique extra smooth DC power & extra large multi-voltage auxiliary power is a perfect solution for many power and welding applications whether it be on site or rental.

Optional Extras



Features Benefits

- 15kVA Multi-voltage Aux power (400/230/110v)
- DC Welding range 30 - 350A
- Kubota Diesel Engine
- Chopper Technology
- Switchless AC and DC power
- Hugely versatile with a great advantage in rental
- Will burn up to a 6mm rod
- World class performance, Watercooled
- Unrivalled weld quality & performance
- Can be used as a welder or generator or both simultaneously

Specifications

Performance			
Type	Permanent Magnet	Max Welding Rods - mm	6
Welding - amps D.C.	30 - 350	Noise Level	LWA=88 dBa@7m=63
Open Circuit Voltage - V	75	Insulation Class	H
Single Phase Power - kVA (110v)	5	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	8	Remote Control Socket	Yes
Three Phase Power - kVA (415v)	15		

Engine			
Make	Kubota	Engine Speed - rpm	3000
Type	D1105	Cooling	Water
Fuel	Diesel	Fuel Consumption - Litres/hour	3
Number of Cylinders	3	Fuel Tank Capacity - litres	32
Power - HP	26	75% Average Operating Hours - hours	11
		Starting System	Electric

Dimensions (Machine only)			
Length - 1410 mm	Width - 700 mm	Height - 835 mm	Weight - 390 Kg

Dimensions (With trolley kit)			
Length - 1895 mm	Width - 940 mm	Height - 980 mm	Weight - 400 Kg

Dimensions (With road-tow kit)			
Length - 2500 mm	Width - 1160 mm	Height - 1130 mm	Weight - 520 Kg

Socket Configuration					
3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
GW 15/350 SSK	1	-	1	-	1

GW 15/400 SSK

400A Diesel Welder Gen

Our unique extra smooth DC power & extra large multi-voltage auxiliary power is a perfect solution for many power and welding applications whether it be on site or rental.

Optional Extras



Features Benefits

- 15kVA Multivoltage Aux power (400/230/110v)
- DC Welding range 30 - 400A
- Kubota Diesel Engine
- Chopper Technology
- Switchless AC and DC power
- Hugely versatile with a great advantage in rental market
- Will burn up to a 8mm rod
- World class performance, Watercooled
- Unrivalled weld quality & performance
- Can be used as a welder or generator or both simultaneously

Specifications

Performance			
Type	Permanent Magnet	Max Welding Rods - mm	8
Welding - amps D.C.	30 - 400	Noise Level	LWA=88 dBa@7m=63
Open Circuit Voltage - V	70	Insulation Class	H
Single Phase Power - kVA (110v)	7	Mechanical Protection - IP	23
Single Phase Power - kVA (230v)	7	Remote Control Socket	Yes
Three Phase Power - kVA (415v)	15		

Engine			
Make	Kubota	Engine Speed - rpm	3000
Type	D1105-E	Cooling	Water
Fuel	Diesel	Fuel Consumption - Litres/hour	4.9
Number of Cylinders	3	Fuel Tank Capacity - litres	60
Power - HP	24.6	75% Average Operating Hours - hours	14
		Starting System	Electric

Dimensions (Machine only)			
Length - 1410 mm	Width - 700 mm	Height - 835 mm	Weight - 400 Kg

Dimensions (With road-tow kit)			
Length - 2640 mm	Width - 1160 mm	Height - 1245 mm	Weight - 705 Kg

Socket Configuration					
3ph (400V)		1ph (230V)		1ph (110V)	
32A	16A	32A	16A	32A	16A
GW 15/400 SSK	1	-	1	-	1

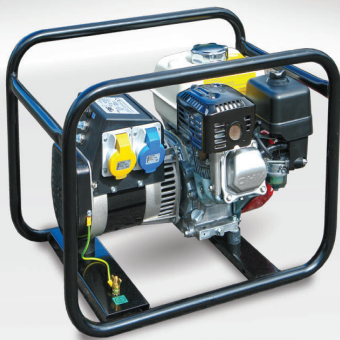
PETROL GENERATORS

MG 3000

UK Rental 3kVA Petrol Generator

When looking for a robust, reliable, good quality 3kVA petrol generator look no further than our MG 3000.

Optional Extras  Longrun tank



Features	Benefits
<ul style="list-style-type: none">• 3kVA (230v/110v) AC Aux Power• Mecc Alte alternator• Honda petrol engine• Strong wrap around frame• Only 37 Kgs	<ul style="list-style-type: none">• Plenty of power to run a variety of tools on site• Heavy duty and proven reliability• Featuring low oil level shutdown• Great protection in rental environment• Extremely light weight

Specifications

Performance		Three Phase Power - kVA (400v)		N/A
Alternator	Mecc Alte	Noise Level	LWA=96 dBa@7m=71	
Single Phase Power - kVA (110v)	3	Insulation Class	H	
Single Phase Power - kVA (230v)	3	Mechanical Protection - IP	23	

Engine		Engine Speed - rpm		3000
Make	Honda	Cooling	Air	
Type	GX160	Fuel Consumption - Litres/hour	1	
Fuel	Petrol	Fuel Tank Capacity - litres	3.6	
Number of Cylinders	1	75% Average Operating Hours - hours	3.6	
Power - HP	5.5	Starting System	Recoil	

Dimensions (Machine only)

Length - 590 mm	Width - 410 mm	Height - 445 mm	Weight - 37 Kg
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Socket Configuration

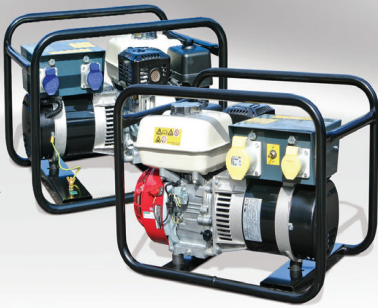
	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 3000	-	-	-	1	-	1

MG 3500

UK Rental 3.5kVA Petrol Generator

When looking for a robust, reliable, good quality 3.5kVA petrol generator look no further than our MG 3500.

Optional Extras  Longrun tank



Features	Benefits
<ul style="list-style-type: none">• 3.5kVA (230v/110v) AC Aux Power• Mecc Alte alternator• Honda petrol engine• Metal top box for alternator & strong wrap around frame• Only 38.5 Kgs	<ul style="list-style-type: none">• Plenty of power to run a variety of tools on site• Heavy duty and proven reliability• Featuring low oil level shutdown• Great protection in rental environment• Extremely light weight

Specifications

Performance		Three Phase Power - kVA (400v)		N/A
Alternator	Mecc Alte	Noise Level	LWA=96 dBa@7m=71	
Single Phase Power - kVA (110v)	3.5	Insulation Class	H	
Single Phase Power - kVA (230v)	3.5	Mechanical Protection - IP	23	

Engine		Engine Speed - rpm		3000
Make	Honda	Cooling	Air	
Type	GX200	Fuel Consumption - Litres/hour	1	
Fuel	Petrol	Fuel Tank Capacity - litres	3.6	
Number of Cylinders	1	75% Average Operating Hours - hours	3.6	
Power - HP	6.5	Starting System	Recoil	

Dimensions (Machine only)

Length - 590 mm	Width - 410 mm	Height - 445 mm	Weight - 38.5 Kg
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Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 3500	-	-	-	2	1	1

DIESEL GENERATORS

MG 4000 SD/ES

UK Rental 4kVA Diesel Generator

When looking for a robust, light weight, good quality 4kVA diesel generator look no further than our MG 4000 SD/ES

Optional Extras  Trolley Kit



Features	Benefits
<ul style="list-style-type: none">• 4kVA (230v/110v) AC Aux Power• Linz alternator• Kohler/ Lombardini diesel engine• Complete with 4x folding carry handles• Only 88 Kgs• Complete with electric starting system	<ul style="list-style-type: none">• Plenty of power to run a variety of tools onsite• Heavy duty and proven reliability• Electric start, power, reliability and robust strength• For easy manoeuvrability• Extremely light weight• Effort-free start up

Specifications

Performance		Three Phase Power - kVA (400v)		N/A
Alternator	Linz	Noise Level	LWA=95 dBa@7m=70	
Single Phase Power - kVA (110v)	4	Insulation Class	H	
Single Phase Power - kVA (230v)	4	Mechanical Protection - IP	23	

Engine		Engine Speed - rpm		3000
Make	Kohler/ Lombardini	Cooling	Air	
Type	15LD350	Fuel Consumption - Litres/hour	1	
Fuel	Diesel	Fuel Tank Capacity - litres	13	
Number of Cylinders	1	75% Average Operating Hours - hours	13	
Power - HP	6.5	Starting System	Electric	

Dimensions (Machine only)

Length - 760 mm	Width - 475 mm	Height - 560 mm	Weight - 88 Kg
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Dimensions (Trolley kit with handles folded out)

Length - 790 mm	Width - 555 mm	Height - 630 mm	Weight - 90 Kg
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Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 4000 SD/ES	-	-	-	1	1	1

MG 4000 SD

UK Rental 4kVA Diesel Generator

When looking for a robust, light weight, good quality 4kVA diesel generator look no further than our MG 4000 SD.

Optional Extras  Trolley Kit



Features	Benefits
<ul style="list-style-type: none">• 4kVA (230v/110v) AC Aux Power• Linz alternator• Kohler/ Lombardini diesel engine• Complete with 4x folding carry handles• Only 83 Kgs• Recoil starting system	<ul style="list-style-type: none">• Plenty of power to run a variety of tools onsite• Heavy duty and proven reliability• Recoil start, power, reliability and robust strength• For easy manoeuvrability• Extremely light weight• Simple and easy start up

Specifications

Performance		Three Phase Power - kVA (400v)		N/A
Alternator	Linz	Noise Level	LWA=95 dBa@7m=70	
Single Phase Power - kVA (110v)	4	Insulation Class	H	
Single Phase Power - kVA (230v)	4	Mechanical Protection - IP	23	

Engine		Engine Speed - rpm		3000
Make	Kohler/ Lombardini	Cooling	Air	
Type	15LD350	Fuel Consumption - Litres/hour	1	
Fuel	Diesel	Fuel Tank Capacity - litres	13	
Number of Cylinders	1	75% Average Operating Hours - hours	13	
Power - HP	6.5	Starting System	Recoil	

Dimensions (Machine only)

Length - 760 mm	Width - 475 mm	Height - 560 mm	Weight - 83 Kg
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Dimensions (Trolley kit with handles folded out)

Length - 790 mm	Width - 555 mm	Height - 630 mm	Weight - 85 Kg
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Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 4000 SD	-	-	-	1	1	1

PETROL/ DIESEL GENERATORS

MG 5000

UK Rental 5kVA Petrol Generator

When looking for a robust, reliable, good quality 5kVA petrol generator look no further than our MG 5000.

Optional
Extras



Features Benefits

- 5kVA (230v/110v) AC Aux Power
- Mecc Alte alternator
- Honda petrol engine
- Metal top box for alternator & strong wrap around frame
- Only 58 Kgs
- Plenty of power to run a variety of tools on site
- Heavy duty and proven reliability
- Featuring low oil level shutdown
- Great protection in rental environment
- Extremely light weight

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Mecc Alte	Noise Level	LWA=96 dBa@7m=71
Single Phase Power - kVA (110v)	5	Insulation Class	H
Single Phase Power - kVA (230v)	5	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Honda	Cooling	Air
Type	GX270	Fuel Consumption - Litres/hour	1.6
Fuel	Petrol	Fuel Tank Capacity - litres	6
Number of Cylinders	1	75% Average Operating Hours - hours	3.7
Power - HP	8.5	Starting System	Recoil

Dimensions (Machine only)

Length - 680 mm	Width - 515 mm	Height - 540 mm	Weight - 58 Kg
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Dimensions (Trolley kit with handles folded out)

Length - 830 mm	Width - 630 mm	Height - 690 mm	Weight - 68 Kg
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Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 5000	-	-	-	2	1	1

MG 6000 E/SSY

UK Rental 6kVA Diesel Generator

When looking for a robust, reliable, good quality 6kVA diesel generator look no further than our MG 6000 E/SSY.

Optional
Extras



Road-tow
Kit



Extra
Super
Silent

Features Benefits

- 6kVA (230v/110v) AC Aux Power
- Linz alternator
- Yanmar electric start diesel engine
- Exclusive MHM engine protection shutdown system
- Certified lifting eye
- Fully bundled base
- Complete with trolley kit
- Plenty of power to meet the demands of small generator hire
- Heavy duty and proven reliability
- Power, reliability and robust strength
- In the case of low fuel, low oil pressure and battery charge failure
- For extra safe onsite lifting
- To retain all spilt fluids
- Special folding handles reducing size for transport

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Linz	Noise Level	LWA=84 dBa@7m=59
Single Phase Power - kVA (110v)	6	Insulation Class	H
Single Phase Power - kVA (230v)	6	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Yanmar	Cooling	Air
Type	L100AE	Fuel Consumption - Litres/hour	1.7
Fuel	Diesel	Fuel Tank Capacity - litres	25
Number of Cylinders	1	75% Average Operating Hours - hours	23
Power - HP	10	Starting System	Electric

Dimensions (Machine only)

Length - 1020 mm	Width - 645 mm	Height - 830 mm	Weight - 206 Kg
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Dimensions (Trolley kit with handles folded out)

Length - 1545 mm	Width - 835 mm	Height - 997 mm	Weight - 231 Kg
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Dimensions (With road-tow kit)

Length - 2405 mm	Width - 1045 mm	Height - 1190 mm	Weight - 336 Kg
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Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 6000 E/SSY	-	-	1	1	1	2

DIESEL GENERATORS

MG 6000 SSK

UK Rental 6kVA Diesel Generator

When looking for a robust, reliable, good quality 6kVA diesel generator look no further than our MG 6000 SSK.

Optional
Extras



Road-tow
Kit



Water Cooled
Extra Super
Silent

Features Benefits

- 6kVA (230v/110v) AC Aux Power
- Linz alternator
- Kubota diesel engine
- Exclusive MHM engine protection shutdown system
- Certified lifting eye
- Fully bundled base
- Complete with trolley kit
- Plenty of power to meet the demands of small generator hire
- Heavy duty and proven reliability
- World class performance and watercooled
- In the case of low fuel, low oil pressure, high engine temp. and battery charge failure
- For extra safe onsite lifting
- To retain all spilt fluids
- Special folding handles, reducing size for transport

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Linz	Noise Level	LWA=89 dBa@7m=64
Single Phase Power - kVA (110v)	6	Insulation Class	H
Single Phase Power - kVA (230v)	6	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Kubota	Cooling	Water
Type	Z482	Fuel Consumption - Litres/hour	1.8
Fuel	Diesel	Fuel Tank Capacity - litres	40
Number of Cylinders	2	75% Average Operating Hours - hours	22
Power - HP	9.5	Starting System	Electric

Dimensions (Machine only)

Length - 1280 mm	Width - 710 mm	Height - 880 mm	Weight - 240 Kg
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Dimensions (With trolley kit - handles folded out)

Length - 1740 mm	Width - 940 mm	Height - 1005 mm	Weight - 265 Kg
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Dimensions (With road-tow kit)

Length - 2450 mm	Width - 1150 mm	Height - 1040 mm	Weight - 370 Kg
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Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 6000 SSK	-	-	1	1	1	2

Hard Wire Facility

	3ph (400V)	1ph (230V)	1ph (110V)
MG 6000 SSK	-	✓	✓

MG 6000 SSY

UK Rental 6kVA Diesel Generator

When looking for a robust, reliable, good quality 6kVA diesel generator look no further than our MG 6000 SSY.

Optional
Extras



Road-tow
Kit



Super
Silent

Features Benefits

- 6kVA (230v/110v) AC Aux Power
- Linz alternator
- Yanmar electric start diesel engine
- Exclusive MHM engine protection shutdown system
- Certified lifting eye
- Fully bundled base
- Complete with trolley kit
- Plenty of power to meet the demands of small generator hire
- Heavy duty and proven reliability
- Power, reliability and robust strength
- In the case of low fuel, low oil pressure and battery charge failure
- For extra safe onsite lifting
- To retain all spilt fluids
- Special folding handles reducing size for transport

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Linz	Noise Level	LWA=90 dBa@7m=65
Single Phase Power - kVA (110v)	6	Insulation Class	H
Single Phase Power - kVA (230v)	6	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Yanmar	Cooling	Air
Type	L100AE	Fuel Consumption - Litres/hour	1.7
Fuel	Diesel	Fuel Tank Capacity - litres	25
Number of Cylinders	1	75% Average Operating Hours - hours	23
Power - HP	10	Starting System	Electric

Dimensions (Machine only)

Length - 1050 mm	Width - 590 mm	Height - 750 mm	Weight - 203 Kg
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Dimensions (Trolley kit with handles folded out)

Length - 1570 mm	Width - 760 mm	Height - 980 mm	Weight - 228 Kg
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Dimensions (With road-tow kit)

Length - 2405 mm	Width - 1045 mm	Height - 1190 mm	Weight - 333 Kg
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Socket Configuration



	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 6000 SSY	-	-	1	1	1	2

PETROL/ DIESEL GENERATORS

MG 6500

UK Rental 6.5kVA Petrol Generator

When looking for a robust, reliable, good quality 6.5kVA petrol generator look no further than our MG 6500.

Optional Extras  Trolley Kit  Longrun tank



Features

- 6.5kVA (230v/110v) AC Aux Power
- Mecc Alte alternator
- Honda petrol engine
- Metal top box for alternator & strong wrap around frame
- Only 71 Kgs

Benefits

- Plenty of power to run a variety of tools on site
- Heavy duty and proven reliability
- Featuring low oil level shutdown
- Great protection in rental environment
- Extremely light weight

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Mecc Alte	Noise Level	LWA=96 dBa@7m=71
Single Phase Power - kVA (110v)	6.5	Insulation Class	H
Single Phase Power - kVA (230v)	6.5	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Honda	Cooling	Air
Type	GX390	Fuel Consumption - Litres/hour	2.4
Fuel	Petrol	Fuel Tank Capacity - litres	6.5
Number of Cylinders	1	75% Average Operating Hours - hours	2.7
Power - HP	13	Starting System	Recoil

Dimensions (Machine only)			
Length - 680 mm	Width - 515 mm	Height - 540 mm	Weight - 71 Kg

Dimensions (Trolley kit with handles folded out)			
Length - 830 mm	Width - 630 mm	Height - 690 mm	Weight - 81 Kg

Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 6500	-	-	1	2	1	2

MG 8000 SSK

UK Rental 8kVA Diesel Generator

When looking for a robust, reliable, good quality 8kVA diesel generator look no further than our MG 8000 SSK.

Optional Extras  Road-tow Kit



Features

- 8kVA (230v/110v) AC Aux Power
- Linz alternator
- Kubota diesel engine
- Exclusive MHM engine protection shutdown system
- Certified lifting eye
- Fully bundled base
- Complete with trolley kit

Benefits

- Plenty of power to meet the demands of small generator hire
- Heavy duty and proven reliability
- World class performance and watercooled
- In the case of low fuel, low oil pressure, high engine temp. and battery charge failure
- For extra safe onsite lifting
- To retain all spilt fluids
- Special folding handles, reducing size for transport

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Linz	Noise Level	LWA=89 dBa@7m=64
Single Phase Power - kVA (110v)	8	Insulation Class	H
Single Phase Power - kVA (230v)	8	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Kubota	Cooling	Water
Type	D722E	Fuel Consumption - Litres/hour	2.4
Fuel	Diesel	Fuel Tank Capacity - litres	40
Number of Cylinders	3	75% Average Operating Hours - hours	16
Power - HP	17	Starting System	Electric

Dimensions (Machine only)			
Length - 1280 mm	Width - 710 mm	Height - 880 mm	Weight - 300 Kg

Dimensions (With trolley kit - handles folded out)			
Length - 1740 mm	Width - 940 mm	Height - 1005 mm	Weight - 325 Kg

Dimensions (With road-tow kit)			
Length - 2450 mm	Width - 1150 mm	Height - 1040 mm	Weight - 430 Kg

Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 8000 SSK	-	-	1	2	2	1

Hard Wire Facility

	3ph (400V)	1ph (230V)	1ph (110V)
MG 8000 SSK	-	✓	✓

DIESEL GENERATORS

MG 10000 SSK

UK Rental 10kVA Diesel Generator

When looking for a robust, reliable, good quality 10kVA diesel generator look no further than our MG 10000 SSK.

Optional Extras  Road-tow Kit



Features

- 10kVA (230v/110v) AC Aux Power
- Linz alternator
- Kubota diesel engine
- Exclusive MHM engine protection shutdown system
- Certified lifting eye
- Fully bundled base
- Complete with trolley kit

Benefits

- Plenty of power to meet the demands of small generator hire
- Heavy duty and proven reliability
- World class performance and watercooled
- In the case of low fuel, low oil pressure, high engine temp. and battery charge failure
- For extra safe onsite lifting
- To retain all spilt fluids
- Special folding handles, reducing size for transport

Specifications

Performance		Three Phase Power - kVA (400v)	N/A
Alternator	Linz	Noise Level	LWA=89 dBa@7m=64
Single Phase Power - kVA (110v)	10	Insulation Class	H
Single Phase Power - kVA (230v)	10	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Kubota	Cooling	Water
Type	D722E	Fuel Consumption - Litres/hour	2.4
Fuel	Diesel	Fuel Tank Capacity - litres	40
Number of Cylinders	3	75% Average Operating Hours - hours	16
Power - HP	17	Starting System	Electric

Dimensions (Machine only)			
Length - 1280 mm	Width - 710 mm	Height - 880 mm	Weight - 300 Kg

Dimensions (With trolley kit - handles folded out)			
Length - 1740 mm	Width - 940 mm	Height - 1005 mm	Weight - 325 Kg

Dimensions (With road-tow kit)			
Length - 2450 mm	Width - 1150 mm	Height - 1040 mm	Weight - 430 Kg

Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 10000 SSK	-	-	1	2	2	1



Hard Wire Facility

	3ph (400V)	1ph (230V)	1ph (110V)
MG 10000 SSK	-	✓	✓

MG 15000 SSK-MV Multi Voltage

UK Rental 15kVA Diesel Generator

When looking for a robust, reliable, good quality 15kVA Universal Rental Solution. Our MG 15000 SSK-MV has everything the market requires.

Optional Extras  Trolley Kit  Road-tow Kit



Features

- 15kVA Multi-Voltage AC Aux Power
- Linz (AVR) alternator
- Kubota diesel engine
- Exclusive MHM engine protection shutdown system
- 3 way fuel valve
- 12v battery isolator switch
- Emergency stop button
- Fully bundled base
- Certified lifting eye
- Engine oil drain pump

Benefits

- Hugely versatile with a massive advantage in the rental market
- Heavy duty and proven reliability
- World class performance and watercooled
- In the case of low fuel, low oil pressure, high engine temp and battery charge failure
- Easy connectivity to external fuel tank
- Reduces flat battery breakdowns
- A must on any UK site
- To retain all spilt fluids
- For extra safe onsite lifting
- Reducing service time

Specifications

Performance		Three Phase Power - kVA (400v)	15
Alternator	Linz (AVR)	Noise Level	LWA=88 dBa@7m=63
Single Phase Power - kVA (110v)	12	Insulation Class	H
Single Phase Power - kVA (230v)	15	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	3000
Make	Kubota	Cooling	Water
Type	D1105	Fuel Consumption - Litres/hour	3.7
Fuel	Diesel	Fuel Tank Capacity - litres	40
Number of Cylinders	3	75% Average Operating Hours - hours	11
Power - HP	26	Starting System	Electric

Dimensions (Machine only)			
Length - 1400 mm	Width - 635 mm	Height - 780 mm	Weight - 390 Kg

Dimensions (With road-tow kit)			
Length - 2300 mm	Width - 1180 mm	Height - 1150 mm	Weight - 509 Kg

Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	32A	16A	32A	16A	32A	16A
MG 15000 SSK-MV	1	-	2	2	3	1

Hard Wire Facility

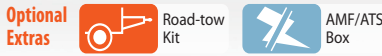
	3ph (400V)	1ph (230V)	1ph (110V)
MG 15000 SSK-MV	✓	✓	✓

DIESEL GENERATORS

GE 16 SSY-MV Multi Voltage

UK Rental 16kVA
Diesel Generator

When looking for a robust, reliable, good quality 16kVA Universal Rental Solution our GE 16 SSY-MV has everything the market requires.



Features Benefits

- 16kVA Multi-Voltage AC Aux Power (400v/230v/110v)
 - Linz alternator
 - Yanmar diesel engine
 - Exclusive MHM-Gen engine protection shutdown system
 - 3 way fuel valve
 - 12v battery isolator switch
 - Emergency stop button
 - Fully bundled base
 - Engine oil drain pump
- Hugely versatile with a massive advantage in the rental market
 - Heavy duty and proven reliability
 - World class performance and watercooled
 - In the case of low fuel, low oil pressure, high engine temp and battery charge failure
 - Easy connectivity to external fuel tank
 - Reduces flat battery breakdowns
 - A must on any UK site
 - To retain all spilt fluids
 - Reducing service time

Specifications

Performance		Three Phase Power - kVA (400v)	16
Alternator	Linz	Noise Level	LWA=88 dBa@7m=63
Single Phase Power - kVA (110v)	16	Insulation Class	H
Single Phase Power - kVA (230v)	16	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	1500
Make	Yanmar	Cooling	Water
Type	3TNV-88	Fuel Consumption - Litres/hour	2.7
Fuel	Diesel	Fuel Tank Capacity - litres	110
Number of Cylinders	3	75% Average Operating Hours - hours	41
Power - HP	18.1	Control Panel	Deepsea 3110

Dimensions (Machine only)			
Length - 1750 mm	Width - 900 mm	Height - 1400 mm	Wet weight - 680 Kg

Dimensions (With road-tow kit)			
Length - 3300 mm	Width - 1600 mm	Height - 1450 mm	Wet weight - 930 Kg

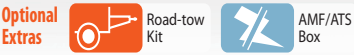
Socket Configuration						
3ph (400V)		1ph (230V)		1ph (110V)		
32A	16A	32A	16A	32A	16A	
GE 16 SSY-MV	1	-	2	2	3	1

Hard Wire Facility			
3ph (400V)		1ph (230V)	1ph (110V)
GE 16 SSY-MV	✓	✓	✓

GE 20 SSY-MV Multi Voltage

UK Rental 20kVA
Diesel Generator

When looking for a robust, reliable, good quality 20kVA Universal Rental Solution our GE 20 SSY-MV has everything the market requires.



Features Benefits

- 20kVA Multi-Voltage AC Aux Power (400v/230v/110v)
 - Linz alternator
 - Yanmar diesel engine
 - Exclusive MHM-Gen engine protection shutdown system
 - 3 way fuel valve
 - 12v battery isolator switch
 - Emergency stop button
 - Fully bundled base
 - Engine oil drain pump
- Hugely versatile with a massive advantage in the rental market
 - Heavy duty and proven reliability
 - World class performance and watercooled
 - In the case of low fuel, low oil pressure, high engine temp and battery charge failure
 - Easy connectivity to external fuel tank
 - Reduces flat battery breakdowns
 - A must on any UK site
 - To retain all spilt fluids
 - Reducing service time

Specifications

Performance		Three Phase Power - kVA (400v)	20
Alternator	Linz	Noise Level	LWA=88 dBa@7m=63
Single Phase Power - kVA (110v)	20	Insulation Class	H
Single Phase Power - kVA (230v)	20	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	1500
Make	Yanmar	Cooling	Water
Type	4TNV-88	Fuel Consumption - Litres/hour	4
Fuel	Diesel	Fuel Tank Capacity - litres	110
Number of Cylinders	4	75% Average Operating Hours - hours	27.5
Power - HP	24.1	Control Panel	Deepsea 3110

Dimensions (Machine only)			
Length - 1750 mm	Width - 900 mm	Height - 1400 mm	Wet weight - 686 Kg

Dimensions (With road-tow kit)			
Length - 3300 mm	Width - 1600 mm	Height - 1900 mm	Wet weight - 936 Kg

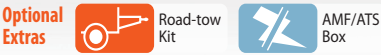
Socket Configuration						
3ph (400V)		1ph (230V)		1ph (110V)		
63A	32A	32A	16A	32A	16A	
GE 20 SSY-MV	-	1	2	2	3	1

Hard Wire Facility			
3ph (400V)		1ph (230V)	1ph (110V)
GE 20 SSY-MV	✓	✓	✓

GE 25 SSY-MV Multi Voltage

UK Rental 25kVA
Diesel Generator

When looking for a robust, reliable, good quality 25kVA Universal Rental Solution our GE 25 SSY-MV has everything the market requires.



Features Benefits

- 25kVA Multi-Voltage AC Aux Power (400v/230v/110v)
 - Linz alternator
 - Yanmar diesel engine
 - Exclusive MHM-Gen engine protection shutdown system
 - 3 way fuel valve
 - 12v battery isolator switch
 - Emergency stop button
 - Fully bundled base
 - Engine oil drain pump
- Hugely versatile with a massive advantage in the rental market
 - Heavy duty and proven reliability
 - World class performance and watercooled
 - In the case of low fuel, low oil pressure, high engine temp and battery charge failure
 - Easy connectivity to external fuel tank
 - Reduces flat battery breakdowns
 - A must on any UK site
 - To retain all spilt fluids
 - Reducing service time

Specifications

Performance		Three Phase Power - kVA (400v)	25
Alternator	Linz	Noise Level	LWA=88 dBa@7m=63
Single Phase Power - kVA (110v)	25	Insulation Class	H
Single Phase Power - kVA (230v)	25	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	1500
Make	Yanmar	Cooling	Water
Type	4TNV-88	Fuel Consumption - Litres/hour	4
Fuel	Diesel	Fuel Tank Capacity - litres	110
Number of Cylinders	4	75% Average Operating Hours - hours	27.5
Power - HP	24.1	Control Panel	Deepsea 3110

Dimensions (Machine only)			
Length - 1750 mm	Width - 900 mm	Height - 1400 mm	Wet weight - 691 Kg

Dimensions (With road-tow kit)			
Length - 3300 mm	Width - 1600 mm	Height - 1900 mm	Wet weight - 941 Kg

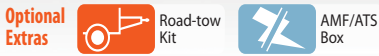
Socket Configuration						
3ph (400V)		1ph (230V)		1ph (110V)		
63A	32A	32A	16A	32A	16A	
GE 25 SSY-MV	-	1	2	2	3	1

Hard Wire Facility			
3ph (400V)		1ph (230V)	1ph (110V)
GE 25 SSY-MV	✓	✓	✓

GE 33 SSY

UK Rental 33kVA
Diesel Generator

When looking for a robust, reliable, good quality 33kVA Universal Rental Solution look no further than our GE 33 SSY.



Features Benefits

- 33kVA 3ph Aux Power
 - Linz alternator
 - Yanmar diesel engine
 - Exclusive MHM-Gen engine protection shutdown system
 - 3 way fuel valve
 - 12v battery isolator switch
 - Emergency stop button
 - Fully bundled base
 - Engine oil drain pump
- Plenty of power to meet the demands of small to medium generator hire
 - Heavy duty and proven reliability
 - World class performance and watercooled
 - In the case of low fuel, low oil pressure, high engine temp and battery charge failure
 - Easy connectivity to external fuel tank
 - Reduces flat battery breakdowns
 - A must on any UK site
 - To retain all spilt fluids
 - Reducing service time

Specifications

Performance		Three Phase Power - kVA (400v)	33
Alternator	Linz	Noise Level	LWA=88 dBa@7m=63
Single Phase Power - kVA (110v)	N/A	Insulation Class	H
Single Phase Power - kVA (230v)	11	Mechanical Protection - IP	23

Engine		Engine Speed - rpm	1500
Make	Yanmar	Cooling	Water
Type	4TNV-98	Fuel Consumption - Litres/hour	5.2
Fuel	Diesel	Fuel Tank Capacity - litres	110
Number of Cylinders	4	75% Average Operating Hours - hours	21
Power - HP	46	Control Panel	Deepsea 7310

Dimensions (Machine only)			
Length - 1900 mm	Width - 900 mm	Height - 1500 mm	Wet weight - 840 Kg

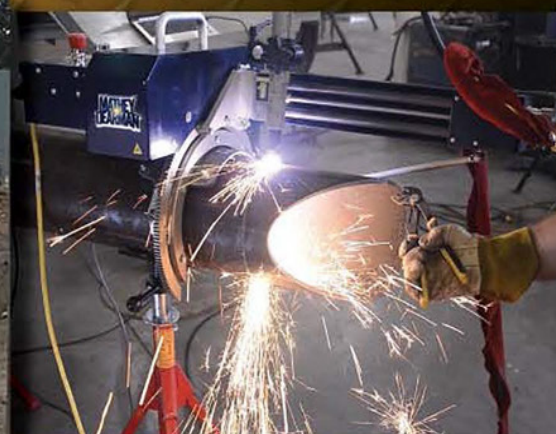
Dimensions (With road-tow kit)			
Length - 3800 mm	Width - 1780 mm	Height - 1560 mm	Wet weight - 1140 Kg

Socket Configuration						
3ph (400V)		1ph (230V)		1ph (110V)		
63A	32A	16A	32A	16A	32A	16A
GE 33 SSY	1	1	-	3	2	-

Hard Wire Facility			
3ph (400V)		1ph (230V)	1ph (110V)
GE 33 SSY	✓	✓	-

MATHEY DEARMAN

Smarter. Tougher. Mathey.



A BRIEF HISTORY OF MATHEY DEARMAN

Since Chester A. Mathey built and sold his first portable machine in August 1936, industry professionals have relied on Mathey Dearman products for innovative cutting, beveling, clamping and aligning solutions.

SETTING THE STANDARD

In 1952, Mr. Mathey designed and introduced the industry's first Compact Saddle Machine. Cast from high-strength aluminum alloy, the lightweight Compact Saddle Machine is still recognized as the industry standard.

MATHEY INTERNATIONAL, LTD.

By the 1980s, Mathey Manufacturing Company was known as a world leader in cutting and beveling products including Compact Saddle Machines, wireline winching equipment for oil and gas exploration and welding ovens. In 1985, Hinderliter Tool company, a Tulsa-based manufacturer of oil field products purchased Mathey and then sold the company in 1987 to Donald Lockhart, a Hinderliter executive. Mr. Lockhart also acquired winching experts, Leland Truck, combining the companies and changing the name to Mathey Leland. Focusing on the expanding worldwide cutting and beveling business, the company sold the Leland division in 1989, changing the name to Mathey International, LTD.

MATHEY DEARMAN, INC.

In 1996, Mathey acquired the exclusive rights to Dearman clamping systems from Cogsdill Tool Products. Introduced in 1974 by Tim Dearman, his innovative Chain Clamp design quickly became the industry-standard for the product's unique ability to align and reform multiple sizes of pipe with the same machine. Today, Mathey Dearman, as the company was renamed, manufactures the broadest range of Chain Clamps in the industry, capable of handling any size pipe from 1-inch to 20-feet.

TODAY ... AND TOMORROW

For over 70 years the best welders around the world have relied on authentic Mathey Dearman equipment for cutting, beveling, clamping and aligning pipe. Each year offers exciting new products, cutting-edge designs and accurate, dependable equipment for the construction of oil and gas pipelines, power plants, ships, refineries, LNG terminals, chemical plants and more. Our past has been filled with innovation and our future will bring new solutions for the next generation. Now more than ever: "Where there's pipe, there's Mathey."

MASTER CATALOG

The industry-standard for over 80 years, the Mathey Dearman Saddle Machine is versatile, simple to use, and perfect for almost any pipe cutting and beveling application. Lightweight and durable, Mathey Dearman Saddle Machines are designed for accurate, quality cuts on 1 ½" – 48" (38 mm – 1219 mm) pipes.

- EASY SET-UP** | Mount and begin cutting in as little as 5 minutes
- ADAPTABLE** | Works with all standard torches, including plasma
- PRECISE** | Produces square cuts and exact bevels quickly and easily
- FASTER** | Quicker than manual machines by virtually eliminating grinding

Motorized Saddle Machine Includes:

- | 115 VAC or 230 VAC Motorized Saddle Machine
- | Torch Arm
- | Torch Carrier Assembly
- | Boomer Assembly (fastens the machine to the pipe)
- | Spacer Bolt Set
- | Parts and Operating Manual
- | Mounting Bracket
- | Right-angle DC drive motor
- | Motor Control Box

NOTE: MACHINE TORCHES SOLD SEPARATELY



| Available with PlasmaSpeed Digital Motor Control

HAND CUTTING

Time: 30 Minutes | 8" Schedule 40 Pipe being cut by hand. Time includes measuring, cutting and grinding.

- | Longer than necessary layout time
- | Excessive amount of time to cut the pipe
- | Inaccurate/uneven cut requiring grinding
- | Extended fit-up time
- | Uneven weld gap

Want the easiest way to get a perfect cut every time? Motorized Saddle Machines from Mathey Dearman are precise and fast, delivering smooth cuts requiring little or even no grinding. Both experienced and inexperienced welders can benefit from the increased productivity (up to 5 times quicker!) and cut quality of Motorized Saddle Machines compared to traditional hand-cutting or manual machines. Motorized Saddle Machines are available in 115 VAC and 230 VAC for pipe sizes 1 ½" – 48" (38 – 1219 mm) and can operate at increased cutting speeds to use powerful plasma torches. It's what Mathey Dearman calls PLASMASPEED!

- VERSATILE** | Every model works on a range of pipe sizes
- ADAPTABLE** | Works with all standard torches, including plasma
- PORTABLE** | Light and compact, perfect for shop or field applications
- EASY SET-UP** | Mount and begin cutting in as little as 5 minutes
- PROVEN** | Depended on by professionals for over 70 years
- FAST** | Pipe is ready to weld up to five times quicker than hand cutting and grinding

Saddle Machine Includes:

- | Saddle Machine
- | Torch Arm
- | Torch Carrier Assembly
- | Boomer Assembly (fastens the machine to the pipe)
- | Spacer Bolt Set
- | Parts and Operating Manual

NOTE: MACHINE TORCHES SOLD SEPARATELY

MATHEY DEARMAN CUTTING

Time: 6 Minutes | 8" Schedule 40 Pipe being cut with a 1SA Manual Saddle Machine.

- | Perfect Cut
- | No Grinding
- | Perfect Fit-up



Machine Model	MSA	1SA	2SA		3SA	4SA	5SA	6SA	8SA
Manual with Spacer Bolts	03.0100.000	03.0101.000	03.0102.000		03.0103.000	03.0104.0 00	03.0105.000	03.0106.000	03.0108.000
Manual with Step Spacers	-----	03.01S1.000	03.01S2.000		03.01S3.000	-----	-----	-----	-----

SADDLE MACHINES | SPECIFICATIONS

Machine Model	MSA	1SA	2SA		3SA	4SA	5SA	6SA	8SA
Motorized with Spacer Bolts 115 VAC 230 VAC	03.0100.M00 03.0100.M02	03.0101.M00 03.0101.M02	03.0102.M00 03.0102.M02		03.0103.M00 03.0103.M02	03.0104.M00 03.0104.M02	03.0105.M00 03.0105.M02	03.0106.M00 03.0106.M02	03.0108.M00 03.0108.M02
Motorized with Step Spacers 115 VAC 230 VAC	-----	03.01S1.M00 03.01S1.M02	03.01S2.M00 03.01S2.M02		03.01S3.M00 03.01S3.M02	-----	-----	-----	-----
Pipe Size in (mm)	1.5-4 (38-102)	3-8 (76-203)	6-12 (152-305)		12-20 (305-508)	20-26 (508-660)	24-30 (610-762)	28-36 (711-914)	40-48 (1016-1219)
Net Weight lbs / kg	10 / 5	16 / 7	26 / 12		50 / 22	75 / 34	110 / 50	180 / 82	287 / 130
Estimated Shipping Weight lbs / kg	12 / 5.4	24 / 11	34 / 15.5		73 / 33	150 / 68	185 / 84	295 / 134	537 / 244
Shipping Dimensions in (mm)	12 x 12 x 10 (305 x 305 x 254)	18 x 18 x 11½ (457 x 457 x 492)	23 x 23 x 12 ½ (584 x 584 x 318)		34 x 32 x 12 (864 x 813 x 305)	40 ½ x 41 x 19 (1029 x 1041 x 423)	40 ½ x 41 x 19 (1029 x 1041 x 423)	57 x 43 x 18 (1488 x 1002 x 483)	69 x 60 x 21 (1753 x 1524 x 533)
Max. Speed (Motorized) ipm* / mpm**	141 / 3581	71 / 1803	89 / 2261		47 / 1194	53 / 1346	34 / 864	35 / 889	36 / 914
Min. Speed (Motorized) ipm* / mpm**	4 / 102	4 / 102	6 / 152		7 / 178	7 / 178	8 / 203	5 / 127	5 / 127
Includes Spacer Bolts to cut pipe sizes	2", 3", 4" (51, 76, 102 mm)	3", 4", 6", 8" (76, 102, 152, 203 mm)	6", 8", 10", 12" (152, 203, 254, 305 mm)		12", 14", 16", 18", 20" (305, 356, 406, 457, 508 mm)	20", 22", 24", 26" (508, 559, 610, 660 mm)	24", 26", 28", 30" (610, 660, 711,762 mm)	28", 30", 36" (711, 762, 914 mm)	40", 42", 48" (1016, 1067, 1219 mm)

* Inches per minute

** Millimeters per minute



PRO MODEL TORCH ARM

Choose the Pro Model Torch Arm with our innovative Out-of-Round Roller Attachment to create perfect cuts and bevels on oversize, undersize or out-of-round pipe.

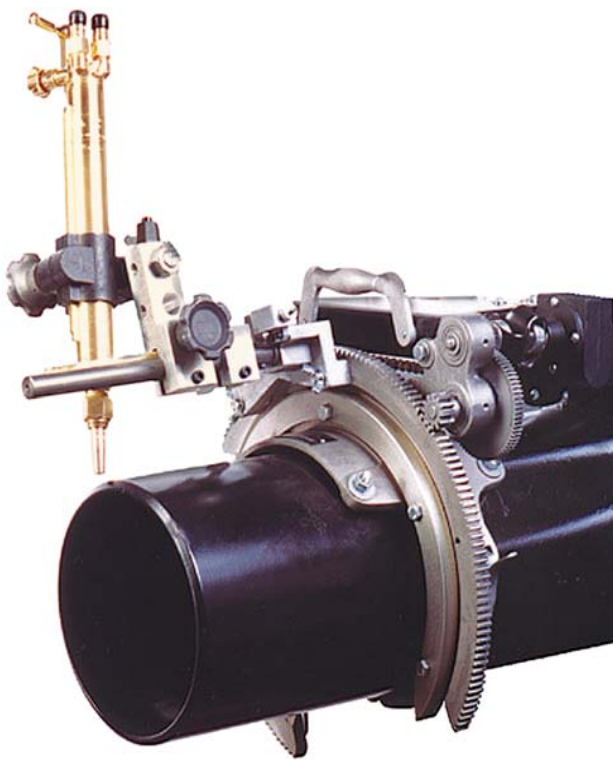
MINIMIZES NOTCHING | Torch automatically elevates over pipe weld seams and surface imperfections

SMOOTHER BEVELING | Precise pipe-to-torch distance maintained throughout the cut for more accurate beveling

INTERCHANGEABLE | Use the Pro Model Torch Arm with your current torch holder and adapter for oversized and undersized pipe

Model	Item Number	Shipping Weight
Pro Model with Out-of-Round Roller Attachment	03.0209.000	9.5 lbs / 4.3 kg
Pro Model Base Unit	03.0209.001	6 - 8 lbs / 2.7 - 3.6 kg
Out-of-Round Roller Attachment Kit	03.0209.003	4.5 - 6 lbs / 2 - 2.7 kg

**Includes 32 pitch Torch Holder. Please add the letter "E" at the end of the item number when ordering a Pro Model Torch Arm with a Metric Torch Holder (example: 03.0209.000E)*
NOTE: MACHINE TORCHES AVAILABLE SEPARATELY. BACK BEVELING NOT RECOMMENDED WITHOUT THE USE OF THE DOUBLE TORCH ARM ACCESSORY.

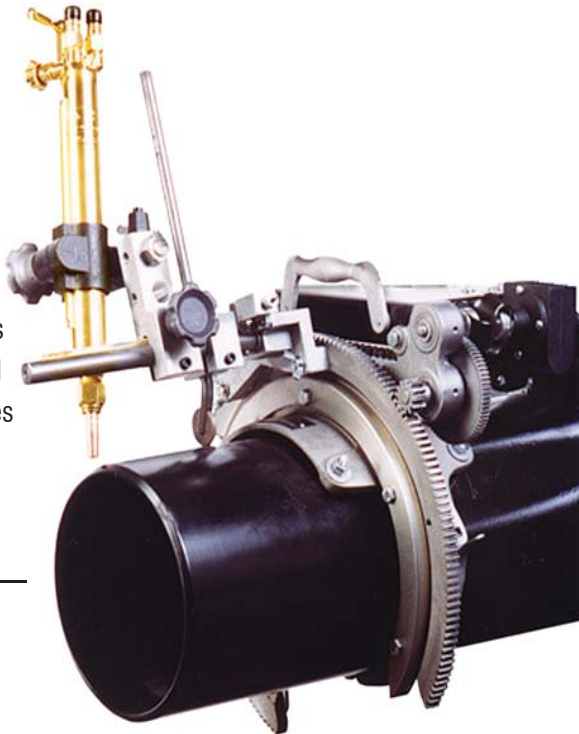


OUT-OF-ROUND ROLLER ATTACHMENT



Would you like to add out-of-round compensating capabilities to your current Pro Model Torch Arm? Our Out-of-Round Roller Attachment Kit compensates for oversize and undersize pipe, handling out-of-round conditions up to 1/4 " (6mm). Order separately. Comes with all required parts and assembly instructions.

Pro Model with Out-of-Round Roller Attachment Kit installed

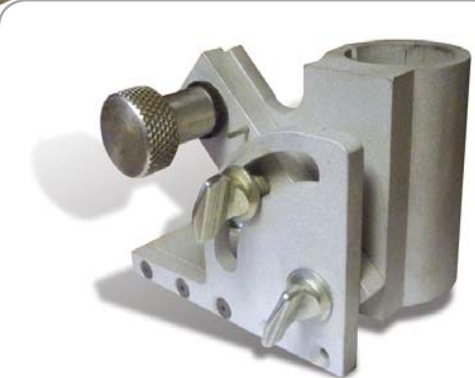
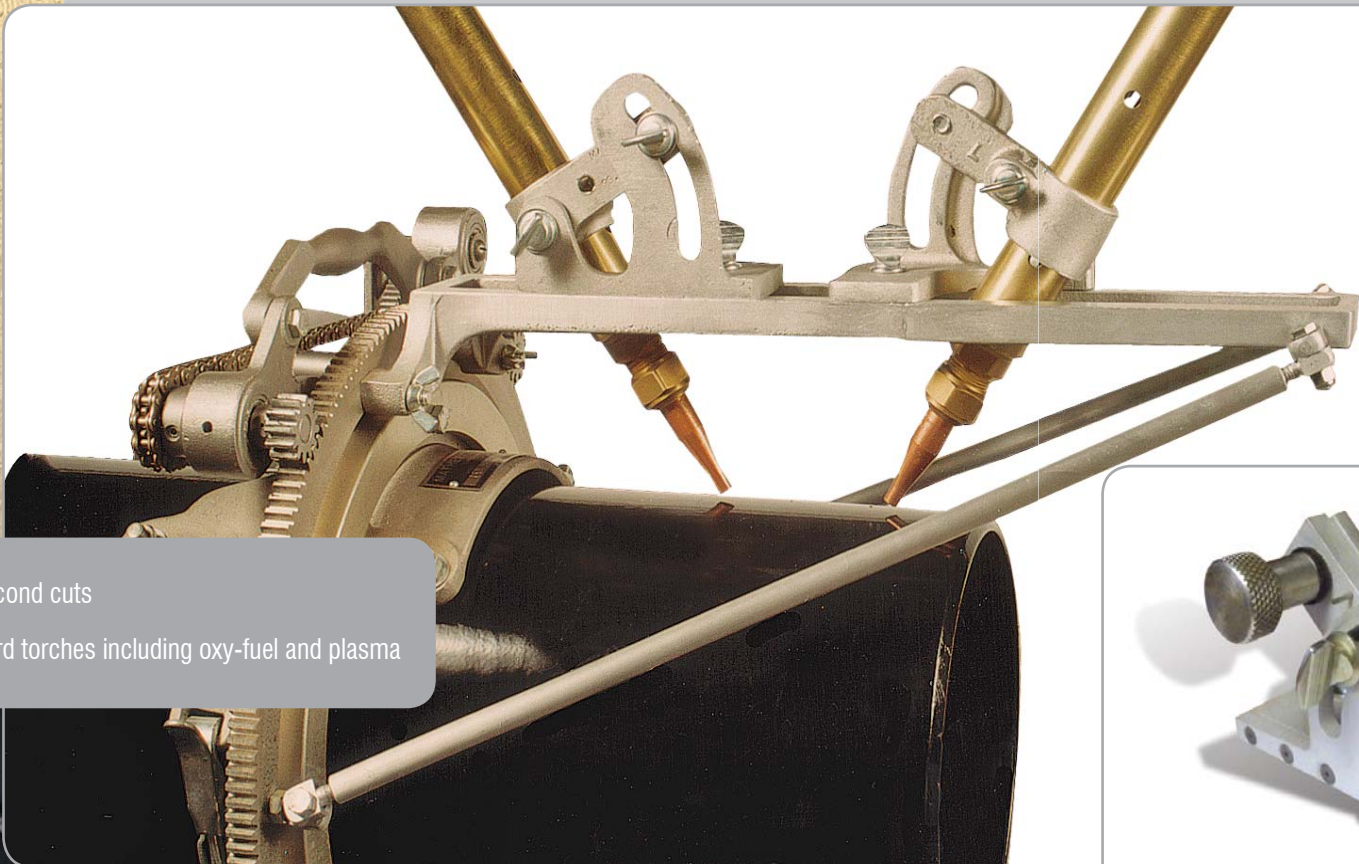


DOUBLE TORCH ARM

Reduce setup and cutting time by up to 50% with our Double Torch Arm accessory. By eliminating the need to rotate one torch to obtain a forward or back bevel on the pipe end, our Double Torch Arm dramatically reduces cutting and beveling time.



REDUCE EXPENSES | Eliminate second cuts
VERSATILE | Works with all standard torches including oxy-fuel and plasma



DOUBLE TORCH ARM ITEM NUMBERS AND SHIPPING WEIGHTS

Model	With Torch Holder for 1 3/8" (35 mm) Diameter Torch	Est. Shipping Weight
1SA	03.0101.030	5 lbs / 2.3 kg
2SA	03.0102.015	5 lbs / 2.3 kg
3SA	03.0103.030	5 lbs / 2.3 kg
4SA	00.0104.021	5 lbs / 2.3 kg
5SA	03.0105.025	5 lbs / 2.3 kg
6SA	03.0106.018	5.5 lbs / 2.5 kg
8SA	03.0108.014	5.5 lbs / 2.5 kg

CAM-ADJUSTABLE TORCH CARRIER

Our Cam-adjustable Torch Carrier makes it simple to make perfect, no-notch cuts, every time. Just start the cut away from the desired cut line, use the knurled cam adjustment knob to move the torch into the cut line then start your cut. In addition, the Torch Holder's large wing screw makes tightening the torch in the Torch Holder easy, even when wearing gloves. Our innovative design even allows forward or back-beveling without the need to reverse the Torch Holder in the Torch Arm.

Item : 03.0100.052

SELF-STORING STEP-DOWN SPACER

Combining multiple Spacer Bolt sizes into one easy-to-use part, our Step-down Spacers are machined to the same tolerances as Spacer Bolts. Each Step Spacer covers a range of four (4) pipe sizes; eliminating the need to store twelve (12) Spacer Bolts. No more searching for lost or misplaced Spacer Bolts with high quality aluminum alloy or stainless steel self-storing Step-down Spacers.



1SA STEP SPACER



2SA STEP SPACER



3SA STEP SPACER

STEP SPACER KIT

Description	Item Number	For Pipe Sizes		Est. Shipping Weight
		in	mm	
1SA Step Spacers	03.0110.1SAKIT	3, 4, 6, 8	76, 102, 152, 203	1.6 lbs / .7 kg
2SA Step Spacers	03.0110.2SAKIT	6, 8, 10, 12	152, 203, 254, 305	1.6 lbs / .7 kg
3SA Step Spacers	03.0110.3SAKIT	12, 14, 16, 18, 20	305, 356, 406, 457, 508	1.6 lbs / .7 kg

STEP SPACERS (INDIVIDUAL)

Description	Item Number	For Pipe Sizes		Est. Shipping Weight
		in	mm	
1SA Step Spacer	03.0110.1SA	3, 4, 6, 8	76, 102, 152, 203	0.4 lbs / 0.2 kg
2SA Step Spacer	03.0110.2SA	6, 8, 10, 12	152, 203, 254, 305	0.4 lbs / 0.2 kg
3SA Step Spacer	03.0110.3SA	12, 14, 16, 18, 20	305, 356, 406, 457, 508	0.4 lbs / 0.2 kg



SADDLE MACHINE SPACER BOLTS

Our Spacer Bolt Kits include the Spacer Bolts available for any Mathey Dearman Saddle Machine model in one handy container. An actual-size diagram is located on the lid, making finding the correct Spacer Bolts quick and easy. All Spacer Bolts are precision-machined for maximum cutting accuracy and labeled with the Mathey Dearman logo and item number for quick identification.

Spacer Bolts can be replaced individually or in sets.
Actual size is shown on box lid for quick spacer bolt identification.

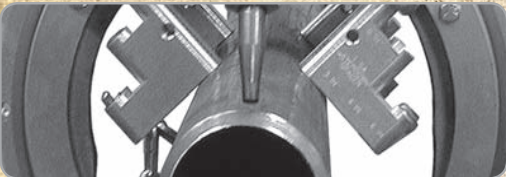


NO LOST OR MISPLACED SPACERS | Step-down Spacers are self-storing.

NO MODIFICATIONS | Simply replace your Spacer Bolts with our convenient Step-down Spacers

ACCURACY | Our Step-down Spacers offer the same degree of accuracy as standard Spacer Bolts

ADAPTABLE | Step-down Spacers work with later and earlier model Mathey Dearman Saddle Machines



1SA Saddle Machine shown on 3" (76 mm) pipe

1SA Saddle Machine shown on 4" (102 mm) pipe with Step-down Spacers.

SPACER BOLT KITS

Description	Item Number	For Pipe Sizes		Est. Shipping Weight
		in	mm	
MSA	03.0MSA.KIT	2, 3	51, 76	1.0 lbs / 0.5 kg
1SA	03.01SA.KIT	3, 4, 6, 8	76, 102, 152, 203	4.0 lbs / 1.8 kg
2SA	03.02SA.KIT	6, 8, 10, 12	152, 203, 254, 305	5.0 lbs / 2.3 kg
3SA	03.03SA.KIT	12, 14, 16, 18, 20	305, 356, 406, 457, 508	9.0 lbs / 4.1 kg
4SA	03.04SA.KIT	20, 22, 24, 26	508, 559, 610, 660	10.0 lbs / 4.5 kg
5SA	03.05SA.KIT	24, 26, 28, 30	610, 660, 711, 762	10.0 lbs / 4.5 kg
6SA	03.06SA.KIT	28, 30, 36	711, 762, 914	20.0 lbs / 9.0 kg
8SA	03.08SA.KIT	40, 42, 48	1016, 1069, 1219	20.0 lbs / 9.0 kg

SADDLE MACHINE STORAGE BOX

To help protect your valuable investment, store your Saddle Machine, Torch, Torch Arm, Torch Carrier, Spacer Bolts and Parts and Operating Manual in this specially-designed Storage Box. MSA, 1SA, and 2SA Storage Boxes are made of 16 gauge, powder-coated steel, with attached lifting handles. Storage Boxes for Saddle Machines larger than the 2SA are made of plywood with reinforced corners and edges. STORAGE BOXES ARE SPECIFICALLY DESIGNED TO PROTECT MACHINES DURING TRANSPORTATION AND STORAGE

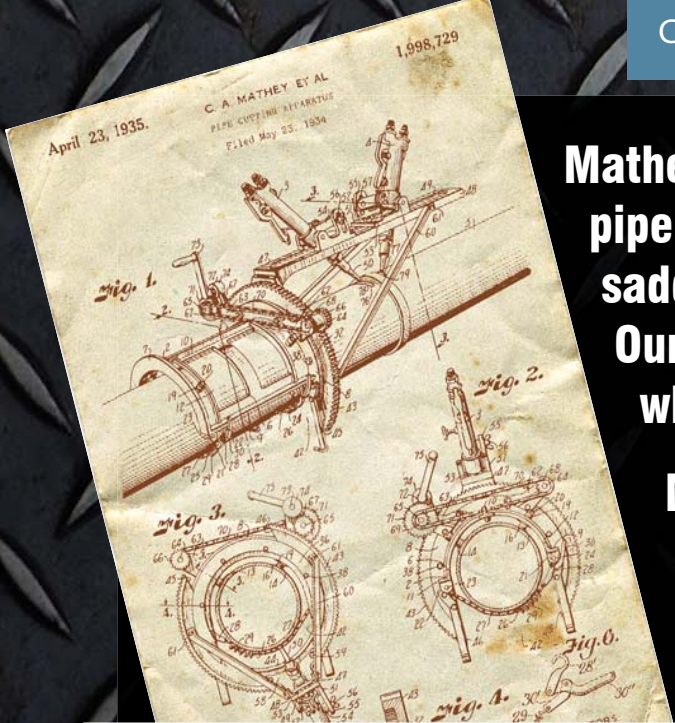


PROTECT YOUR INVESTMENT | Our heavy-duty Storage Boxes are specifically designed for transportation and storage

STAY ORGANIZED | Plenty of room to conveniently store accessories and Spacer Bolts when not in use



Model	Item Number	Dimensions in (mm)	For Manual or Motorized	Box Type	Est. Shipping Weight
MSA	03.0100.BOX	17 x 17 x 17 (432 x 432 x 432)	Manual Only	METAL	23 lbs / 11 kg
1SA	03.0101.BOX	20 x 18 x 17 (205 x 457 x 432)	Manual Only	METAL	33 lbs / 15 kg
2SA	03.0102.BOX	25 x 22 x 18 (635 x 559 x 457)	Manual Only	METAL	41 lbs / 19 kg
3SA	03.0103.BOX	34 x 34 x 14 (864 x 864 x 356)	Manual or Motorized	WOOD	60 lbs / 27 kg
4SA	03.0104.BOX	40 x 38 x 14 (1016 x 965 x 356)	Manual or Motorized	WOOD	75 lbs / 34 kg
5SA	03.0105.BOX	42 x 40 x 14 (1067 x 1016 x 356)	Manual or Motorized	WOOD	75 lbs / 34 kg
6SA	03.0106.BOX	56 x 48 x 16 (1422 x 1219 x 406)	Manual Only	WOOD	175 lbs / 79 kg
8SA	03.0108.BOX	70 x 56 x 19 (1778 x 1422 x 483)	Manual Only	WOOD	250 lbs / 102 kg



Mathey has been the leader in pipe cutting since we invented the saddle machine in 1934. Our new CNC Saddle Machines prove what the professionals know...

Mathey continues to set the standard!

Check with our website for our expanding size range - mathey.com.



We've taken the industry's most trusted pipe cutting machines and made them...well, smarter.

For decades, CNC pipe profiling has been reserved for folks with big budgets, spare shop floor space and lots of time for training. Thanks to our amazingly simple and affordable CNC Saddle Machines, those days are long gone. With the industry's most trusted pipe cutting and beveling machines as their foundation, we've engineered a compact 2-axis pipe profiling system that performs like a big stationary machine, but without the complexity or cost. Lightweight enough to be mounted and operated by one person, three models of machines cover pipe sizes ranging from 1½" to 12". Mathey CNC machines are able to produce an almost infinite number of profiles, like miters and saddles plus openings including rectangles and squares. Compared to time and material wasting manual methods, our CNC machines literally create precision profiles in just minutes. When not in use, storage and transportation are safe and secure thanks to the rugged molded HPDE case with custom-designed foam insert that is included with each machine. CNC Saddle Machines perform well with either oxy/fuel or plasma machine torches and require only standard 115 or 230-volt power to operate.

SIMPLE | Icon-driven laptop control screens let users follow an intuitive cut selection process; no programming required

COMPREHENSIVE | Literally millions of cuts available including the ability to utilize custom shapes (Contact Mathey CNC support for details and pricing)

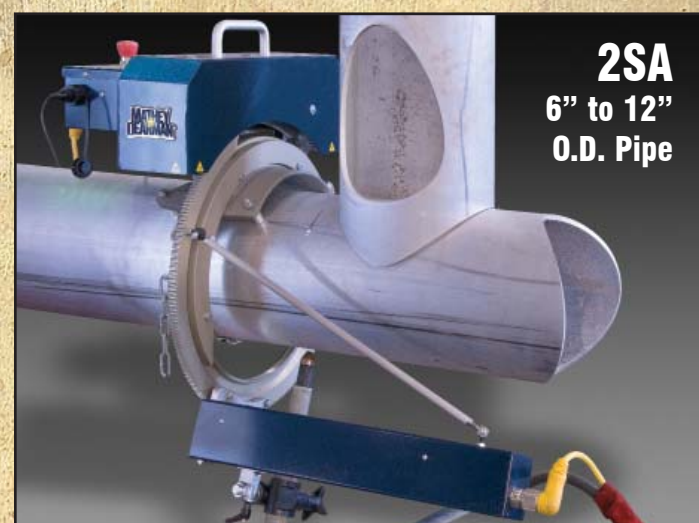
COMPACT | Portable design means no permanent installation or dedicated shop space necessary

ADAPTABLE | Works with standard machine torches, including plasma

RUGGED | Based on our proven and reliable Saddle Machines with industrial-grade electronics and cabling

CNC Saddle Machines Include:

- 115/230 VAC CNC Saddle Machine Base Unit
- Lead Screw Assembly
- Torch Holder Assembly
- Boomer Assembly
- Industrial Grade Automation Connector Cable
- Spacer Bolt Set
- Parts and Operating Manual
- Computer to Machine Industrial USB Cable
- 15' Power Supply Cable
- Mathey CNC Software (USB Memory Stick) for Windows®
- HDPE Shipping and Storage Case w/ Custom Foam Insert



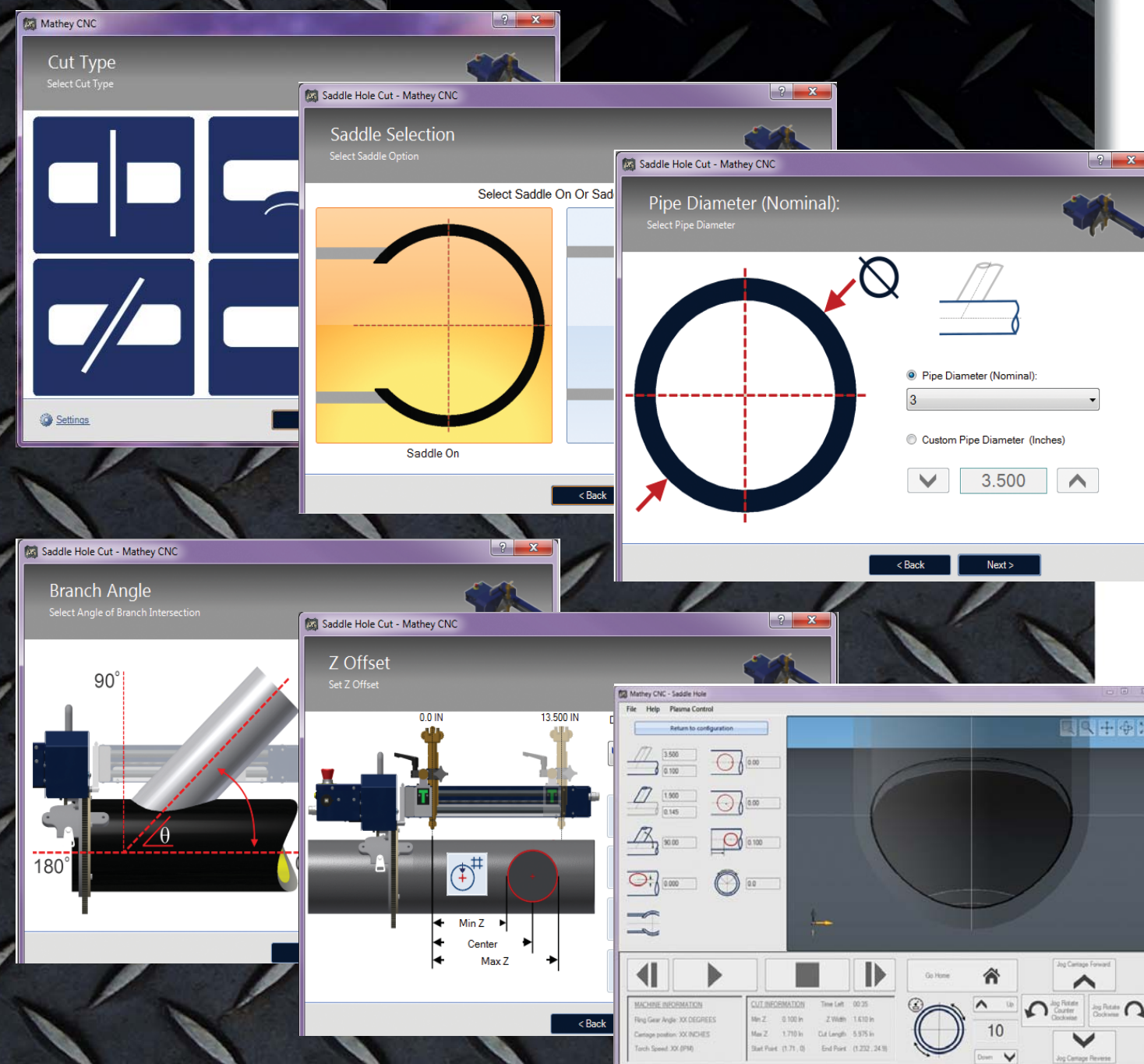
Item Number	Model	Pipe Sizes (NPS)
03.0117.MSA	MSA	1½, 2, 2½, 3, 3½, 4
03.0117.1SA	1SA	3, 3½, 4, 5, 6, 8
03.0117.2SA	2SA	6, 8, 10, 12
03.0117.SET	All 3 Above	1½ thru 12
03.0117.000	Software Only	All Models



Innovative pipefitter-friendly software interface:

Step-by-step software gives you complete control

- Operates on a common Windows laptop
- Simple icon-driven control screens
- Step-by step cut selection process
- Requires little to no training, set up and make cuts in minutes
- Dynamic on-screen display of cut
- Cutting speed can be user controlled during cut
- Automatic storage of previous cuts
- Multiple cut sequencing for automating common tasks
- Plasma torch auto-fire and stop control



MINI JOLLI CHAIN MACHINE

Extremely rugged yet lightweight, the Mini Jolli is our most popular chain cutting and beveling machine. Recommended for cutting a very broad range of pipe and vessels, the Mini Jolli Chain Machine easily adjusts from one pipe size to the next, precisely following the outside pipe diameter to produce a consistent bevel. The Mini Jolli's unique, compact design delivers exceptional performance and accurate results. Cuts pipe diameters 2" (51 mm) and larger.

- BEST CHOICE** | For small shop or maintenance facility
- BEST MACHINE** | For multiple pipe diameters
- FASTER** | Up to 50% faster than hand cutting and grinding
- ACCURATE** | Two wheel positions, Double Row Chain and available Guide Track ensure precision cutting and beveling

Mini Jolli Chain Machine Includes:

- Base machine
- Torch Arm
- Service Keys
- Sliding Support
- Hose Support
- Rack-adjustable Torch Holder
- Parts and Operating Manual

Optional Accessories:

- Cotter Pin Drive Chain
- Machine cutting torch
- Storage box
- Out-of-Round Roller Attachment
- Guide Track

NOTE: FOR MAXIMUM CUTTING AND BEVELING ACCURACY THE USE OF OUR OPTIONAL GUIDE TRACK IS RECOMMENDED FOR PIPE OR VESSELS 18 INCHES (457 MM) IN DIAMETER AND LARGER.

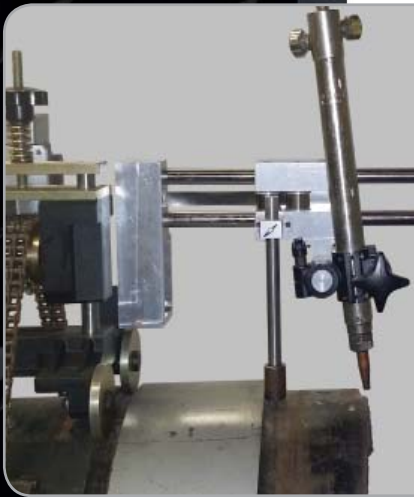
ITEM NO. 05.0520.000
TORCH SOLD SEPARATELY

MINI JOLLI OPTIONS |

- TORCH HOLDER** | Your choice of either a 32-pitch or a metric Torch Holder for a 1 3/8" (35 mm) diameter machine torch
- VARIABLE-SPEED MOTORIZED MODELS** | Choosing a 115 VAC or 230 VAC motorized machine significantly reduces grinding
- DRIVE CHAIN KITS** | Convenient double-cottered Drive Chain sold separately for all standard pipe and tubing sizes (custom sizes on request)
- CONTOUR CUTTING ATTACHMENT** | Creates highly accurate saddle and shallow miter angles requiring little or no grinding

MINI JOLLI ACCESSORIES |

- DUAL TORCH HOLDER** | 2nd torch holder support and torch holder available for increased productivity
- GUIDE TRACK** | Fast setup for more accurate cutting of large pipe and vessel diameters above 18". Individual sections available to extend Guide Track range
- REMOTE DRIVE CABLE** | 9' (2.7M) and 14' (4.3M) flexible drive cables for remote operation
- TORCHES & TIPS** | Mathey Dearman offers a wide variety of torches and tips for all types of cutting gases
- OUT-OF-ROUND ROLLER ATTACHMENT** | keeps torch at constant height above pipe, minimizing notching when crossing a weld seam



The available Out-of-Round Roller Attachment mini-mizes pipe notching when crossing a weld seam.

MINI JOLLI

Model	Item Number	Est. Shipping Weight
Manual Mini Jolli	05.0520.000	34 lbs / 15.4 kg
Motorized Mini Jolli, 115 VAC	05.0520.M00	67 lbs / 30.4 kg
Motorized Mini Jolli, 230 VAC	05.0520.M04	67 lbs / 30.4 kg

**Includes 32-pitch torch holder. Add an E to the end of the item number shown to order a Mini Jolli with a metric torch holder.*

MINI JOLLI CHAIN MACHINE | ACCESSORIES

DOUBLE-ROW
COTTER PIN CHAIN

Move quickly from one pipe size to another with our Double-row Cotter Pin Chain designed for the Mini Jolli Chain Machine. Simply remove the cotter pins to add or remove sections of chain. Every link is a master link.

MINI JOLLI DRIVE CHAINS

Description	Wheel Position	Item Number	Est. Shipping Weight
Drive Chain Kit for 2" Pipe	1	01.0520.002	2 lbs / 1 kg
Drive Chain Kit for 3" Pipe	1	01.0520.003	2 lbs / 1 kg
Drive Chain Kit for 4" Pipe	2	01.0520.004	2 lbs / 1 kg
Drive Chain Kit for 6" Pipe	2	01.0520.006	3 lbs / 1.4 kg
Drive Chain Kit for 8" Pipe	2	01.0520.008	4 lbs / 1.8 kg
Drive Chain Kit for 10" Pipe	2	01.0520.010	4 lbs/ 1.8 kg
Drive Chain Kit for 12" Pipe	2	01.0520.012	5 lbs / 2 kg
Drive Chain Kit for 16" Pipe	2	01.0520.016	6 lbs / 2.7 kg
Drive Chain Kit for 18" Pipe	2	01.0520.018	6 lbs / 2.7 kg
Drive Chain Kit for 20" Pipe	2	01.0520.020	7 lbs / 3 kg
Drive Chain Kit for 24" Pipe	2	01.0520.024	8 lbs / 3.6 kg
Drive Chain Kit for 28" Pipe	2	01.0520.028	9 lbs / 4 kg
Drive Chain Kit for 30" Pipe	2	01.0520.030	9 lbs / 4 kg
Drive Chain Kit for 32" Pipe	2	01.0520.032	10 lbs / 4.5 kg
Drive Chain Kit for 36" Pipe	2	01.0520.036	11 lbs / 5 kg
Drive Chain Kit for 40" Pipe	2	01.0520.040	12 lbs / 5.4 kg
Drive Chain Kit for 42" Pipe	2	01.0520.042	13 lbs / 5.9 kg
Drive Chain Kit for 48" Pipe	2	01.0520.048	14 lbs / 6.4 kg
Drive Chain Kit for 50" Pipe	2	01.0520.050	15 lbs / 6.8 kg
Drive Chain Kit for 52" Pipe	2	01.0520.052	15 lbs / 6.8 kg
Drive Chain Kit for 56" Pipe	2	01.0520.056	17 lbs / 7.7 kg
Drive Chain Kit for 60" Pipe	2	01.0520.060	18 lbs / 8.2 kg

Visit our website at www.mathey.com, under Support, for our Drive Chain Length Calculator.

MOTORIZING KITS

Upgrade your current Mini Jolli Chain Machine with our motorizing kit for even faster and more accurate cutting and beveling. This easy to install kit takes just minutes to add. Available in 115 VAC or 230 VAC versions.



ITEM NO. 05.0510.114 • 05.0510.117



9' ITEM NO. 05.0510.FDC | 14' ITEM NO. 05.052.FD14



MINI JOLLI: ITEM NO. 05.0510.BOX



ITEM NO. 05.0510.301



ITEM NO. 05.0510.302

ADAPTER FOR PLASMA TORCH HOLDERS | Adapts customer-supplied torch holders to Mathey Dearman Mini Jolli Chain Machines.



SLIDING SUPPORT AND TORCH HOLDER | Add a second sliding support and torch holder giving your Jolli Chain Machine the ability to bevel both sides of the cut line simultaneously.

REMOTE CABLE DRIVE | Operate your Jolli Machine remotely when cutting large diameter pipe by attaching our flexible Drive Cable. Cable available in lengths of 9' (2.7m) and 14' (4.3m).

HEAVY DUTY STORAGE BOX | Perfect for shipping and storing your Mathey Dearman Jolli Chain Machine, this rugged box is constructed from steel with a durable powder coat finish.

OPTIONAL TORCH HOLDER FOR PLASMA TORCH | Elevates the Mini Jolli Torch Holder to the correct position for use with plasma torches.

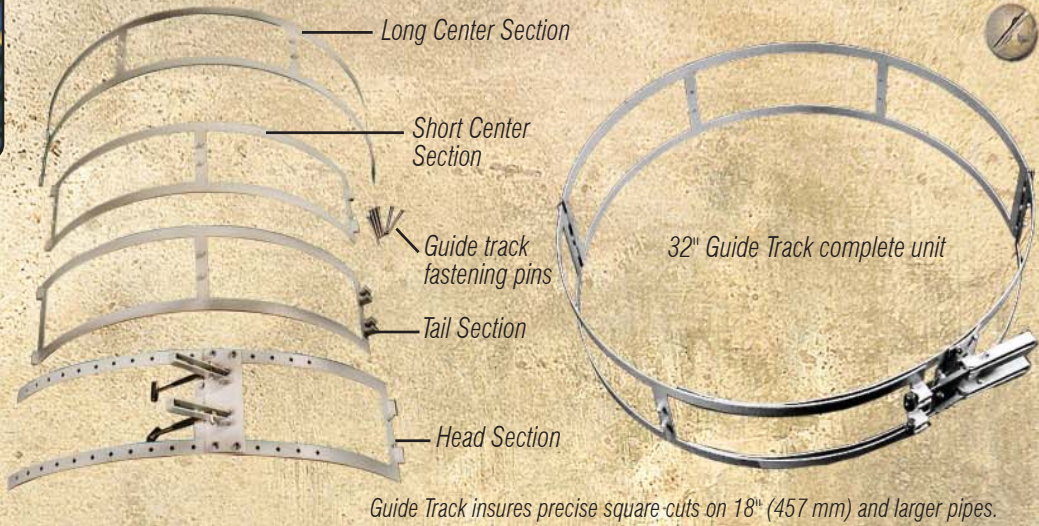
ADAPTER FOR PLASMA TORCH HOLDERS | Adapts customer-supplied torch holders to Mathey Dearman Mini Jolli Chain Machines.



GUIDE TRACKS

Mini Jolli Guide Tracks ensure optimum cut accuracy and fit-up while reducing set-up time up to 20%. Guide Tracks are designed for use on horizontal and vertical pipes 18" (457 mm) and larger, and are required when using the Contour Cutting Attachment.

Track components can be added and removed as needed when changing pipe diameters and are sold in four main sections:



GUIDE TRACK ORDERING GUIDE

NOTE: EACH SECTION INCLUDES TWO (2) PINS

Model	Head Section	Tail Section	Short Center Section	Long Center Section
Mini Jolli	05.0520.013B	05.0520.013D	05.0520.013C	05.0521.013A
Weight (lbs / kg)	4.7 / 2	3.6 / 1.6	3.2 / 1.5	4.3 / 2
Pipe Range in (mm)	Guide Track Section(s) Required			
18 - 22 (458 - 559)	1	1		
18 - 32 (610 - 813)	1	1	1	
18 - 36 (864 - 914)	1	1	1	1
18 - 48 (1118 - 1219)	1	1	2	2
18 - 52 (1270 - 1321)	1	1	2	2
18 - 58 (1372 - 1473)	1	1	2	2
18 - 64 (1524 - 1625)	1	1	3	1
18 - 72 (1674 - 1829)	1	1	2	2

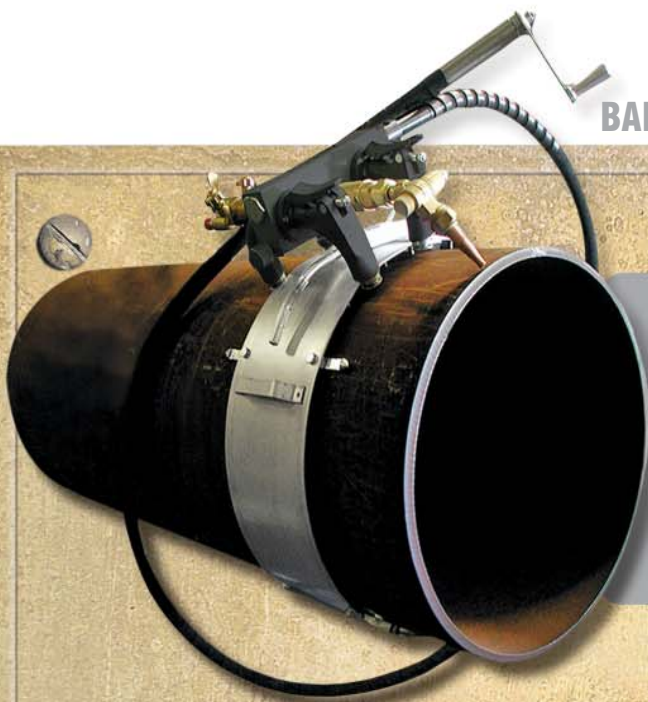
For pipe sizes larger than 72" (1828 mm) contact the Mathey Dearman sales department for assistance in selecting the correct Guide Track components.

JOLLI CHAIN MACHINE | ACCESSORIES

Accessory Description	Item Number	Est. Shipping Weight
Mini Jolli Motorizing Kit - 115 VAC	05.0510.A01	13 lbs / 6 kg
Mini Jolli Motorizing Kit - 230 VAC	05.0510.A04	24 lbs / 13.6 kg
Sliding Support for 2nd Torch	05.0510.114	1 lbs / .5 kg
1 3/8" (35 mm) Torch Holder with 32-pitch pinion	05.0510.117	.7 lbs / .3 kg
1 3/8" (35 mm) Torch Holder with metric pinion	05.0510.117E	.7 lbs / .3 kg
9' (274 cm) Flexible Remote Drive Cable	05.0510.FDC	12 lbs / 5.4 kg
14' (427 cm) Flexible Remote Drive Cable	05.0510.FD14	15 lbs / 6.8 kg
Out-of-Round Roller Attachment	05.0520.300	7 lbs / .3 kg
Storage Box	05.0520.BOX	28 lbs / 12.7 kg
Plasma Adapter - customer supplied torch	05.0510.301	2 lbs / 1 kg
Plasma Adapter - elevates Mini Jolli Torch Holder	05.0510.302	4 lbs / 2 kg
15' Extension Cord (USA Model only)	03.0203.020	1.2 lbs / 0.5 kg
Protective Leather Sleeve for power cord (recommended)	05.0550.SLV	1.5 lbs / 0.7 kg

NOTE: A step-down transformer is also available for international voltages.

BAND CRAWLER CUTTING AND BEVELING MACHINES



Band Crawler Includes:

- | Adjustable-height Torch Carrier
- | 9' (2.7 M) or 14' (4.3 M) Flexible Drive Cable
- | Parts and Operating Manual

NOTE: MACHINE TORCH AND TORCH ANGLE HEAD ADAPTER SOLD SEPARATELY

MOTORIZED BAND CRAWLER



PRECISE | Band conforms precisely to the out-of-round condition of the pipe to maintain consistent cutting tip distance from pipe surface

SIMPLE | One person can set up and cut horizontal or vertical pipes as large as 48" (1219 mm)

LOW PROFILE | Requires as little as 10 1/2" (267 mm) of radial clearance

ONE SIZE FITS ALL | One Band Crawler fits all Band sizes

FAST | 60% faster than hand cutting and grinding

PLASMASPEED | Available with PlasmaSpeed Digital Motor Control



The ideal solution for cutting and beveling in close quarters, our Band Crawler requires as little as 6" (153 mm) of clearance around the pipe. Install the stainless steel Band anywhere on the pipe and it conforms to the pipe shape, producing a consistent precise bevel, even on severely out-of-round pipe. Our lightweight Band Crawler can be quickly set up and operated by one person on pipe as large as 60" (1524 mm). Bands 48" (1219 mm) and larger feature a standard stiffening rib which simplifies one-person set-up.

BAND CRAWLER OPTIONS

MOTORIZING KITS | Variable-speed 115 VAC or 230 VAC available

FLEXIBLE DRIVE CABLE | 9' (2.7m) length for pipe diameters up to 30" or 14' (4.3m) length for pipe diameters over 30"

BANDS | Bands for all sizes of pipe and vessels 6" (152 mm) and larger

The Motorized Band Crawler can increase cutting and beveling efficiency of large diameter pipes up to 60% and is the quickest and easiest cutting tool to set up on vertical pipe.

BAND CRAWLER MODELS

Model	Item Number	Est. Shipping Weight
Band Crawler with 9' (2.7m) Flexible Drive Cable	05.0116.009	26 lbs / 12 kg
Band Crawler with 14' (4.3m) Flexible Drive Cable	05.0116.014	30 lbs / 14 kg
115 VAC Motorized Band Crawler, plasma speed	05.0116.M07	27 lbs / 12.35 kg
230 VAC Motorized Band Crawler, plasma speed	05.0116.M08	27 lbs / 12.35 kg



BAND CRAWLER | POPULAR ACCESSORIES

TORCH ANGLE HEAD ADAPTER | Allows the torch tip to be adjusted for any angle from a square cut (no bevel) to a bevel angle up to 90 degrees while also allowing torch lead or lag angle adjustment.

ITEM NO. 05.0200.003



RIGHT ANGLE DRIVE ADAPTER | Permits the Flexible Drive Cable to pivot 180 degrees on the end of the Band Crawler, lowering the profile of the Crawler to 6" (153 mm).

ITEM NO. 05.0116.030



DRIVE CABLE | Enables the motorized Band Crawler to be retrofitted to manual operation. Available in 9' (2.7m) and 14' (4.3m) lengths.

ITEM NO. 05.0116.022 ITEM NO. 05.0116.031



RACK ADJUSTABLE TORCH ARM | Allows both horizontal and vertical adjustment of the torch in relationship to the pipe surface.

ITEM NO. 05.0116.032



DOUBLE TORCH ARM | Makes two cuts and bevels simultaneously, reducing cutting time and labor.

ITEM NO. 05.0116.039



BANDS

Pipe Size in (mm)	Item Number	Est. Shipping Weight
6" (152 mm)	05.0104.006	5 lbs / 2 kg
8" (203 mm)	05.0104.008	6 lbs / 3 kg
10" (254 mm)	05.0104.010	7 lbs / 3 kg
12" (305 mm)	05.0104.012	7 lbs / 3 kg
14" (356 mm)	05.0104.014	11 lbs / 5 kg
16" (406 mm)	05.0104.016	12 lbs / 5 kg
18" (457 mm)	05.0104.018	14 lbs / 6 kg
20" (508 mm)	05.0104.020	16 lbs / 7 kg
22" (559 mm)	05.0104.022	17 lbs / 8 kg
24" (610 mm)	05.0104.024	18 lbs / 6 kg
26" (660 mm)	05.0104.026	20 lbs / 9 kg
28" (711 mm)	05.0104.028	22 lbs / 10 kg
30" (762 mm)	05.0104.030	25 lbs / 11 kg
32" (813 mm)	05.0104.032	26 lbs / 12 kg
34" (864 mm)	05.0104.034	27 lbs / 12 kg
36" (914 mm)	05.0104.036	29 lbs / 13 kg
38" (965 mm)	05.0104.038	31 lbs / 14 kg
40" (1016 mm)	05.0104.040	33 lbs / 15 kg
42" (1067 mm)	05.0104.042	36 lbs / 16 kg
44" (1118 mm)	05.0104.044	39 lbs / 18 kg
46" (1168 mm)	05.0104.046	43 lbs / 20 kg
48" (1219 mm)	05.0104.048	90 lbs / 41 kg
50" (1270 mm)	05.0104.050	92 lbs / 42 kg
52" (1321 mm)	05.0104.052	96 lbs / 44 kg
54" (1372 mm)	05.0104.054	100 lbs / 45 kg
56" (1422 mm)	05.0104.056	106 lbs / 48 kg
58" (1473 mm)	05.0104.058	110 lbs / 50 kg
60" (1524 mm)	05.0104.060	115 lbs / 52 kg

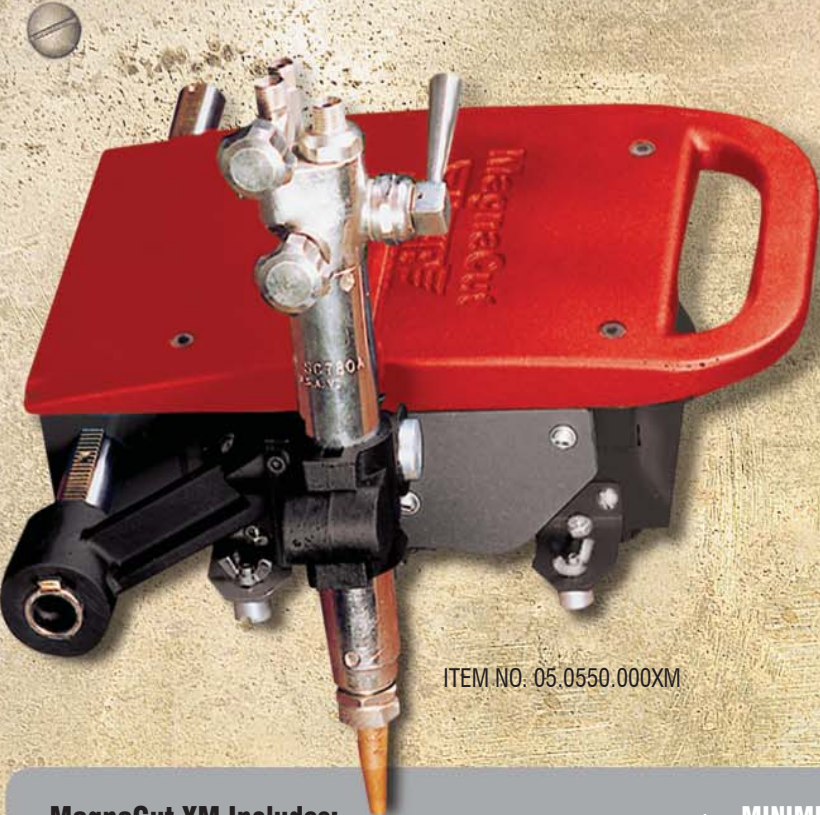
NOTE: Bands from 6" to 12" (152 mm to 305 mm) are made from 14 gauge stainless steel. Bands 14" (356 mm) and larger are made from 12 gauge stainless steel.

BAND CRAWLER ACCESSORIES

Item/ Assembly Description	Item Number	Est. Shipping Weight
Motorizing Retrofit Kit, 115 VAC	05.0116.A07	9 lbs / 4 kg
Motorizing Retrofit Kit, 230 VAC	05.0116.A08	9 lbs / 4 kg
Rack-Adjustable Torch Arm	05.0116.032	3 lbs / 1.4 kg
Double Torch Arm	05.0116.039	4 lbs / 1.8 kg
Right Angle Drive Adapter (for Drive Cable)	05.0116.030	2 lbs / .9 kg
Torch Angle Head Adapter	05.0200.003	1.2 lbs / .5 kg
Protective Leather Cable Sleeve	05.0550.SLV	1.5 lbs / .7 kg

BAND CRAWLER REPLACEMENT PARTS

Item/ Assembly Description	Item Number	Est. Shipping Weight
Replacement Band Latch Assembly		
6" to 12" / 153 to 305 mm	05.0103.100	1.5 lbs / .68 kg
14" and up / 356 mm and up	05.0103.102	1.7 lbs / .77 kg
Crawler Parts		
Grease Fitting	01.0469.003	.1 lbs / .05 kg
Worm Gear Shaft Assembly	05.0116.002	.3 lbs / .14 kg
Worm Gear Shaft Bearing	05.0116.003	.1 lbs / .05 kg
Drive Wheel Assembly (4 Req.)	05.0116.083	15 lbs / .07 kg
Crank Handle Assembly	05.0116.026	.3 lbs / .14 kg
Torch Holder Eccentric	05.0116.008	4 lbs / .18 kg
Set Screw	05.0116.011	.25 lbs / .11 kg
Connector	05.0116.012	.15 lbs / .07 kg
End Plug	05.0116.021	.15 lbs / .07 kg
Flex Drive Cable, 9' / 2.7 m	05.0116.022	12 lbs / 5.4 kg
Flex Drive Cable, 14' / 4.3 m	05.0116.031	15 lbs / 6.8 kg



ITEM NO. 05.0550.000XM

MAGNACUT XM

Featuring a variable-response Motorized Torch Arm, the revolutionary MagnaCut XM cuts, bevels, and welds steel pipe and steel plate without chains, clamps, or other devices. Generating 300 pounds of magnetic force, powerful rare earth magnets in the wheels secure the MagnaCut XM to pipe and plate with a coating of up to .015" (.4 mm) thick. Cuts materials with wall thicknesses up to 3" (76 mm). Each weld or cut is controlled remotely by the handheld Motor Control Box, keeping the operator a safe distance away and allowing the MagnaCut XM to work in hard-to-reach locations such as overhead and on vertical pipes. The MagnaCut XM works with all standard torches including oxy-fuel and plasma, tracking perfectly straight on steel plate when used with 1" x 1" x 1/8 (25mm x 25mm x 3mm) angle as a guide track.

MagnaCut XM Includes:

- | MagnaCut XM machine
- | 115 VAC Motor Control Box
- | Motorized Torch Arm
- | Torch Holder
- | Torch Support
- | Hose Support
- | Safety Strap – 74" (1880 mm) for up to 24" (610 mm) pipe
- | Snap Hooks (2)
- | Service Keys
- | Storage Box
- | Protective Leather Cable Sleeve
- | Parts and Operating Manual

NOTE: MACHINE TORCH SOLD SEPARATELY.

MINIMUM SET-UP | Ready to operate in minutes

VERSATILE | Cuts pipe, plate, walls and overheads

SAFE | Remote control allows operator to work a safe distance from the pipe

STRONG | Rare-earth magnets hold the MagnaCut XM to the pipe surface with 300 pounds of force

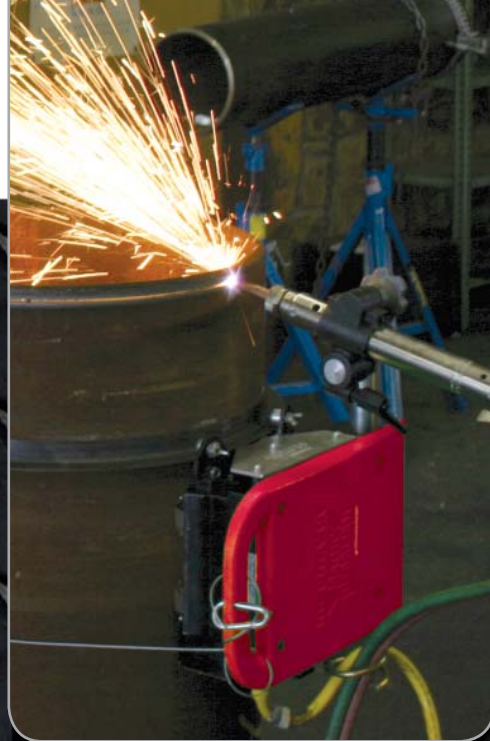
FAST | Up to 80% faster than cutting by hand; cuts or welds up to 40" (1016 mm) per minute

WARNING: MAGNACUT XM SHOULD NOT BE USED ON HEAVY WALL PIPE OR PLATE THICKER THAN 3" (76mm). THE MAGNACUT XM IS NOT DESIGNED FOR USE WITH 1 ¼" (44 mm) OR 2 ½" (64 mm) BARREL PLASMA TORCHES. MAGNACUT XM IS NOT DESIGNED FOR CUTTING SPIRAL WELDED PIPE. ALWAYS SECURE THE MAGNACUT XM TO THE PIPE WITH A SAFETY STRAP. A SAFETY STRAP SHOULD ALSO BE USED IN CONJUNCTION WITH GUIDE TRACKS.

PERSONS WEARING A PACEMAKER SHOULD NOT COME IN CONTACT WITH THIS EQUIPMENT. PLEASE CONTACT MATHEY DEARMAN PRIOR TO ATTEMPTING ANY APPLICATION NOT LISTED IN THIS CATALOG.

MAGNACUT XM AND ACCESSORIES

Model	Item Number	Est. Shipping Weight
MagnaCut XM, 115 VAC	05.0550.000XM	60 lbs / 27 kg
230-115 VAC Step-Down Transformer	01.0759.008	5.5 lbs / 2.5 kg



GUIDE TRACK | For even greater cutting accuracy, a Guide Track can be used to cut pipe or plate with the MagnaCut XM. 1" x 1" x 1/8" (25 mm x 25 mm x 3 mm) thick angle iron can be rolled to fit a specific diameter of pipe, cutting it into two (2) sections and then bolting it together.

MOTOR CONTROL BOX

MagnaCut XM Motor Control Box | The Motor Control Box allows for precise speed, forward and reverse control of the MagnaCut XM. The Torch Arm Toggle Switch on the Motor Control Box is spring loaded for accurate location of the cutting or welding torch during use.



MagnaCut XM can be used to cut pipe with wall thickness up to 3" (76 mm).



MagnaCut XM can be used on pipe with coating up to 0.015" (0.4 mm) thick.

MAGNACUT XM TECHNICAL SPECIFICATIONS

Description	MagnaCut XM
Method of Attachment to Pipe or Plate	Rare Earth Magnets
Magnetic Pull per Wheel Assembly	150 lbs / 68 kg
Maximum Pipe Coating Thickness	Up to 15 mils or .015" / .4 mm thick.
Set-up Time	2 Minutes or less
Cutting Range (Pipe O.D.)	6 5/8" / 168 mm and larger
Cutting Range (Pipe I.D.)	24" / 610 mm and larger
Vertical Cutting Capability	Pipe or Plate
Horizontal Cutting Capability	Pipe or Plate
Diagonal Cutting Capability	Plate only
Miter or Saddle Cutting Capability on Pipe	Shallow Miters or Saddles only
Minimum Speed	2" / 51 mm per Minute
Maximum Speed	40" / 1016 mm per Minute
Net Weight	37 lbs / 16.7 kg
Shipping Dimensions	24 1/2" x 8 7/8" x 19 1/2" / 622 x 225 x 495 mm
Machine Dimensions	
Width (Torch Arm Extended)	17" / 432 mm
Length	14" / 356 mm
Height	5 1/4" / 133 mm
Electrical Requirement	115 VAC or 230 VAC (with Transformer)



Torch Elevation Adapter:
Designed to elevate the MagnaCut XM torch holder to accommodate a plasma machine torch or a machine welding torch. (Torch and torch rack sold separately)

Item No. 05.0510.301



Torch Elevation Adapter for Non-Mathey Dearman Torch Holder:
Designed to adapt to torch holders other than supplied with MagnaCut XM. Torch and Torch Rack sold separately.

Item No. 05.0510.302

MAGNACUT XM PARTS AND ACCESSORIES

	Item Number	Est. Shipping Weight
1 3/8" / 35 mm Torch Holder with 32 Pitch Pinion	05.0510.117	0.7 lbs / 0.3 kg
1 3/8" / 35 mm Torch Holder with Metric Pinion	05.0510.117E	0.7 lbs / 0.3 kg
115 VAC Motor Control Box	05.0550.110	7.7 lbs / 3.5kg
Fuse, 3 Amp Time Delay	05.0550.038	0.0 lbs / 0.0 kg
230-115 VAC Step-Down Transformer	01.0759.008	5.5 lbs / 2.5 kg
12' / 3.7 M Extension Cord	05.0550.014	0.9 lbs / 0.4 kg
24 VDC Torch Arm Motor	05.0550.055	0.8 lbs / 0.4 kg
100 VDC Drive Motor	05.0550.016	0.9 lbs / 0.4 kg
Snap Hook (2 required)	05.0550.035	0.1 lbs / 0.0 kg
Safety Cable, 24" / 610 mm Diameter	05.0550.052	1.8 lbs / 0.8 kg
Plasma Adapter, Non-Mathey Torch Holder	05.0510.301	2.0 lbs / 0.9 kg
Plasma Adapter, Elevates MagnaCut Torch Holder	05.0510.302	4.0 lbs / 1.8 kg
Protective Leather Cable Sleeve	05.0550.SLV	1.5 lbs / 0.7 kg

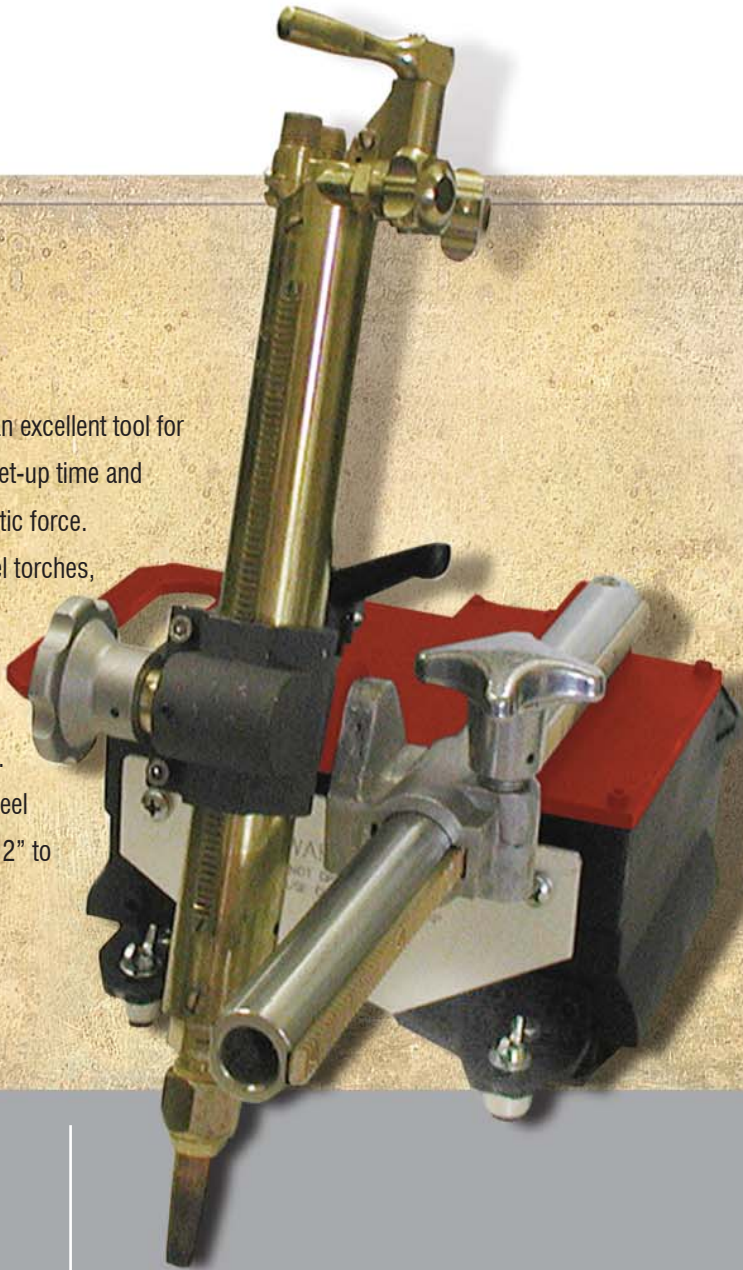
MAGNACUT XM GUIDE TRACK

Pipe Diameter in (mm)	Item Number	Est. Shipping Weight
18 (457)	05.0550.218	6 lbs / 3 kg
20 (508)	05.0550.220	7 lb s / 3 kg
24 (610)	05.0550.224	8 lbs / 4 kg
28 (711)	05.0550.228	8.5 lbs / 4 kg
30 (762)	05.0550.230	9 lbs / 4 kg
32 (813)	05.0550.232	10 lbs / 5 kg
36 (914)	05.0550.236	11 lbs / 5 kg
42 (1067)	05.0550.242	13 lbs / 6 kg
48 (1219)	05.0550.248	15 lbs / 7 kg

CONTACT OUR SALES DEPARTMENT FOR LARGER O.D. AND I.D. GUIDE TRACKS

MINIMAG XM

Like the MagnaCut XM, the versatile MiniMag XM is an excellent tool for cutting, beveling, and welding. It requires minimum set-up time and secures to work surfaces with 300 pounds of magnetic force. The MiniMag XM can be used with plasma or oxy-fuel torches, but unlike the larger MagnaCut XM, does not offer a motorized torch arm. The MiniMag XM cuts pipe and plate with a coating up to .015" thick, and will cut materials with wall thicknesses up to 3" (76 mm). The MiniMag XM can also make flawless welds on steel plate and other flat surfaces, with travel speeds from 2" to 40" (51 mm to 1016 mm) per minute.



- | 115 VAC or 230 VAC MiniMag XM Machine
- | Storage Box
- | Motor Control Box
- | Torch Arm
- | Torch Holder
- | Sliding Support
- | Safety Cable fits up to 24" (610 mm) pipe
- | Snap Hooks (2)
- | Cable Latch
- | Protective Leather Cable Sleeve
- | Parts and Operating Manual

NOTE: MACHINE TORCH SOLD SEPARATELY.

QUICK | Sets up and is ready to cut in minutes

VERSATILE | Makes horizontal and vertical cuts, bevels plate and pipe at angles to 45 degrees

FLEXIBLE | Works with all standard torches (including plasma)

PRECISE | Meets even the most exacting cutting specifications

FAST | Up to 80% faster than cutting by hand

CAUTION: The MiniMag XM should not be used on heavy wall pipe or plate thicker than 3" (76 mm)
Persons wearing a Pacemaker should not come in contact with this equipment.



Cutting and welding on vertical pipe and plate is accomplished safely and with ease when the MiniMag XM is used with an optional Guide Track.



The ability to precisely control cutting speed helps the MiniMag XM and a plasma torch create perfect cuts and bevels that require little or no grinding.

MINIMAG XM TECHNICAL SPECIFICATIONS

Description	
Method of Attachment	Rare Earth Magnets
Holding Force	150 lbs / 68 kg per Wheel Assembly 300 lbs (136 Kg) Total
Set Up Time	2 Minutes or less
Minimum Cutting Range	O.D. - 6 5/8" / 168 mm I.D. - 24" / 610 mm
Minimum Speed	2" / 51 mm per minute
Maximum Speed	40" / 1016 mm per minute
Net Weight	31 lbs / 14 kg
Shipping Dimensions	24" x 8 7/8" x 19 1/2" / 622 x 255 x 495 mm
Dimensions	
Width	17" (432 mm)
Length	13" (330 mm)
Height	9" (229 mm)
Electrical Requirement	115 VAC or 230 VAC

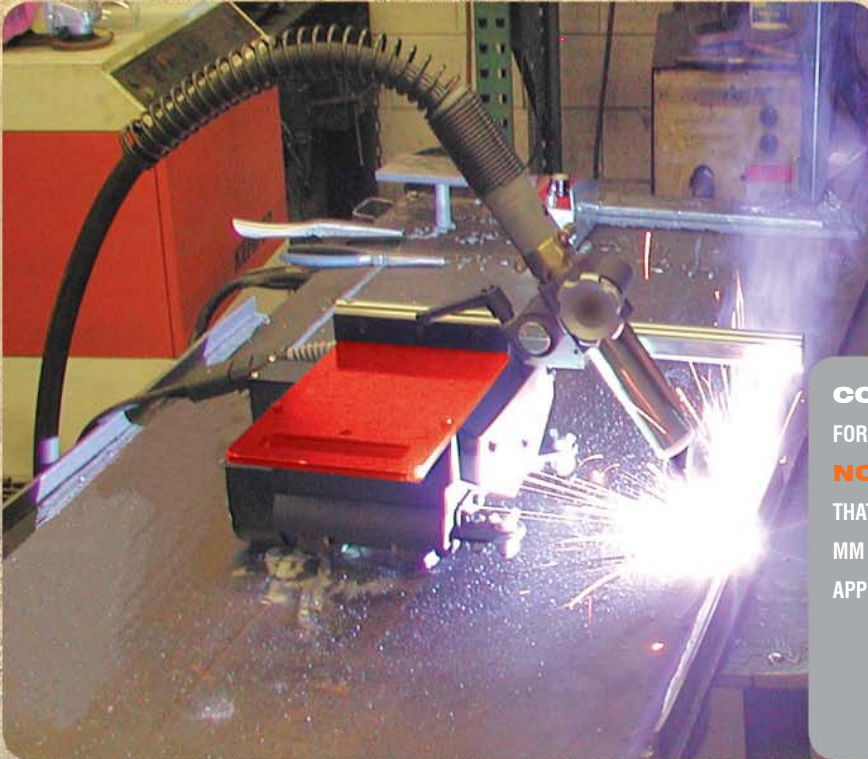


Custom Storage Box included

MINIMAG XM AND ACCESSORIES

Model	Item Number	Est. Shipping Weight
MiniMag XM, 115 VAC	05.0550.MINIXM	39 lbs / 17.6 kg
MiniMag XM, 230 VAC	05.0550.MINIXM2	39 lbs / 17.6 kg

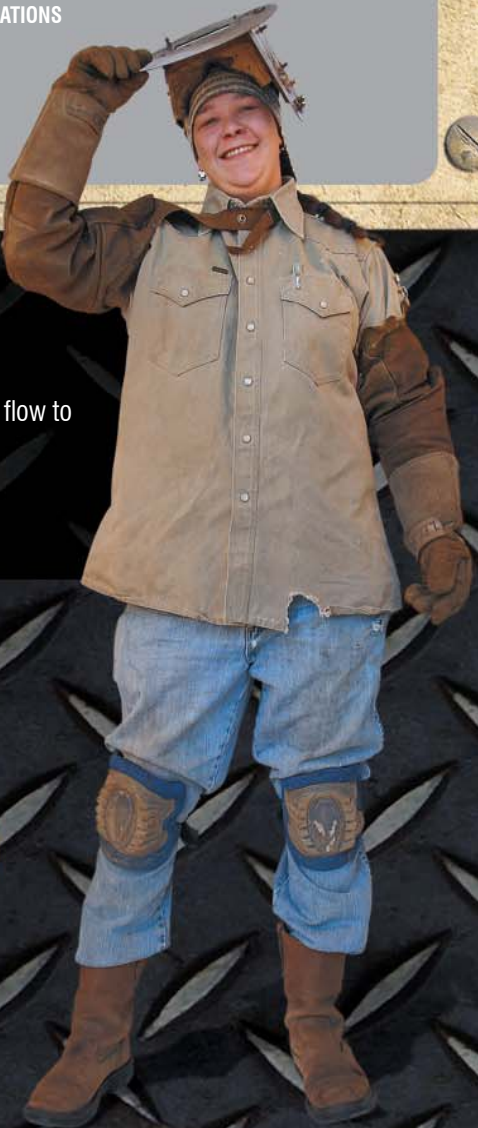
MINIMAG XM WELDING



In addition to perfect cuts and bevels, the MiniMag XM can make flawless welds on steel plate and other flat surfaces, moving at speeds from 2" to 40" (51 mm to 1016 mm) per minute. The machine is remotely controlled by the handheld Motor Control Box, keeping the operator a safe distance from the work.

CONTACT MATHEY DEARMAN TECHNICAL SALES FOR DETAILS ON WELDING WITH THE MINIMAG XM

NOTE: THE MINIMAG XM IS EQUIPPED WITH GUIDES THAT CAN BE USED WITH 1" X 1" X 1/8" (25 MM X 25 MM X 3 MM) ANGLE IRON FOR VERTICAL WELDING APPLICATIONS



OXY-FUEL ACCESSORY: TORCH SHUT-OFF VALVE

Our Torch Shut-Off Valve allows the operator, with a simple flip of a switch, to shut-off gas flow to the torch without changing the oxygen and fuel settings. Inlets and outlets are 9/16"-18 hose thread.



ITEM NO. 05.0200.014

TORCHES

Mathey Dearman offers professional grade torches and accessories including oxy-fuel torches with 1 3/8" (35 mm) barrel diameter, with and without Torch Rack. Check Valves are included with all torches sold in the United States and are available for most fuel gases.

SELECTING THE RIGHT TORCH

Machine torch selection depends on the machine type and pipe diameter. Please refer to the following charts and photos for the best torch to use with each Mathey Dearman machine and cutting application. The Mathey Dearman sales staff is well-trained and ready to answer your questions, if you need help. Just pick up the phone or email us at sales@mathey.com



Getting the right cut and bevel requires the right torch and tip. Mathey Dearman's professional grade torches and accessories, available in all standard diameters and fuel types, can handle any size pipe and working conditions.

MATHEY MACHINE TORCH



Item No. 05.0300.005 w/o rack
Item No. 05.0300.008 w/ rack

VICTOR MACHINE TORCH MT204A



Item No. 05.0200.001

VICTOR MACHINE TORCH MT210A



Item No. 05.0200.002
32 Pitch Rack for MT210A - 05.0200.004

MACHINE TORCH SELECTION CHART FOR MATHEY DEARMAN
MACHINES AND PIPE DIAMETERS

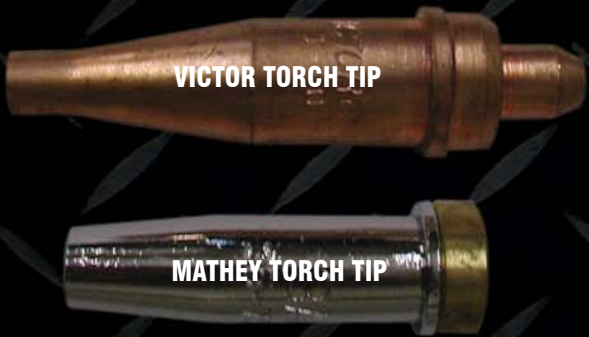
Model	Item No. 05.0200.001 Victor MT204A 4.5" Machine Torch	Item No. 05.0200.002 Victor MT210A 10" Machine Torch	Item No. 05.0200.003 Victor Torch Angle Head Adapter	Item No. 05.0300.005 8" Mathey Torch w/o Rack	Item No. 05.0300.008 8" Mathey Torch w/ Rack
MSA	4" (102 mm) only	1 1/2" to 4" (38 to 102 mm)		4" (102 mm) only	
1SA	8" (203 mm) only	3" to 8" (76 to 203 mm)		8" (203 mm) only	
2SA	12" (305 mm) only	6" to 12" (152 to 305 mm)		12" (305 mm) only	
3SA		12" to 20" (305 to 508 mm)			
4SA		20" to 25" (508 to 635 mm)			
5SA		24" to 30" (610 to 762 mm)			
6SA		24" to 30" (610 to 762 mm)			
8SA		40" to 48" (1016 to 1219 mm)			
MagnaCut XM	All diameters with bevel angles to 20 degrees	All diameters with bevel angles to 37 1/2 degrees			
MiniMag XM	All diameters with bevel angles to 20 degrees	All diameters with bevel angles to 37 1/2 degrees			
Mini Jolli	All diameters with bevel angles to 30 degrees	All diameters with bevel angles to 37 1/2 degrees		All diameters with bevel angles to 37 1/2 degrees	All diameters with bevel angles to 37 1/2 degrees
Maxi Jolli	All diameters with bevel angles to 30 degrees	All diameters with bevel angles to 37 1/2 degrees		All diameters with bevel angles to 37 1/2 degrees	All diameters with bevel angles to 37 1/2 degrees
Band Crawler		All diameters	All diameters		

SELECTING THE PROPER CUTTING TORCH TIP

General rules for calculating material thickness to select the appropriate cutting torch tip are:

- | 15 degree bevel angle is 1 times the pipe wall thickness
- | 30 degree bevel angle is 1.2 times the pipe wall thickness
- | 37 ½ degree bevel angle is 1.3 times the pipe wall thickness
- | 45 degree bevel angle is 1.4 times the pipe wall thickness

EXAMPLE - 8"—Schedule 80 pipe has a wall thickness of .500" (12.7 mm). To calculate the material thickness to be cut at a torch bevel angle of 37 ½ degrees: multiply .500" (12.7 mm) x 1.3 = .650" (16.5 mm).



MACHINE CUTTING TORCH AND ACCESSORIES SELECTION CHART

Description	Item Number	Gas	Barrel Diameter in (mm)	Barrel Length in (mm)	Maximum Cutting Capacity in (mm)	Est. Shipping Weight
Torches						
Victor MT204A 4.5" Machine Cutting Torch**	05.0200.001	All	1 3/8 (35)	4 1/2 (104)	7 (178)	3.4 lbs / 1.54 kg
Victor MT210A 10" Machine Cutting Torch	05.0200.002	All	1 3/8 (35)	10 (254)	7 (178)	4 lbs / 1.8 kg
Victor BHA Torch Angle Head Adapter	05.0200.003	All	N/A	N/A	N/A	1.3 lbs / .59 kg
32 Pitch Rack for Victor MT210A Machine Cutting Torch**	05.0200.004	All	N/A	N/A	N/A	.15 lbs / .70 kg
Machine Torch w/o Rack, Mathey	05.0300.005	All	1 3/8 (35)	10 (254)	8 (203)	3.8 lbs / 1.7 kg
Machine Torch with Rack, Mathey	05.0300.008	All	1 3/8 (35)	10 (254)	8 (203)	3.8 lbs / 1.7 kg
Torch Shut-off Valve						
Torch Shut-Off Valve (Complete)	05.0200.014	All	N/A	N/A	N/A	.95 lbs / .43 kg
Fuel Gas Valve	05.0200.018	All	N/A	N/A	N/A	.4 lbs / .18 kg
Oxygen Valve	05.0200.019	-----	N/A	N/A	N/A	.4 lbs / .18 kg
Y Connector	05.0200.015	All	N/A	N/A	N/A	.3 lbs / .14 kg
Oxygen Hose (use with valve above)	05.0200.016	-----	N/A	N/A	N/A	.4 lbs / .18 kg
Fuel Gas Hose (use with valve above)	05.0200.017	All	N/A	N/A	N/A	.4 lbs / .18 kg

*May also be used on other pressurized fuel gases. **Torch Rack 05.0200.004 can not be used with torch 05.0200.001

CUTTING TIPS | OXY-ACETYLENE AND PROPANE

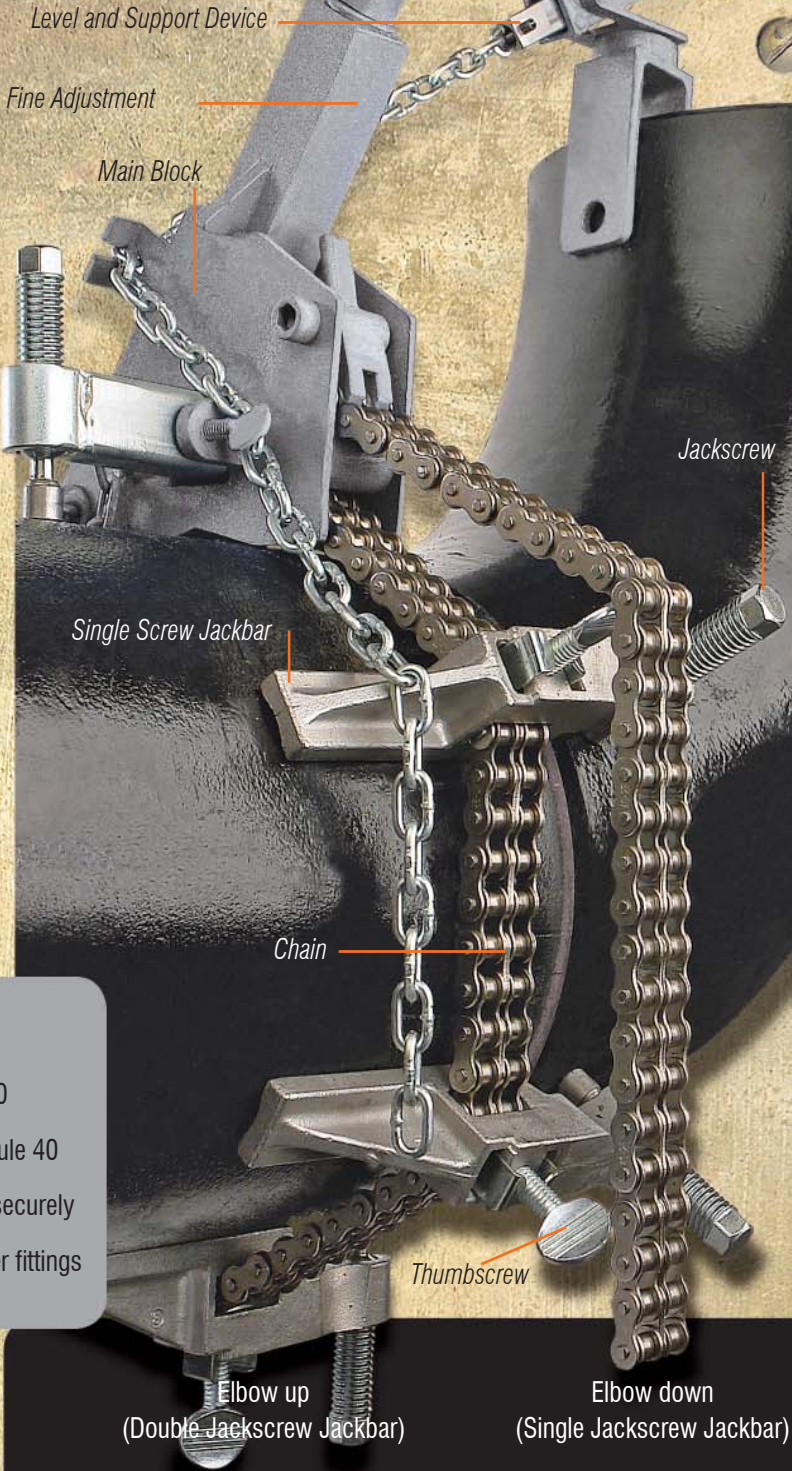
Description	Item Number	Gas	Barrel Diameter in (mm)	Barrel Length in (mm)	Maximum Cutting Capacity in (mm)	Est. Shipping Weight
Victor Cutting Tip 1-1-101	05.0201.001	Acetylene	1 3/8 (35)	3 (76.2)	3/4 (19)	.2 lbs / .1 kg
Victor Cutting Tip 2-1-101	05.0201.002	Acetylene	1 3/8 (35)	3 (76.2)	1 (25)	.2 lbs / .1 kg
Victor Cutting Tip Button 1-1-108	05.0201.003	Acetylene	N/A	3/4 (19)	3/4 (19)	.15 lbs / .07 kg
Victor Cutting Tip 1-GPN	05.0201.013	Propane/ NatGas	N/A	3 (76.2)	3/4 (19)	.2 lbs / .1 kg
Victor Cutting Tip 2-GPN	05.0201.014	Acetylene	1 3/8 (35)	3 (76.2)	1 (25)	.2 lbs / .1 kg
Mathey No. 1 Cutting Tip	05.0301.041	Acetylene	1 3/8 (35)	3 (76.2)	1 (25)	.15 lbs / .07 kg
Mathey No. 2 Cutting Tip	05.0301.042	Acetylene	1 3/8 (35)	3 (76.2)	2 (51)	.15 lbs / .07 kg
Mathey No. 3 Cutting Tip	05.0301.043	Acetylene	N/A	3 (76.2)	1 (25)	.15 lbs / .07 kg
Mathey No. 1 Cutting Tip	05.0301.033	Propane	N/A	3 (76.2)	2 (51)	.15 lbs / .07 kg
Mathey No. 2 Cutting Tip	05.0301.034	Propane	N/A	3 (76.2)	2 (51)	.15 lbs / .07 kg
Mathey No. 3 Cutting Tip	05.0301.035	Propane	N/A	3 (76.2)	2 (51)	.15 lbs / .07 kg

• All – Can be used with all gases. • NatGas – Natural Gas

SINGLE JACKSCREW CHAIN CLAMP

The Single Jackscrew Chain Clamp reforms the mating side of the weld gap and is capable of reforming up to Schedule 40 pipe. * Each jackbar is equipped with its own jackscrew to exert pressure on the high points of the mating pipe, eliminating “High-Low” as pipe and fittings are aligned. Pipe with wall thickness to Schedule 80 can be aligned with the Single Jackscrew Chain Clamp. * The Level and Support Device of the Chain Clamp allows elbows, tees, flanges and other fittings to be held safely and securely for alignment and welding. The Single Jackscrew Chain Clamp is available in nickel plated carbon steel chain and stainless steel chain versions to fit pipe from 1” to 54” (25 mm to 1372 mm) in diameter. Although all Mathey Dearman Chain Clamps feature stainless steel Jackscrews, Jackbars and Main Blocks, stainless steel chain should always be used for stainless steel and specialty alloy applications to avoid potential contamination.

- ACCURATE** | Aligns within 1/64" (.4 mm) of an inch
- HEAVY DUTY** | Aligns pipe with wall thickness to Schedule 80
- STRONG** | Reforms mating pipe with wall thickness to Schedule 40
- SAFER** | Level and Support Device holds fittings safely and securely
- VERSATILE** | Aligns and reforms pipe, elbows, tees and other fittings



Single Jackscrew Chain Clamp Includes:

- | Nickel plated carbon steel or stainless steel duplex roller chain
- | Stainless steel Single Jackscrew Jackbars, quantity as indicated in specifications
- | Stainless steel Main Block
- | Stainless steel Level and Support Device
- | Jackscrew Breaker Bar with Socket
- | Heavy-duty Storage Box
- | Parts and Operating Manual

Single Jackscrew Chain Clamp Benefits:

- | One Chain Clamp covers the range of 8 cage clamps
- | Pipe and fittings can be fully welded with clamp in place
- | Jackscrew contact points swivel to protect against marring the pipe
- | Optional Spacing Screws available to assist in setting weld gap
- | An add-on Jackbar can be added when additional reforming pressure is needed.

The Single Chain Clamp reduces fatigue as elbows, tees and other fittings can be held easily in place while being accurately aligned with the Level and Support Device.

SINGLE JACKSCREW CHAIN CLAMP | SPECIFICATIONS

Model	Number of Jackbars	Nominal Pipe Size Range in (mm)	Reforms Pipe to Schedule*	Aligns Pipe to Schedule	Est. Shipping Weight
D231	3	1-8 (25-203)	40	80	21 lbs / 9 kg
D231SS	3	1-8 (25-203)	40	80	21 lbs / 9 kg
D232	7	4-16 (102-406)	40	80	68 lbs / 31 kg
D232SS	7	4-16 (102-406)	40	80	68 lbs / 31 kg
D233	8	10-36 (254-914)	40	80	144 lbs / 67 kg
D233SS	8	10-36 (254-914)	40	80	144 lbs / 67 kg
D234	13	10-54 (254-1372)	40	80	170 lbs / 79 kg
D234SS	13	10-54 (254-1372)	40	80	170 lbs / 79 kg

*Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch / 3,164 kg per square centimeter

SS - Indicates clamp includes stainless steel chain. All clamps equipped with stainless steel Jackbars, Jackscrews, and Main Blocks.

* Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch

NOTE: MATHEY DEARMAN CHAIN CLAMPS CAN BE RECONFIGURED FOR STAINLESS STEEL AND OTHER SPECIALTY ALLOY APPLICATIONS. REPLACE THE CARBON STEEL ROLLER CHAIN WITH STAINLESS STEEL CHAIN. (ALL OTHER COMPONENTS OF CHAIN CLAMPS ARE MADE OF STAINLESS STEEL)



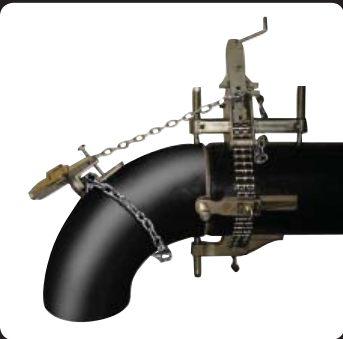
Single Jackscrew Jackbar

THE SINGLE JACKSCREW CHAIN CLAMP SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.

Elbow up
(Double Jackscrew Jackbar)



Elbow down
(Single Jackscrew Jackbar)



Cross-tee horizontal
(Single Jackscrew Jackbar)



Cross-tee vertical
(Single Jackscrew Jackbar)



Tee in-line
(Single Jackscrew Jackbar)



Pipe to pipe horizontal
(Single Jackscrew Jackbar)



DOUBLE JACKSCREW CHAIN CLAMP

Mathey Dearman's Double Jackscrew Chain Clamp reforms Schedule 40 pipe on either side of the joint to be welded. It is also able to exert pressure on the high points of both sides to eliminate "Hi-Low." The Chain Clamp's Level and Support Device allows the pipe, elbow, tee, flange and other fittings to be held securely in place during alignment and welding. Pipe with wall thicknesses up to Schedule 80 can be aligned with the Double Jackscrew Chain Clamp. Mathey Dearman Double Jackscrew Chain Clamps are available in carbon steel chain and stainless steel chain versions to fit pipe from 1" to 54" (25 mm to 1372 mm) in diameter. Although all Mathey Dearman Chain Clamps feature stainless steel Jackscrews, Jackbars and Main Blocks, stainless steel chain should be used on stainless steel or specialty alloy applications to avoid potential contamination.

EXTRA WELDING CLEARANCE | Jackbar design provides additional clearance, so the weld can be easily completed with clamp in place

PRECISE ALIGNMENT | Double Jackbars spaced around the diameter of the pipe allow reforming on both sides of joint to within 1/64" (.4mm)

HEAVY DUTY | Aligns pipe with wall thickness up to Schedule 80

STRONG | Reforms pipe with wall thickness to Schedule 40

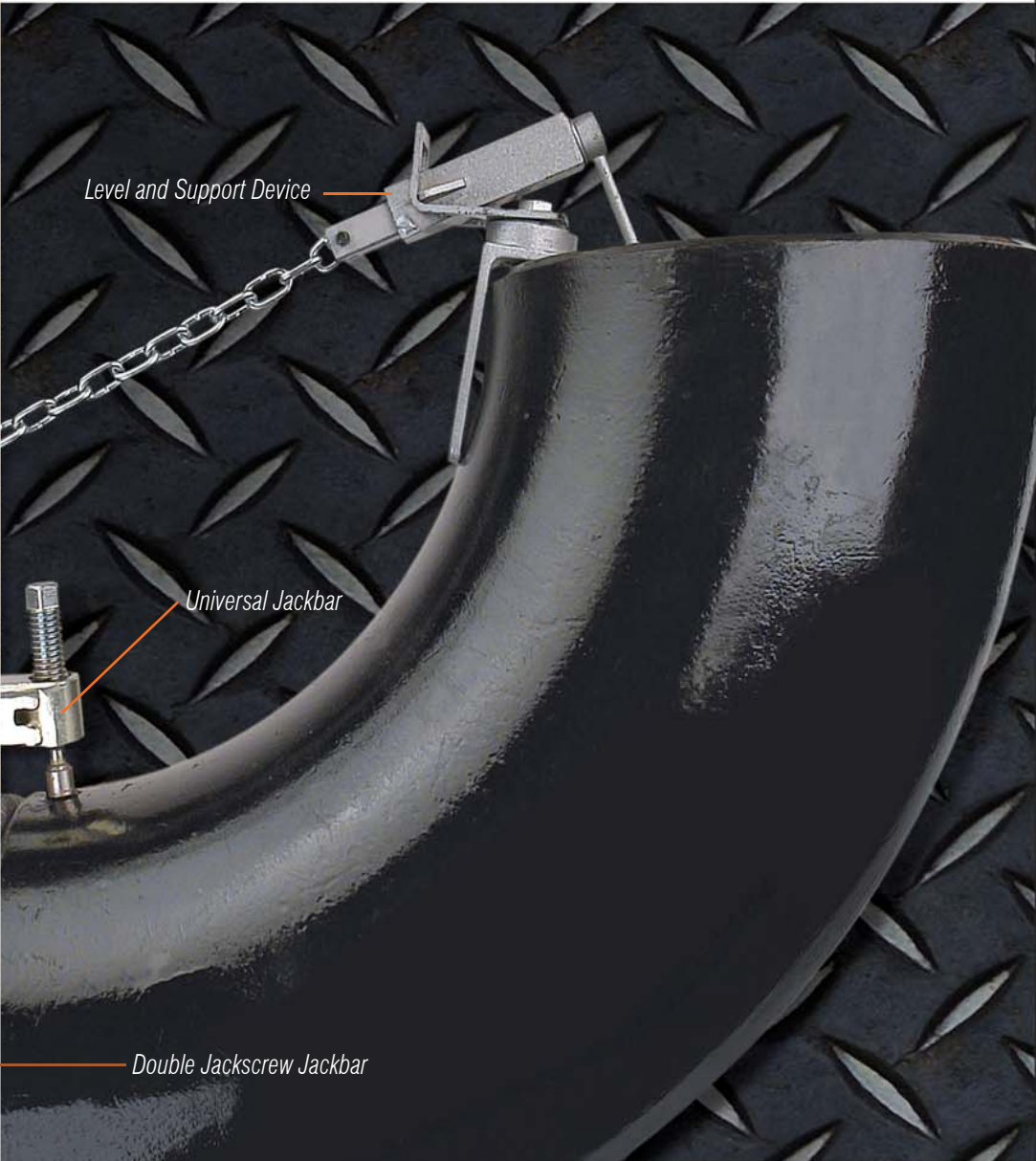
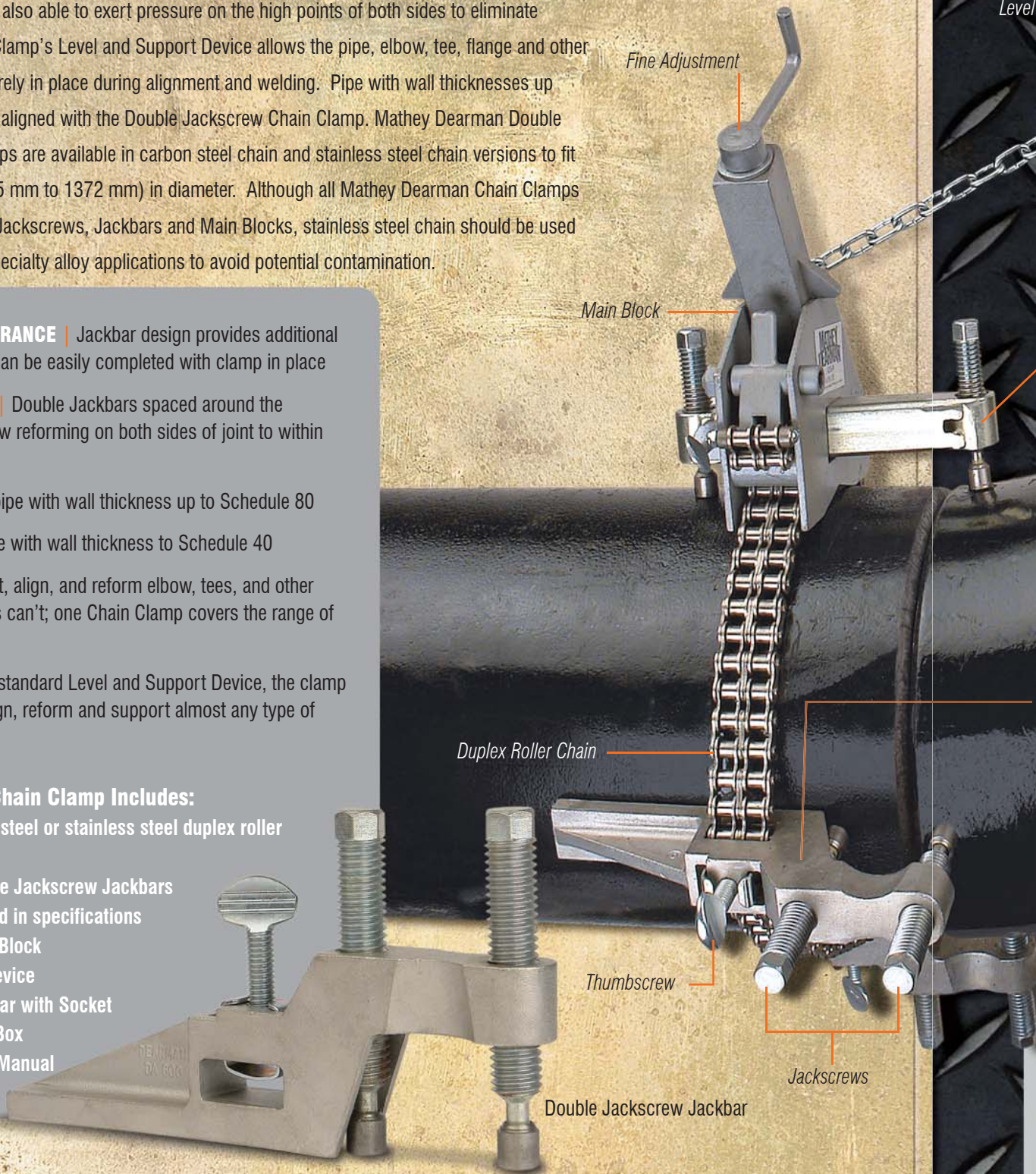
WIDE RANGE | Support, align, and reform elbow, tees, and other fittings that cage clamps can't; one Chain Clamp covers the range of 8 cage clamps

VERSATILE | With the standard Level and Support Device, the clamp can be configured to align, reform and support almost any type of fitting for welding

Double Jackscrew Chain Clamp Includes:

- | Nickel plated carbon steel or stainless steel duplex roller chain
- | Stainless steel Double Jackscrew Jackbars - quantity as indicated in specifications
- | Stainless steel Main Block
- | Level and Support Device
- | Jackscrew Breaker Bar with Socket
- | Heavy-duty Storage Box
- | Parts and Operating Manual

WARNING: THE DOUBLE JACKSCREW CHAIN CLAMP SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.



DOUBLE JACKSCREW CHAIN CLAMP | SPECIFICATIONS

Model	Number of Jackbars	Nominal Pipe Size Range in (mm)	Reforms Pipe to Schedule*	Aligns Pipe to Schedule	Est. Shipping Weight
D250	3	1-8 (25-203)	40	80	27 lbs / 12 kg
D250SS	3	1-8 (25-203)	40	80	27 lbs / 12 kg
D249	7	4-16 (102-406)	40	80	72 lbs / 33 kg
D249SS	7	4-16 (102-406)	40	80	72 lbs / 33 kg
D235	8	10-36 (254-914)	40	80	144 lbs / 67 kg
D235SS	8	10-36 (254-914)	40	80	144 lbs / 67 kg
D236	13	10-54 (254-1372)	40	80	180 lbs / 72 kg
D236SS	13	10-54 (254-1372)	40	80	180 lbs / 72 kg

* Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,164 kg per square centimeter)
SS - Indicates clamp Includes stainless steel chain. All clamps are equipped with stainless steel Jackbars, Jackscrews, and Main Blocks.

DEARMAN LIGHT CHAIN CLAMP

Our versatile and easy-to-handle Dearman Light clamps are ideal for lighter-wall pipe alignment and reforming, yet sturdy enough to align up to Schedule 40 pipe. Lighter weight than the original Mathey Dearman Chain Clamps, Dearman Light Chain Clamps are quick and easy to set up while still providing the ability to get excellent fit-ups on pipe from 1" to 36" (25 mm to 914 mm) in diameter. Dearman Light Chain Clamps are available in carbon steel chain or stainless steel chain versions. Although all Mathey Dearman Chain Clamps feature stainless steel Jackscrews, Jackbars and Main Blocks, stainless steel chain should be used on stainless steel or specialty alloy applications to avoid potential contamination. Larger Dearman Light clamp models come standard with our Level and Support Device to hold and accurately position pipe and fittings.

ACCURATE | Aligns within 1/64" (.4 mm)

LIGHTWEIGHT | The 1" to 12" (25 mm to 305 mm) Dearman Light Chain Clamp weighs 50% less than an 8" (203 mm) hand-lever cage clamp

WIDE RANGE | Covers the same pipe range as 11 cage clamps

VERSATILE | Aligns pipe with wall thickness to Schedule 40, reforms pipe to Schedule 20

SAFER | Elbows, tees, flanges and other fittings are well-secured during alignment with the Level and Support Device

Dearman Light Chain Clamp Includes:

- | Nickel plated carbon steel or stainless steel duplex roller chain
- | Stainless steel Single or Double Jackscrew Jackbars - quantity as indicated in specifications
- | Stainless steel Main Block
- | Level and Support Device*
- | Jackscrew Breaker Bar with Socket
- | Heavy-duty Storage Box*
- | Parts and Operating Manual

***NOTE:** D231-LT AND D231-LTSS CLAMPS DO NOT INCLUDE LEVEL AND SUPPORT DEVICE OR HEAVY-DUTY STORAGE BOX

WARNINGS: DEARMAN LIGHT CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.

Fine Adjustment

Main Block

Level and Support Device

Duplex roller chain

Single Screw Jackbar

Thumbscrew

DEARMAN LIGHT SINGLE JACKSCREW CHAIN CLAMP

Model	Number of Jackbars	Pipe Size Range in (mm)	Reforms Pipe to Schedule*	Aligns Pipe to Schedule	Est. Shipping Weight
D231-LT**	5	1-12 (25-305)	20	40	13 lbs / 6 kg
D231-LTSS**	5	1-12 (25-305)	20	40	13 lbs / 6 kg
D232-LT	7	4-20 (102-508)	20	40	31 lbs / 14 kg
D232LTSS	7	4-20 (102-508)	20	40	31 lbs / 14 kg
D233-LT	10	6-36 (152-914)	20	40	84 lbs / 38 kg
D233LTSS	10	6-36 (152-914)	20	40	84 lbs / 38 kg

*Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,168 kg per square centimeter)

SS - INDICATES CLAMP IS FOR STAINLESS STEEL APPLICATION. ** DOES NOT INCLUDE LEVEL AND SUPPORT DEVICE OR STORAGE BOX.

DEARMAN LIGHT DOUBLE JACKSCREW CHAIN CLAMP

Model	Number of Jackbars	Pipe Size Range in (mm)	Reforms Pipe to Schedule*	Aligns Pipe to Schedule	Est. Shipping Weight
D249-LT	7	4-20 (102-508)	20	40	36 lbs / 17 kg
D249-LTSS	7	4-20 (102-508)	20	40	36 lbs / 17 kg
D235-LT	10	6-36 (152-914)	20	40	90 lbs / 41 kg
D235LTSS	10	6-36 (152-914)	20	40	90 lbs / 41 kg

* Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,168 kg per square centimeter)

** DOES NOT INCLUDE LEVEL AND SUPPORT DEVICE OR STORAGE BOX.

NOTE: COMPLETE WELDING OF THE JOINT CAN BE ACCOMPLISHED WITHOUT REMOVING THE CLAMP. AN ADDITIONAL JACKBAR CAN BE INSTALLED IF PRESSURE NEEDS TO BE APPLIED BETWEEN THE CLAMP JACKBARS. OPTIONAL SPACING SCREWS CAN BE ADDED FOR PRECISE WELD GAP ADJUSTMENT.



ALIGNING & REFORMING CLAMPS

UNIVERSAL CHAIN CLAMP

Universal Chain Clamps reform pipe to Schedule 20 and align pipe to Schedule 40. Available in carbon steel chain and stainless steel chain versions to fit pipe from 1" to 36" (25 mm to 914 mm). The versatile design provides the ability to accurately fit-up, weld and grind joints without removing the clamp. The Level and Support Device of the Universal Chain Clamp allows pipe, elbow, tee, flange and other fittings to be safely secured during the alignment and welding process. Although all Mathey Dearman Chain Clamps feature stainless steel Jackscrews, Jackbars and Main Blocks, stainless steel chain should be used on stainless steel or specialty alloy applications to avoid potential contamination.

- VERSATILE** | Reforms pipe to Schedule 20 and aligns pipe to Schedule 40
- PRECISE** | Swivel-foot Jackscrews help ensure precise alignment by securely holding on uneven pipe surfaces
- SAFER** | Jackbars can be adjusted to relocate the contact point of Jackscrews for extra support of mating pipe or fittings
- WIDE RANGE** | A single Universal Chain Clamp covers the same range as 8 cage clamps

Universal Chain Clamp Includes:

- | Nickel plated carbon steel or stainless steel duplex roller chain
- | Universal stainless steel Jackbars
- quantity as indicated in specifications
- | Stainless steel Main Block
- | Level and Support Device
- | Jackscrew Breaker Bar with Socket
- | Heavy-duty Storage Box
- | Parts and Operating Manual



Universal Jackbar equipped with 2 Jackscrews

WARNINGS: UNIVERSAL CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.



NOTE: MATHEY DEARMAN CHAIN CLAMPS CAN BE RECONFIGURED FOR STAINLESS STEEL AND OTHER SPECIALTY ALLOY APPLICATIONS. REPLACE THE CARBON STEEL ROLLER CHAIN WITH STAINLESS STEEL CHAIN. (ALL OTHER COMPONENTS OF CHAIN CLAMPS ARE MADE OF STAINLESS STEEL)

UNIVERSAL CHAIN CLAMP | SPECIFICATIONS

Model	Number of Jackbars	Pipe Size Range in (mm)	Reforms Pipe to Schedule*	Aligns Pipe to Schedule	Est. Shipping Weight
D2250	3	1-8 (25-203)	20	40	25 lbs / 11 kg
D2250SS	3	1-8 (25-203)	20	40	25 lbs / 11 kg
D2249	7	4-16 (102-406)	20	40	70 lbs / 32 kg
D2249SS	7	4-16 (102-406)	20	40	70 lbs / 32 kg
D2235	8	10-36 (254-914)	20	40	145 lbs / 65 kg
D2235SS	8	10-36 (254-914)	20	40	145 lbs / 65 kg

* Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,164 kg per square centimeter). SS - Indicates clamp is for stainless steel application

COMPLETE WELDING OF THE JOINT CAN BE ACCOMPLISHED WITH REMOVING THE CLAMP. ADD-ON JACKBAR CAN BE ADDED IF PRESSURE NEEDS TO BE APPLIED BETWEEN THE CLAMP JACKBARS. JACKSCREW PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN SURFACES. OPTIONAL SPACING SCREWS CAN BE ADDED FOR PRECISE WELD GAP ADJUSTMENT.

THE **NEW** DEARMAN SLEEVE CLAMP

In THE DEARMAN SYSTEM tradition, we're excited to introduce a faster and safer way to install sleeves and fittings - Dearman Sleeve Clamps. Leveraging our industry-leading clamping technology, we've built these extreme-duty clamps to handle welded sleeves up to 3/4" thick and up to 70,000 PSI tensile strength. Unlike the common and unsafe application of a bottle jack and chain, our purpose-built clamps provide virtually 360 degrees of clamping force for perfect fit-ups. Our easy to operate hydraulic closure system makes set up and removal easy and quick.

Why risk the chance for flying jacks and falling sleeves when finally, there's a better solution?

All models feature 2-speed hydraulic hand pumps for quicker installation time and high-strength modular design for safer handling. Choose from 4 models of clamps for your specific need and application - 5,000 PSI or 10,000 PSI of clamping pressure and 6" to 24" or 6" to 48" range for sleeves up to 3/4" (19mm) thick. All clamps include a rugged steel transportation and storage box.

UNSAFE



SAFE



- SAFE** | No unstable bottle jacks to suddenly slip and disengage
- PRECISE** | Equal clamping force provides better fit-up
- EASY TO HANDLE** | Engineered to be installed by one person
- ADAPTABLE** | Fits a wide range of pipe sizes and sleeve thicknesses
- DURABLE** | Rugged corrosion-resistant construction for years of use

Dearman Sleeve Clamps Include:

- | Nickel plated carbon steel duplex roller chain (DB models) or Nickel plated carbon steel leaf chain (DC models) for pipe size range
- | High strength stainless steel Main Block with hydraulic cylinder
- | 2-Speed hand operated hydraulic pump
- | Heavy duty transportation and storage box
- | Parts and Operating Manual

DB-724
5,000 PSI



DC-724
10,000 PSI

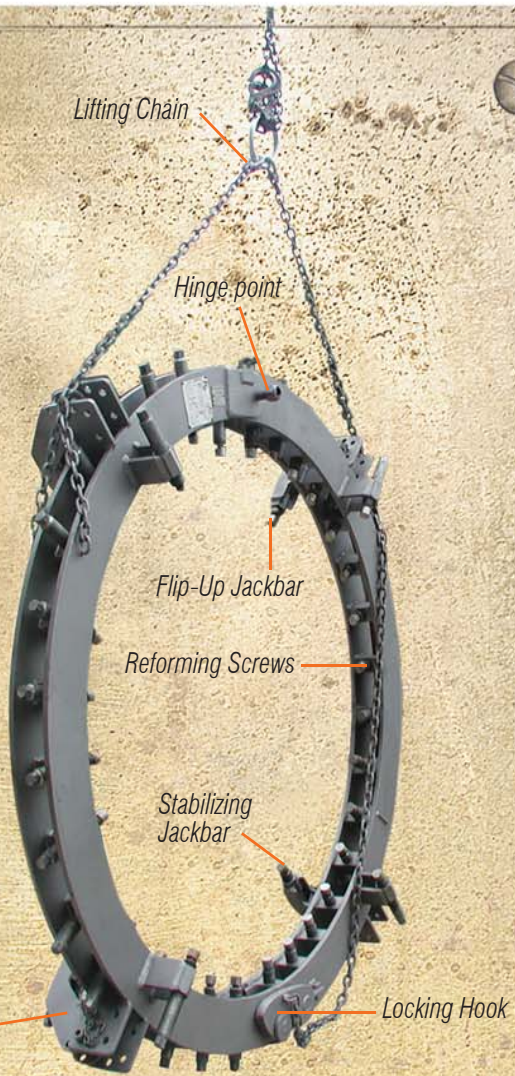


DEARMAN SLEEVE CLAMP

Model	Pipe Size Range in (mm)	Clamping Pressure	Chain	Weight – Sleeve Clamp Only	Shipping Weight
DB-724	6 - 24 (152 – 610)	5,000 PSI	DB-300	31 lbs / 14 kg	76 lbs / 34 kg
DB-748	6 – 48 (152 – 1219)	5,000 PSI	DB-300	48 lbs / 22 kg	93 lbs / 42 kg
DC-724	6 -24 (152 – 610)	10,000 PSI	DC-300	50 lbs / 23 kg	94 lbs/ 43 kg
DC-748	6 – 48 (152 – 1219)	10,000 PSI	DC-300	81 lbs / 37 kg	125 lbs/ 57 kg

DEARMAN SLEEVE CLAMP RECOMMENDED APPLICATION

Sleeve Tensile Strength	Sleeve Wall Thickness	Pipe Diameter & Material			
		6-12" (152 - 305 mm)	12-18" (305 - 457 mm)	18-24" (457 - 610 mm)	24-48" (610 - 1219 mm)
		CS	CS	CS	CS
36,000 PSI	3/16"	DB-724	DB-724	DB-724	DB-748
	1/4"	DB-724	DB-724	DB-724	DB-748
	5/16"	DB-724	DB-724	DB-724	DB-748
	3/8"	DB-724	DB-724	DB-724	DB-748
	1/2"	DB-724	DB-724	DC-724	DC-748
	5/8"	DC-724	DC-724	DC-724	DC-748
	3/4"	DC-724	DC-724	DC-724	DC-748
50,000 PSI	3/16"	DB-724	DB-724	DB-724	DB-748
	1/4"	DB-724	DB-724	DB-724	DB-748
	5/16"	DC-724	DC-724	DC-724	DC-748
	3/8"	DC-724	DC-724	DC-724	DC-748
	1/2"	DC-724	DC-724	DC-724	DC-748
	5/8"	DC-724	DC-724	DC-724	DC-748
	3/4"	DC-724	DC-724	DC-724	DC-748
70,000 PSI	3/16"	DC-724	DC-724	DC-724	DC-748
	1/4"	DC-724	DC-724	DC-724	DC-748
	5/16"	DC-724	DC-724	DC-748	DC-748
	3/8"	DC-724	DC-724	DC-748	DC-748
	1/2"	DC-724	DC-724	DC-748	DC-748
	5/8"	DC-724	DC-724	DC-748	DC-748
	3/4"	DC-724	DC-724	DC-748	DC-748



RIM CLAMPS

Mathey Dearman Rim Clamps are built for tough reforming jobs and are ideal for applications requiring 100% weld and grind without releasing clamping pressure. Symmetrically placed Jackscrews apply pressure on high points to precisely reform and align pipe or shells. All surfaces of the Rim Clamp in contact with the pipe are made of stainless steel enabling the Clamp to be used on a variety of materials.

Mathey Dearman Rim Clamps will reform 45,000 PSI tensile strength pipe up to Schedule 80, with out-of-round conditions up to 2" (51 mm), depending on wall thickness.



- ACCURATE** | Apply reforming pressure exactly where required
- STRONG** | Corrects out-of-round conditions up to 2" (51 mm)
- EASY** | Self-latching design, 14" (356 mm) and larger, makes installation simple and safe
- VERSATILE** | Handles a range of pipe sizes and materials

The 14" to 16" (356 mm to 406 mm) and larger Rim Clamp closes over-the-pipe automatically, for quick and simple operation.

REFORMING CAPABILITY - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"- 12" (102 - 305)	14"- 24" (356 - 610)	26"- 30" (660 - 762)	32"- 48" (813 - 1219)	50"- 60" (1270 - 1524)	62"- 72" (1575 - 1829)
Pipe Wall Thickness in. (mm) *								
RIM	45,000	310	1/2 (13)	3/4 (19)	7/8 (22)	1 (25)	1 1/8 (29)	1 1/4 (32)
			1/2 (11)	3/4 (19)	1 (25)	1 1/8 (29)	1 1/4 (32)	1 3/8 (35)
MEGA RIM	65,000	448	7/16 (11)	5/8 (16)	3/4 (19)	1 (25)	1 1/8 (29)	1 3/8 (35)
	70,000	483	3/8 (10)	1/2 (13)	3/4 (19)	7/8 (22)	1 (25)	1 1/4 (32)
	80,000	552	3/8 (10)	1/2 (13)	5/8 (16)	3/4 (19)	1 (25)	1 1/8 (29)

* Calculations based on material temperature of 72° F (22° C)

RIM CLAMP

Rim Clamp Item No.	Pipe Size Range in. (mm)	Estimated Shipping Weight
D711-0406	4 - 6 (102 - 152)	40 lbs / 18 kg
D711-0608	6 - 8 (152 - 203)	30 lbs / 22.5 kg
D711-0810	8 - 10 (203 - 254)	70 lbs / 31.5 kg
D711-1012	10 - 12 (254 - 305)	90 lbs / 40.5 kg
D711-1214	12 - 14 (305 - 356)	120 lbs / 54 kg
D711-1416	14 - 16 (356 - 406)	190 lbs / 85.5 kg
D711-1618	16 - 18 (406 - 457)	240 lbs / 108 kg
D711-1420	14 - 20 (356 - 508)	280 lbs / 126 kg
D711-1824	18 - 24 (457 - 610)	350 lbs / 157.5 kg
D711-2026	20 - 26 (508 - 660)	360 lbs / 162 kg
D711-2228	22 - 28 (559 - 711)	380 lbs / 171 kg
D711-2632	26 - 32 (660 - 813)	400 lbs / 180 kg
D711-3036	30 - 36 (762 - 914)	420 lbs / 189 kg
D711-3440	34 - 40 (864 - 1016)	450 lbs / 202.5 kg
D711-3844	38 - 44 (965 - 1118)	490 lbs / 220.5 kg
D711-4248	42 - 48 (1067 - 1219)	510 lbs / 229.5 kg
D711-4450	44 - 50 (1118 - 1270)	575 lbs / 258.75 kg
D711-4652	46 - 52 (1168 - 1321)	610 lbs / 274.5 kg
D711-5056	50 - 56 (1270 - 1422)	680 lbs / 308 kg
D711-5460	54 - 60 (1372 - 1524)	750 lbs / 337.5 kg
D711-5864	58 - 64 (1473 - 1626)	820 lbs / 369 kg
D711-6268	62 - 68 (1575 - 1727)	880 lbs / 396 kg
D711-6672	66 - 72 (1676 - 1829)	950 lbs / 427.5 kg

MEGA RIM CLAMPS

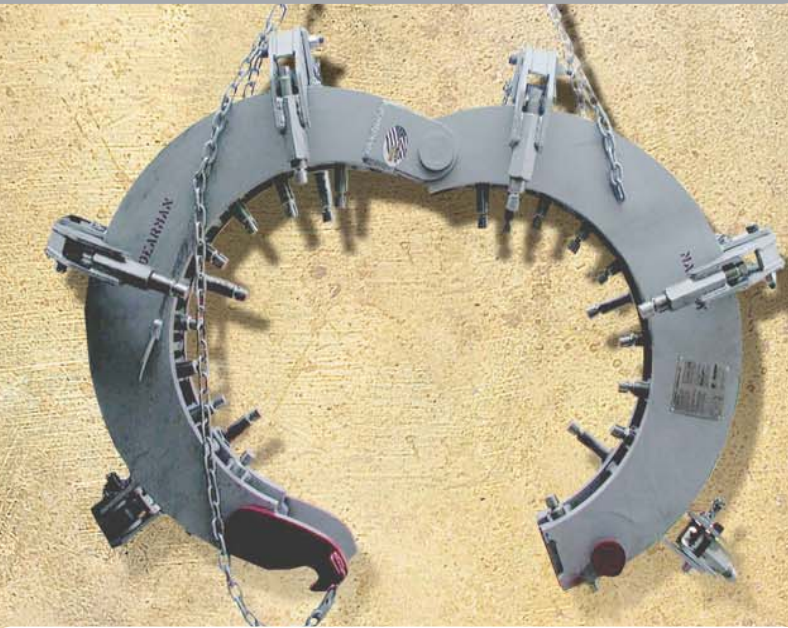
For reforming high tensile strength pipe, there is nothing like a Mathey Dearman Mega Rim Clamp. Our Mega Rim Clamps align and reform high tensile strength X65, X70 and X80 pipe with wall thicknesses up to 1 3/8" (35 mm). Capable of reforming pipe with an out-of-round condition of up to 2" (51 mm), this clamp's performance comes from the heavy-duty oval shaped Side Plates, Latching Mechanism, and flip-up Jackbars for mating pipes and fittings. The Mega Rim's hinged flip-up Jackbars are precisely positioned on the Clamp so they can be rotated away from the primary pipe for insertion of the mating pipe, valve or fitting and to facilitate welding and grinding. The independent pivoting pads of the Jackscrews compensate for uneven pipe surfaces. To avoid the risk of contamination, all surfaces of the Mega Rim Clamp that contact the pipe are made of stainless steel.

- EXTREME CAPACITY | Reforms even high tensile strength pipe
- ACCURATE | Corrects out-of-round conditions up to 2" (51 mm)
- VERSATILE | Allows for 100% weld and grind without releasing clamp pressure

WARNINGS: CONTACT MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS INCONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FAHRENHEIT (-18 CELSIUS), REFORMING CAPABILITY RAPIDLY DECREASES.

Mega Rim Clamp Item No.	Pipe Size Range inch (mm)
D711-0406M	4 - 6 (102 - 152)
D711-0608M	6 - 8 (152 - 203)
D711-0810M	8 - 10 (203 - 254)
D711-1012M	10 - 12 (254 - 305)
D711-1214M	12 - 14 (305 - 356)
D711-1416M	14 - 16 (356 - 406)
D711-1618M	16 - 18 (406 - 457)
D711-1420M	14 - 20 (356 - 508)
D711-1824M	18 - 24 (457 - 610)
D711-2026M	20 - 26 (508 - 660)
D711-2228M	22 - 28 (559 - 711)
D711-2632M	26 - 32 (660 - 813)
D711-3036M	30 - 36 (762 - 914)
D711-3440M	34 - 40 (864 - 1016)
D711-3844M	38 - 44 (965 - 1118)
D711-4248M	42 - 48 (1067 - 1219)
D711-4450M	44 - 50 (1118 - 1270)
D711-4652M	46 - 52 (1168 - 1321)
D711-5056M	50 - 56 (1270 - 1422)
D711-5460M	54 - 60 (1372 - 1524)
D711-5864M	58 - 64 (1473 - 1626)
D711-6268M	62 - 68 (1575 - 1727)
D711-6672M	66 - 72 (1676 - 1829)

Please Contact Mathey Dearman Sales for Shipping Weights & Information



Please provide us with the following information in order to specify the correct Standard or Mega Rim Clamp for your application.

1. Pipe diameter (inches or millimeters)
2. Pipe wall thickness (inches or millimeters)
3. Pipe tensile strength and/or type of material
4. Horizontal or vertical application
5. Ambient temperature



PARTS AND ACCESSORIES FOR RIM CLAMP AND MEGA RIM CLAMP

Assembly / Parts Description	Rim Clamp Size in (mm)
Jackbars	
DR-300	4 - 14 (102 - 356)
DR-700	14 - 72 (356 - 1829)
DR-900 Add-on (Mega)	4 - 14 (102 - 356)
DR-901 Add-on (Rim)	14 - 72 (356 - 1829)
Jackscrews	
DC-501	4 - 14 (102 - 356)
DR-500	14 - 72 (356 - 1829)
Wrenches	
D900-005 + DWR 300 3/4" / 19 mm	4 - 14 (102 - 356)
D900-005 + DWR 400 7/8" / 22.2 mm	14 - 72 (356 - 1829)
Level and Support Device	
DA-400S*	4 - 8 (102 - 203)
DB-400S*	4 - 20 (102 - 508)
DC-400	18 - 72 (457-1829)
DC-400S*	18 - 72 (457 - 1829)

*Stainless steel



CAGE CLAMPS



Mathey Dearman Cage Clamps are available in Hand-lever, Ratchet, and Hydraulic models in either tack or no-tack versions, ranging in sizes for pipes 2" to 60" (51 mm to 1524 mm). Our Cage Clamps will align pipe through Schedule 80. Cage Clamps are intended for alignment use only and are not designed to reform pipe. Each size Clamp fits one specific pipe diameter. If the O.D. of the pipe varies more than +/- 3/16" (5 mm) from the indicated Clamp diameter, pipes may not align accurately.



- QUICK** | Aligns pipes easily and fast
- EFFICIENT** | Good choice when aligning pipes with no reforming required

CAGE CLAMP CROSS BAR DESIGNS



Tack-type straight cross bars have flared ends so pipes can be moved easily into position and clamped. After the pipe is tack welded, the clamp is removed from the pipe and the weld is completed.



Tack and no-tack cross bars are available in stainless steel for stainless and other specialty alloy applications.



No-tack cross bars are arched to permit a full-circle weld without removing the Clamp. The no-tack Clamp can help increase welding quality and efficiency.



In the field, rapid alignment can be achieved using the Hand-lever Cage Clamp.

HAND LEVER CAGE CLAMP

Hand-lever Tack Model	Hand-lever No-tack Model	Pipe Size in (mm)
01.0505.001	-----	2 (51)
01.0505.002	-----	3 (76)
01.0505.003	01.0505.N03	3.5 (89)
01.0505.004	01.0505.N04	4 (102)
01.0505.005	01.0505.N05	5 (127)
01.0505.006	01.0505.N06	6 (152)
01.0505.008	01.0505.N08	8 (203)
01.0505.010	01.0505.N10	10 (254)
01.0505.012	01.0505.N12	12 (305)
01.0505.014	01.0505.N14	14 (356)
01.0505.016	01.0505.N16	16 (406)
01.0505.018	01.0505.N18	18 (457)
01.0505.020	01.0505.N20	20 (508)
01.0505.022	01.0505.N22	22 (559)
01.0505.024	01.0505.N24	24 (610)
01.0505.026	01.0505.N26	26 (660)
01.0505.028	01.0505.N28	28 (711)
01.0505.030	01.0505.N30	30 (762)
01.0505.032	01.0505.N32	32 (813)
01.0505.034	01.0505.N34	34 (864)
01.0505.036	01.0505.N36	36 (914)
01.0505.038	01.0505.N38	38 (965)
01.0505.040	01.0505.N40	40 (1016)
01.0505.042	01.0505.N42	42 (1067)
01.0505.048	01.0505.N48	48 (1219)
01.0505.054	01.0505.N54	54 (1372)
01.0505.060	01.0505.N60	60 (1524)

Clamps with stainless steel contact points or for odd-size pipe available on request. Add SS at end of part number for stainless steel.

RATCHET CAGE CLAMP

The ratchet closure system of Mathey Dearman's Ratchet Cage Clamp provides the extra force needed to align large pipe diameters. The Ratchet Cage Clamp is available for 14" to 60" (356 mm to 1524 mm) pipe. A special 1" (25mm) Ratchet Wrench fits all clamp sizes.

Pipe can be quickly aligned for welding with a Ratchet Cage Clamp.



Ratchet Tack Model	Ratchet No-tack Model	Pipe Size In (mm)
01.0505.R06	-----	6 (152)
01.0505.R08	-----	8 (203)
01.0505.R10	-----	10 (254)
01.0505.R12	01.0505.RN12	12 (305)
01.0505.R14	01.0505.RN14	14 (356)
01.0505.R16	01.0505.RN16	16 (406)
01.0505.R18	01.0505.RN18	18 (457)
01.0505.R20	01.0505.RN20	20 (508)
01.0505.R22	01.0505.RN22	22 (559)
01.0505.R24	01.0505.RN24	24 (610)
01.0505.R26	01.0505.RN26	26 (660)
01.0505.R28	01.0505.RN28	28 (711)
01.0505.R30	01.0505.RN30	30 (762)
01.0505.R32	01.0505.RN32	32 (812)
01.0505.R34	01.0505.RN34	34 (864)
01.0505.R36	01.0505.RN36	36 (914)
01.0505.R38	01.0505.RN38	38 (965)
01.0505.R40	01.0505.RN40	40 (1016)
01.0505.R42	01.0505.RN42	42 (1067)
01.0505.R48	01.0505.RN48	48 (1219)
01.0505.R54	01.0505.RN54	54 (1372)
01.0505.R60	01.0505.RN60	60 (1524)

Clamps with stainless steel contact points or for odd-size pipe available on request.

HYDRAULIC CAGE CLAMP

Mathey Dearman's Hydraulic Cage Clamp utilizes a rugged hydraulic closure mechanism to create the extra force necessary to align large pipe diameters while also permitting the rapid release of the clamp from the pipe. The Hydraulic Cage Clamp is available for 16" to 60" (406 mm to 1524 mm) pipe.



Hydraulic Cage Clamps permit faster pipe alignment and quick release of the clamp from the pipe after welding.

Hydraulic Tack Model	Hydraulic No-tack Model	Pipe Size In (mm)
01.0505.H16	01.0505.HN16	16 (406)
01.0505.H18	01.0505.HN18	18 (457)
01.0505.H20	01.0505.HN20	20 (508)
01.0505.H22	01.0505.HN22	22 (559)
01.0505.H24	01.0505.HN24	24 (610)
01.0505.H26	01.0505.HN26	26 (660)
01.0505.H28	01.0505.HN28	28 (711)
01.0505.H30	01.0505.HN30	30 (762)
01.0505.H32	01.0505.HN32	32 (812)
01.0505.H34	01.0505.HN34	34 (864)
01.0505.H36	01.0505.HN36	36 (914)
01.0505.H38	01.0505.HN38	38 (965)
01.0505.H40	01.0505.HN40	40 (1016)
01.0505.H42	01.0505.HN42	42 (1067)
01.0505.H48	01.0505.HN48	48 (1219)
01.0505.H54	01.0505.HN54	54 (1372)
01.0505.H60	01.0505.HN60	60 (1524)
01.0505.H00	01.0505.HN00	Hydraulic Jack

Clamps with stainless steel contact points or for odd-size pipe available on request.



Ratchet Wrench
(Handle must be ordered separately)
01-0505-R01
3/4" Ratchet Wrench for 4" - 8" Ratchet Clamps
01-0505-R02
7/8" Ratchet Wrench for 10" - 42" Ratchet Clamps
01-0505-R03
1" Ratchet Wrench for 44"-up Ratchet Clamps

MINI-FIT CHAIN CLAMP



- LIGHTWEIGHT** | Easy to carry and handle
- ECONOMICAL** | Covers all pipe diameters from 3/4" to 8" (19 mm to 203 mm) with one clamp
- ACCURATE** | 3 Jackscrews help ensure perfect alignment on small diameter pipe and fittings
- VERSATILE** | Align pipe to Schedule 40, reform pipe to Schedule 10
- STRONG** | Constructed with the same materials and methods as our larger heavy-duty Chain Clamps

- Mini-Fit Chain Clamps include:**
- | Double-row chain (nickle plated carbon or stainless steel)
 - | Single Screw Jackbars listed for the pipe diameter
 - | Main Block Jackbar
 - | Parts and Operating Manual

Model	Pipe Size Range in (mm)	Number of Jackbars	Reforms Pipe to Schedule*	Aligns Pipe to Schedule
D230	3/4-8 (19-203)	2	10	40
D230-SS	3/4-8 (19-204)	2	10	40

**Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3168 kg force per square centimeter).*
SS - Indicates clamp is for stainless steel application.

The Mini-Fit is an excellent tool to align and fit-up small tubes, pipes and fittings. It is extremely lightweight, easy to set up and adjust, is small enough to fit in the welder's toolbox, and requires no tools to use. This ingenious adaptation of our proven Chain Clamp design is perfect for light-duty applications. The Mini-Fit is tough enough to align 3/4" to 8" (19 mm to 203 mm) carbon or stainless steel pipe and fittings with a wall thickness up to Schedule 40 and will reform Schedule 10.



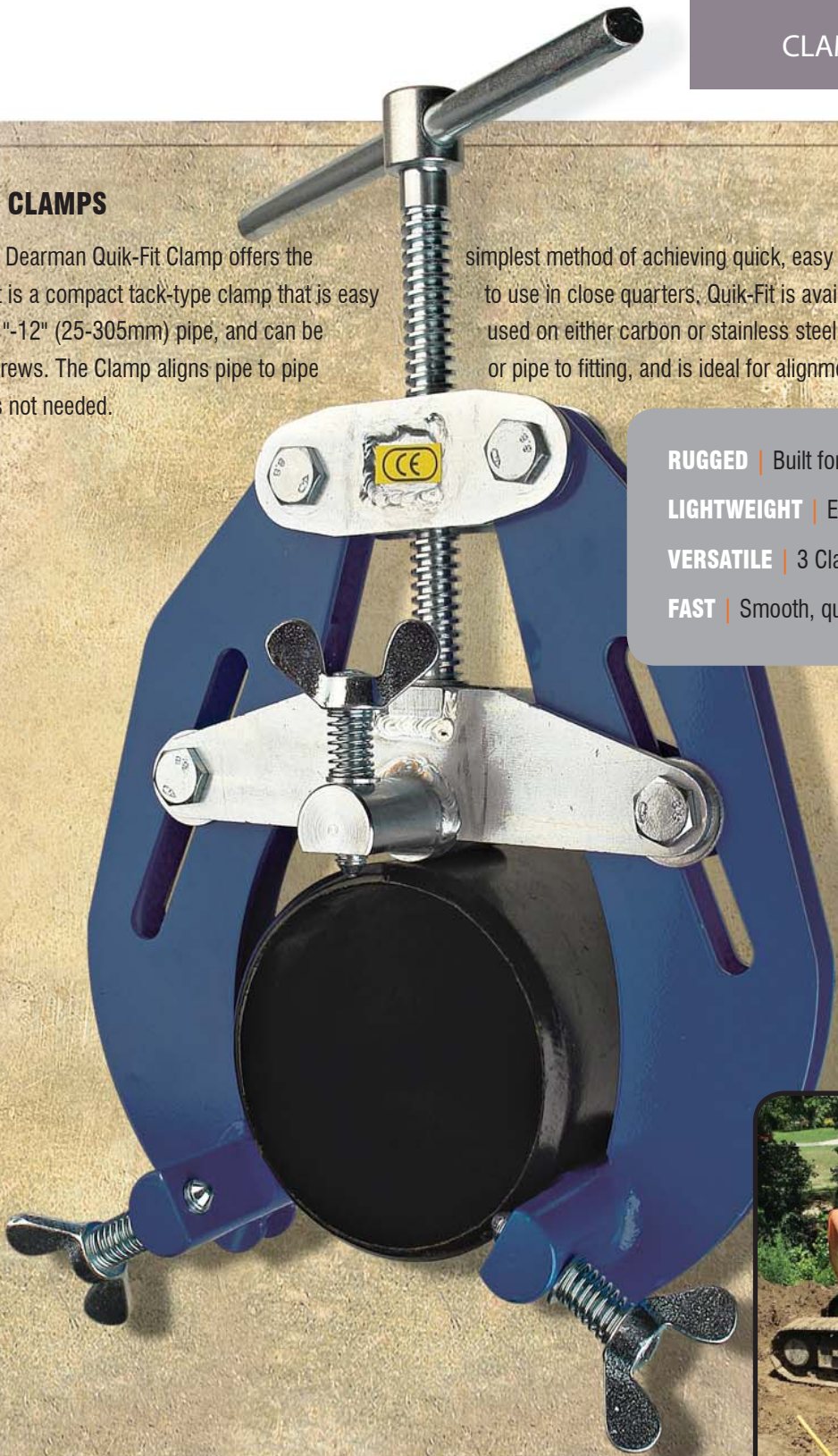
Mini-Fit Single Screw Jackbar

The end of the jackscrew is round to reduce the risk of marring the pipe.

QUIK-FIT CLAMPS

The Mathey Dearman Quik-Fit Clamp offers the simplest method of achieving quick, easy and precise fit ups. The Quik-Fit is a compact tack-type clamp that is easy to use in close quarters. Quik-Fit is available in 3 sizes to cover a range of 1"-12" (25-305mm) pipe, and can be used on either carbon or stainless steel without adding special shoes or screws. The Clamp aligns pipe to pipe or pipe to fitting, and is ideal for alignment applications where reforming is not needed.

The Quik-Fit is a compact tack-type clamp that is easy to use in close quarters. Quik-Fit is available in 3 sizes to cover a range of 1"-12" (25-305mm) pipe, and can be used on either carbon or stainless steel without adding special shoes or screws. The Clamp aligns pipe to pipe or pipe to fitting, and is ideal for alignment applications where reforming is not needed.



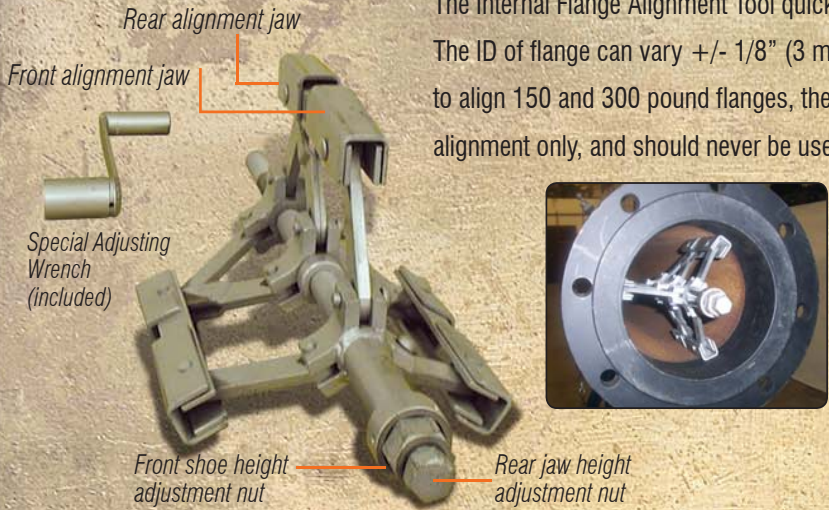
- RUGGED** | Built for years of reliable service
- LIGHTWEIGHT** | Easy to use in overhead work
- VERSATILE** | 3 Clamps cover 1"-12" (25-305mm) pipe
- FAST** | Smooth, quick action for rapid fit-ups

QUIK-FIT CLAMP | SPECIFICATIONS

Item Number	Pipe Size Range in (mm)
QFC-12	1-2 (25-51)
QFC-26	2-6 (51-152)
QFC-512	5-12 (127-305)



INTERNAL FLANGE ALIGNMENT TOOL



The Internal Flange Alignment Tool quickly and precisely aligns the ID of flange to the ID of pipe. The ID of flange can vary +/- 1/8" (3 mm) to the ID of the pipe and still align perfectly. Designed to align 150 and 300 pound flanges, the Internal Flange Alignment Tool should be used for flange alignment only, and should never be used as the sole support of the flange.

- ACCURATE** | Eliminates guesswork
- FAST** | Flanges can be aligned and squared in as little as one minute
- SAVES TIME & MONEY** | Alignment can be performed by one person

Item Number	Pipe Size in (mm)
Carbon Steel	
D325	4 - 6 (102 - 152)
D326	6 - 8 (152 - 203)
D327	8 - 14 (203 - 356)
D328	16 - 24 (406 - 610)
Stainless Steel	
D325SS	4 - 6 (102 - 152)
D326SS	6 - 8 (152 - 203)
D327SS	8 - 14 (203 - 356)
D328SS	16 - 24 (406 - 610)

NEW! PUSH-BUTTON CARBON STEEL FLANGE LINE UP PINS

Introducing the latest addition to the Mathey Dearman Flange Line Up Pins (FLUP) range, our new push-button-carbon steel model. The new Flange Line Up Pin installs and removes quickly thanks to its convenient push-button operation. Rugged ACME thread and rust-resistant black oxide coated carbon steel means you can expect years of reliable use. Our most affordable FLUP still provides the accuracy and ease of use that you've come to expect from quality Mathey Dearman pipefitting tools.

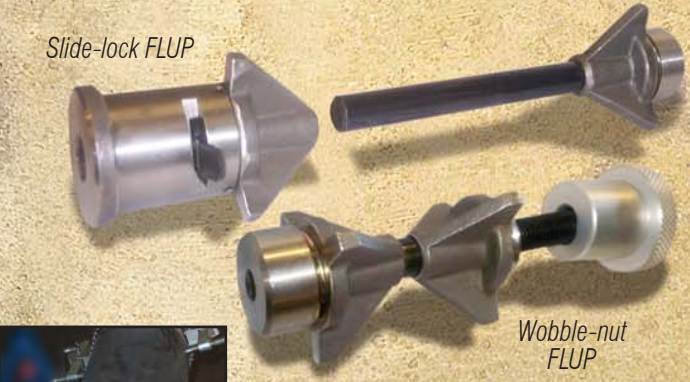


Item Number	Model / Assembly Description	Flange Hole Diameter Range in (mm)
05.0100.020	Push-button Carbon Steel FLUP	5/8" - 1 7/8" (16 - 47)

STAINLESS STEEL FLANGE LINE UP PINS

Mathey Dearman stainless steel Flange Line-up Pins (FLUPS) are available in two styles - Slide-lock and Wobble-nut. Both designs feature a spring-loaded arrangement that enables removal even when flanges expand from welding heat. The Slide-lock style features an easy to use locking lever for release, while the Wobble-nut style uses a clever design that requires less than one spin of the nut to disengage for removal. The wide profile supports a level or square solidly when used in pairs.

Slide-lock FLUP



Wobble-nut FLUP

Item Number	Model / Assembly Description	Flange Hole Diameter Range in (mm)
05.0100.000	Slide-lock FLUP	5/8" - 1 7/8" (16 - 47)
05.0100.010	Wobble-nut FLUP	5/8" - 1 7/8" (16 - 47)



Easy and quick, our FLUPS are sturdy and extremely precise.

FLANGE SPREADER



Hydraulic Flange Spreader
ITEM NO. D103



Mechanical Flange Spreader
ITEM NO. D100

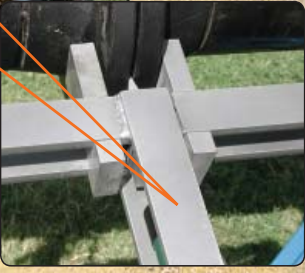
NOTE: FLANGE SPREADERS ARE SOLD INDIVIDUALLY. MOST APPLICATIONS REQUIRE TWO (2) SPREADERS.

- SAFER** | Eliminates the need for wedges or hammers
- PROTECTS** | Greatly reduces risk of damage to the flange face

Mathey Dearman Flange Spreaders separate flanges safely and easily without hammering. The Spreader, which attaches to the flange holes, spreads the flange faces without damaging flange sealing surfaces. The wedge action of the Spreader widens the gap between flanges up to 1 1/4" (32 mm). 100 ft-lbs of torque applied to the Flange Spreader yields up to 12,000 lbs of spreading force. Hydraulic Flange Spreaders are available for 2" – 36" (51 mm – 914 mm) flanges and use a Hydraulic Pump Kit (sold separately) to easily separate flanges.



A pair of Flange Spreaders quickly separates flanges up to 1 1/4" (32 mm) without damage to the flange sealing area.



Item Number	Style	Flange Size in (mm)	Flange Class (lb)
D100	Mechanical	2-12 (51-305)	Up to 300
D103	Hydraulic	2-12 (51-305)	Up to 300
D101	Hydraulic	12-24 (305-610)	150 - 600
D102	Hydraulic	26-36 (660-914)	150 - 600
D104-KIT	Hydraulic Pump Kit includes pump with reservoir, hoses and quick disconnects.		



Hydraulic Pump Kit
ITEM NO. D104-KIT

Q.C. WELDER'S GAUGE

Q.C. Welder's Gauge in English and Metric



The Q.C. Welder's Gauge from Mathey Dearman rapidly and accurately measures inside "High-Low" and plate mismatch before and after welding, minimizing weld rejections. The gauge is available in English and Metric models.

Item Number	Description
D253E	English Q.C. Welder's Gauge
D253M	Metric Q.C. Welder's Gauge
BOX	
D253E-BOX	English Q.C. Welder's Gauge (10 ea)
D253M-BOX	Metric Q.C. Welder's Gauge (10 ea)

PIT DEPTH GAUGE | NOW INCLUDED WITH Q.C. WELDER'S GAUGE

- PRECISE** | Measures as small as 1/64" (.4 mm)
- EASY** | Simply slide the Pit Depth Gauge over the Q.C. Gauge and take the reading



The Pit Depth Gauge accessory measures pit depth, weld height and outside "High-Low". The stainless steel Pit Depth Gauge mounts on the end of the Q.C. Welder's Gauge housing and displays in both English and Metric measurements.

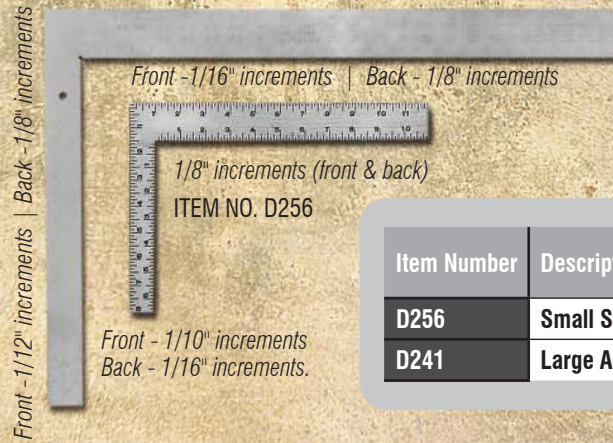


The Pit Depth Gauge can be used to check weld undercut and misalignment of plate to plate or pipe to pipe.

FRAMING SQUARE

ITEM NO. D241

Front - 1/12" increments | Back - 1/16" increments

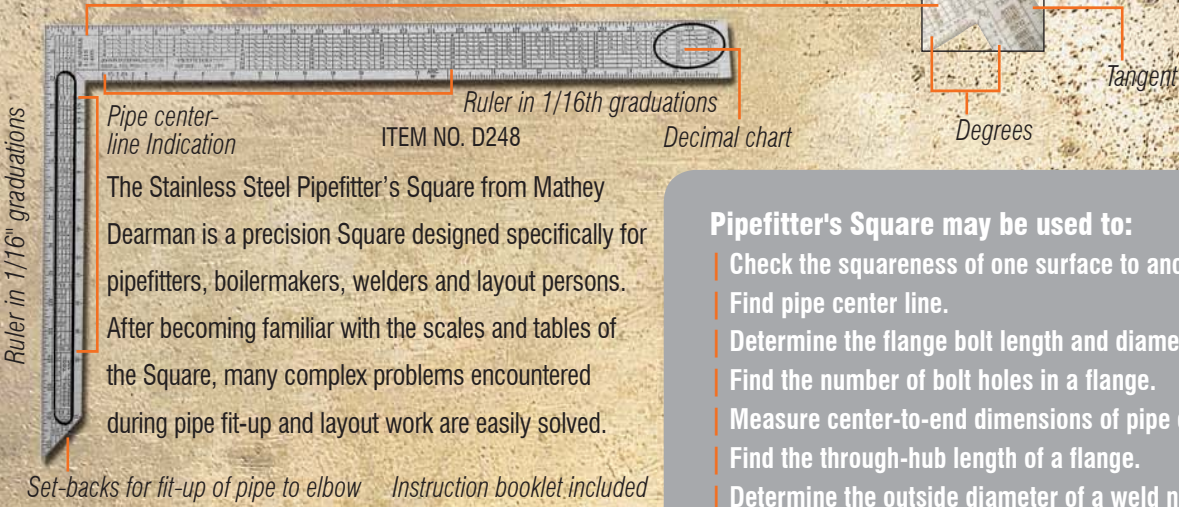


The Small Stainless Steel and Large Aluminum Framing Squares from Mathey Dearman measure angles, squareness, and find pipe centerline. When used with a level, the Squares measure drops in inches per foot to determine slope. The Small Framing Square is marked in 1/8" increments and the Large Framing Square is marked in 1/8", 1/10", 1/12", and 1/16" increments.

Item Number	Description	Blade Length St x Lg x Thick in (mm)
D256	Small Stainless Steel Framing Square	8 x 12 x 1/16 Thick (203 x 305 x 1.6 Thick)
D241	Large Aluminum Framing Square	16 x 24 x 1/8 Thick (406 x 610 x 3 Thick)

PIPEFITTER'S SQUARE

TAN chart is located on the back



The Stainless Steel Pipefitter's Square from Mathey Dearman is a precision Square designed specifically for pipefitters, boilermakers, welders and layout persons. After becoming familiar with the scales and tables of the Square, many complex problems encountered during pipe fit-up and layout work are easily solved.

Set-backs for fit-up of pipe to elbow | Instruction booklet included

Item Number	Description	Blade Length St x Lg x Thick in (mm)
D248	Pipefitter's Square	15 1/2 x 24 x 1/8 Thick (394 x 610 x 3 Thick)

The Pipefitter's Square can be used to layout a variety of joint configurations, such as miters, tees and diagonals.

Pipefitter's Square may be used to:

- Check the squareness of one surface to another.
- Find pipe center line.
- Determine the flange bolt length and diameter.
- Find the number of bolt holes in a flange.
- Measure center-to-end dimensions of pipe elbows and tees.
- Find the through-hub length of a flange.
- Determine the outside diameter of a weld neck flange.
- Determine arc length for a given radius.
- Measure angles off horizontal or vertical plane with level.
- Measure in 12ths or 16ths of an inch.
- Solve triangles or offsets.
- Find decimal equivalents.
- Layout a variety of weld joint configurations.

HOLD DOWN CLAMPS

Mathey Dearman Hold Down Clamps safely secure the pipe to a jackstand or table for the fit-up of tees, elbows, flanges and other fittings. Hold Down Clamps can also be used in conjunction with the Level and Support Device to hold pipes or fittings in place during alignment and welding. Lightweight and easy to install, the D244 Hold Down Clamp has a range of 2" - 16" (51 mm - 406 mm) with an 800 lb. working load. The D245 Hold Down Clamp has a range of 10" - 48" (254 mm - 1219 mm) with 1,300 lb. working load. The crank mechanism of the Mathey Dearman Hold Down Clamp takes up slack in the chain to hold the pipe securely in place. Hold Down Clamps can be used with Chain Clamps for pipe to elbow down and pipe to cross-tee applications. **Caution:** The clamping chain should be wrapped at the base of the V-Head of the jackstand, not through the legs.

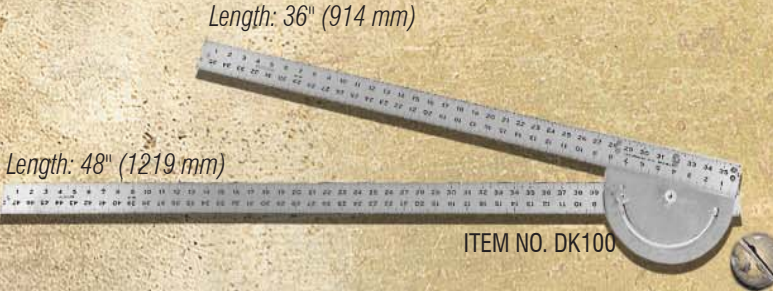
Item Number	Pipe Diameter in (mm)
D244	2-16 (51-406)
D245	10-48 (254-1219)

PROTRACTORS

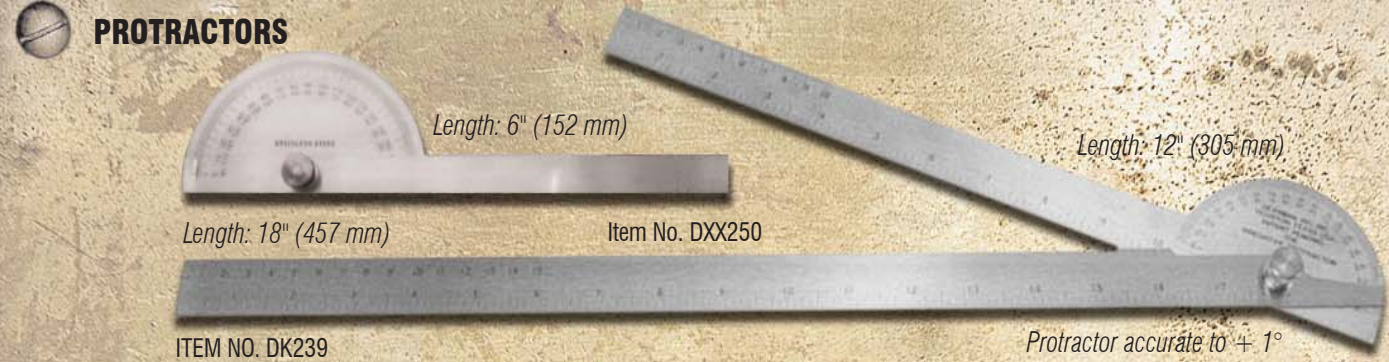
A Mathey Dearman Protractor is the perfect tool to determine/set bevels, transfer angles, and measure the squareness of one surface to another. The Mini (DX250) and Small (DK239) Protractors are made of stainless steel. The Large Protractor (DK100) is made of aluminum for easy handling. Protractor blades can be locked in place at specific angles and the heads have dual graduations from 0° to 180° in both directions.



The Small Protractor is an excellent tool for sheet metal layout, checking squareness of pipe ends up to 17" (432 mm) diameter and can be used to check smaller pipe miter angles 0° to 90°.



PROTRACTORS



The Large Protractor will measure squareness of pipe ends up to 40" (1016 mm) diameter or can be used to check large pipe miter angles up to 180°.



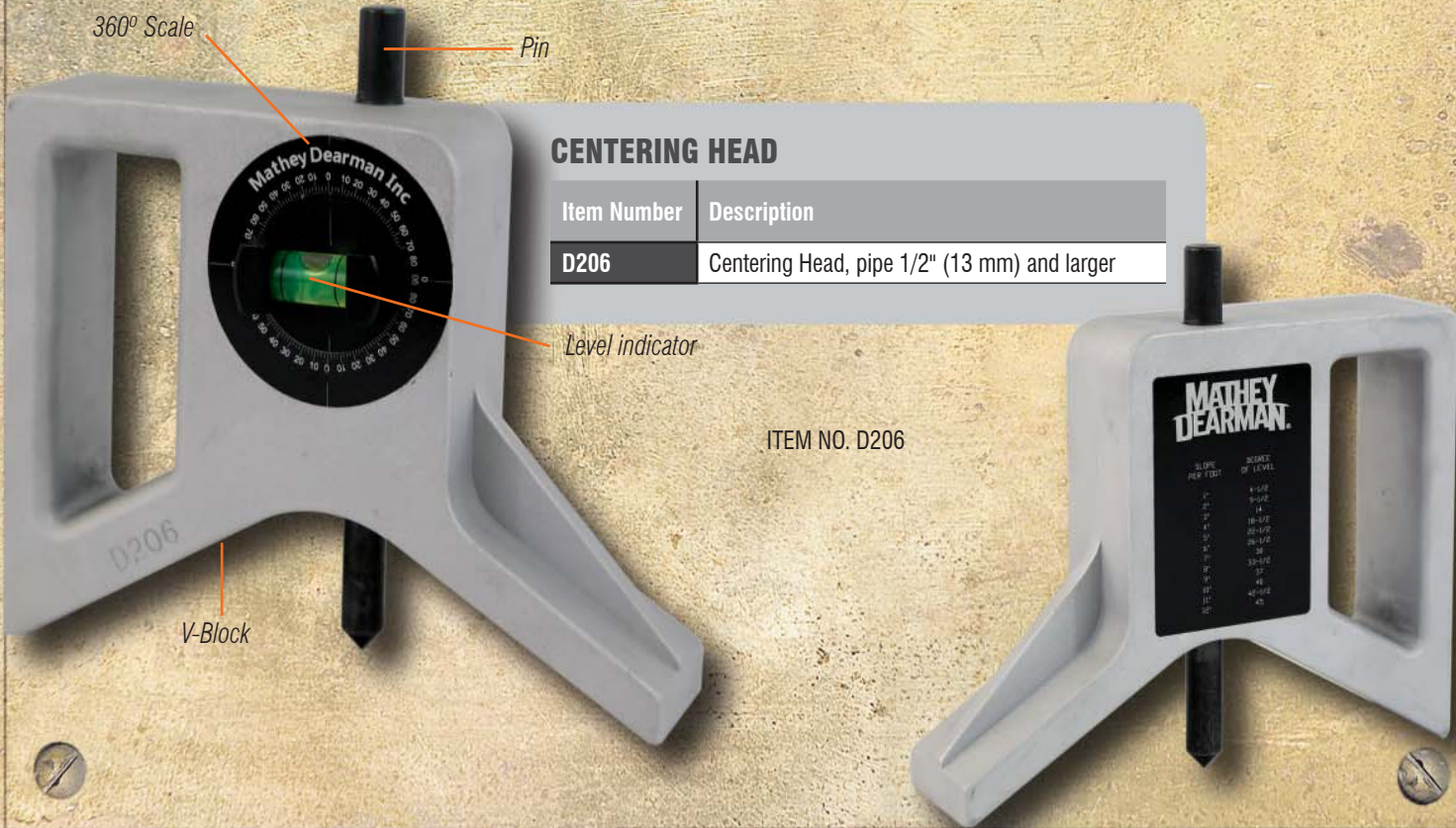
The Mini Protractor can be used for a variety of applications including measuring bevel angle.

Item Number	Description
DXX250	Mini Stainless Steel Protractor
DK239	Small Stainless Steel Protractor
DK100	Large Aluminum Protractor

CENTERING HEAD

Mathey Dearman's Centering Head provides a quick and accurate method for establishing pipe centerline, locating points on tanks or pipes, measuring slope, establishing angles and laying keyways. The Centering Head dial face is marked in 2 1/2 degree increments, and can also be used to measure and mark points around the pipe flange or fitting.

- TRUE** | Precisely locates top dead center
- EASY** | Simple and quick to use
- VERSATILE** | Use to find points on shafts, tanks, or pipe



Item Number	Description
D206	Centering Head, pipe 1/2" (13 mm) and larger

SPACING WEDGES

When using Mathey Dearman Chain Clamps, Spacing Wedges enable better fit-up of pipe ends. Wedges are used to create precise weld gap. Simply move the pipe ends together, mount and tighten the chain clamp or cage Clamp and spread the gap to the desired width using the Spacing Wedge. The wedge portion of the Spacing Wedge is case hardened for long life, while the upper part of the Wedge is soft enough to prevent splintering.



Item Number	Description
D271	Spacing Wedge, 8" x 1 1/2" x 1/4" (203 mm x 38 mm x 6.4 mm)
D272	Spacing Wedge, 3 1/2" x 1 1/2" x 1/4" (89 mm x 38 mm x 6.4 mm)
BOXES OF 10	
D271-BOX	D271 Spacing Wedge - Box of 10
D272-BOX	D272 Spacing Wedge - Box of 10

ITEM NO. D271 (Large)
D272 (Medium)

Purchase individually, or in boxes of ten (10) each.



Clip to belt or hang in tool box.



Weld gap can be quickly set using our Spacing Wedges.

PIPE WRAP

Mathey Dearman Pipe Wrap has double-ruled edges so it is never upside down or backwards. The Wrap can be used as a straight edge to mark straight lines around the pipe and to mark angles for pipe elbows. The Pipe Wrap is constructed of highly abrasion and solvent resistant materials to last under heavy use.

Pipe Wrap Includes:

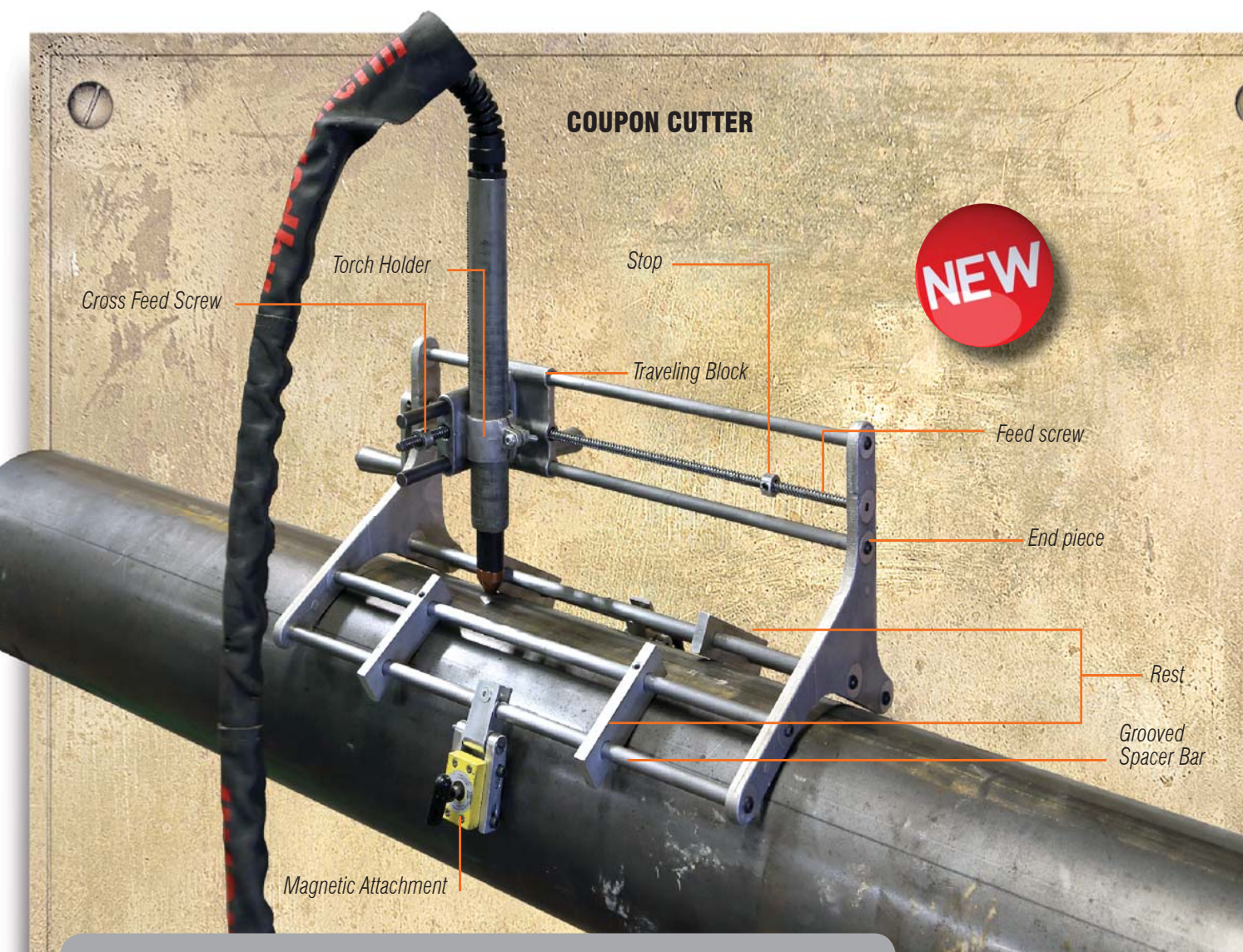
- Table of tangents and straight edge
- Instructions for cutting elbows
- Sides marked in 1/8" (3.2 mm) increments to 36" (914 mm)
- Instructions for finding the length of an elbow
- 45-degree angle chart
- Degree markings

Pipe Size in (mm)	Size	Item Number	Description
3-15 (76-381)	Medium	D160	Wrap, 4" x 4' / 102 mm x 1219 mm
3-22 (76-559)	Large	D170	Wrap, 4" x 6' / 102 mm x 1829 mm
3-26 (76-660)	Extra Large	D177	Wrap, 4" x 7' / 102 mm x 2134 mm
Pipe size to be specified		D184	4" / 102 mm Width x Length Desired Sold in 1' / 305 mm Increments*
Pipe size to be specified		D185	5" / 127 mm Width x Length Desired Sold in 1' / 305 mm Increments*
Pipe size to be specified		D187	7" / 178mm Width x Length Desired Sold in 1' / 305mm Increments*



The Pipe Wrap is an excellent tool for aligning MagnaCut XM and CGM Guide Tracks on pipe over 18" (457 mm) to insure a square cut.

*Pipe Wrap sold per foot does not have any markings or instructions.



COUPON CUTTER

NEW

- Torch Holder
- Stop
- Traveling Block
- Feed screw
- End piece
- Rest
- Grooved Spacer Bar
- Magnetic Attachment
- Cross Feed Screw

- COUPONS** | Perfect for cutting test coupons for API, ASME and AWS welder certification
- TESTING** | Accurately cuts the same size coupon over and over
- VERSATILITY** | Use gas or plasma torches

The Coupon Cutter makes the cutting of weld test coupons quick and easy. This efficient tool can be used for any procedure requiring removal of a section of the pipe wall on pipe sizes 4" (102 mm) and larger. A magnetic attachment is used to rapidly fasten the machine to the pipe. The Coupon Cutter now includes a torque spline Feed Screw for rapid torch advance if required.



An excellent tool for making coupons for bend, tensile strength, and hardness tests.

Item Number	Item/ Assembly Description	Cuts Coupons
03.0300.000	Coupon Cutter	2" x 12" (51 mm x 305 mm)