

NOW AN **ESAB** COMPANY



2015 PRODUCT GUIDE

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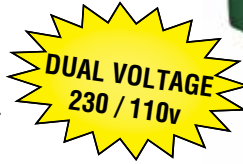
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PLASMA CUTTING SYSTEM

CUTMASTER 12 PLUS (SL40)

1ph, 50/60Hz, 110 / 230V Input / 40A Output.
 12mm Genuine Cut Capacity
 Efficiency - 230V = 13.5A 110V = 16.3A



System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 12 mm (230V)	1ph, 110 / 230V,	40A (230V)	40% @ 40A (230V)	228 x 117 x 470 mm	11.8kg
Genuine Cut: 8 mm (110V)	50/60Hz, 16A	27A (110V)	30% @ 27A (110V)		

Part No.	Description	List Price £
1-4200-4	Cutmaster 12 Plus Includes Power Supply, SL40™ Torch with 4.5m leads, Mains Cable, Work Cable & Clamp, Spare Parts, Carry Bag, Gloves, Cutting Glasses.	1,468.00

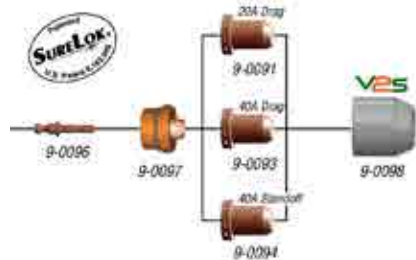
REPLACEMENT TORCH AND PARTS

		Pack Qty	
7-0040	SL40, (75°) Hand Torch and Lead package, 4.5m with ATC Connector	1	237.44
9-0091	Drag Tip - 20-35A (recommended for 110V)	5	2.65
9-0093	Drag Tip - 40A	5	2.65
9-0094	Standard Cutting Tip - 40A	5	2.65
9-0096	Electrode	5	3.87
9-0097	Start Cartridge	1	12.52
9-0098	Shield Cup	1	11.23
9-0090	Standoff Guide (SL40)	1	14.66

SL40 Torch features



Minimises gas consumption by recycling wasted vent gas as shield gas



Features

- Automatic voltage selection to 110V / 230V input power
- Lighter weight design for maximum portability
- New SL40 Torch features excellent arc visibility
- 3 Year Warranty Machine / 1 Year Warranty Torch
- SL40 Torch with Vent2Shield (VES) technology allows the use of smaller compressors compared to similar 40 Amp units.
- Surelok® electrode eliminates tip wobble found in some blow-apart torch designs, resulting in a cleaner arc and longer parts life
- Precision-engineered consumable parts are easy to change and require no tools
- Easy-to-use torch trigger release and ergonomic handle provide comfort during long cutting sessions

PLASMA CUTTING SYSTEM

CUTMASTER 12 PLUS (SL60)

1ph, 50/60Hz, 110 / 230V Input / 40A Output.
12 mm Genuine Cut Capacity
I efficiency - 230V = 13.5A 110V = 16.3A



System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 12 mm (230V) Genuine Cut: 8 mm (110V)	1ph, 110 / 230V, 50/60Hz, 16A	40A (230V) 27A (110V)	40% @ 40A (230V) 30% @ 27A (110V)	228 x 117 x 470 mm	11.8kg

Part No.	Description	List Price £
1-4200-4SL60	Cutmaster 12 Plus Includes Power Supply, SL60™ Torch with 6.1m leads, Mains Cable, Work Cable & Clamp, Spare Parts, Carry Bag, Gloves, Cutting Glasses.	1,518.00

REPLACEMENT TORCH AND PARTS

		Pack Qty	
7-5204	SL60, (75°) Hand Torch and Lead package, 6.1m with ATC Connector	1	395.73
9-8219	75° Torch Head	1	230.50
9-8207	Drag Tip - 40A	5	4.42
9-8208	Standard Cutting Tip - 40A	5	4.42
9-8215	Electrode	5	6.45
9-8213	Start Cartridge	1	18.42
9-8218	Standard Shield Cup	1	16.55

For the full range of 1Torch consumables and torches, please refer to pages 14 and 15

OPTIONS AND ACCESSORIES

7-7507	Air Filter Kit	89.35
9-7741	Replacement Filter Cartridge	25.20
7-7501	Basic Cutting Guide Kit	75.74
7-8910	Cutting Guide Kit Deluxe	186.94
7-8888	Multi-Purpose Cart	192.33
7-8911	Straight Line Cutting Guide	197.65
9-1260	Leather Lead Cover 6.1m	79.08
9-1280	Leather Lead Cover 15.2m	158.13

Features

- Automatic voltage selection to 110V / 230V input power
- Lighter weight design for maximum portability
- SL60 torch is more robust and offers extended cut capacity compared to SL40 torch
- 3 Year Warranty Machine / 1 Year Warranty Torch
- Surelok® electrode eliminates tip wobble found in some blow-apart torch designs, resulting in a cleaner arc and longer parts life
- Precision-engineered consumable parts are easy to change and require no tools
- Easy-to-use torch trigger release and ergonomic handle provide comfort during long cutting sessions



PLASMA CUTTING SYSTEM

CUTMASTER 12

3ph, 50/60Hz, 400V Input / 40A Output.
12mm Genuine Cut Capacity
Efficiency = 5A

System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 12mm Maximum Cut: 15mm Severance: 20mm	3ph, 400V, 50/60Hz, 8A	40 Amps	60% @ 40A	381 x 305 x 610 mm	19.5kg

Part No.	Description	List Price £
1-5130-4	Cutmaster 12 - 6.1m torch leads with ATC Connector	2,024.00
1-5131-4	Cutmaster 12 - 15.2m torch leads with ATC Connector	2,156.00

Includes Power Supply, SL60™ Torch with 6.1m or 15.2m leads, Mains Cable, Work Cable & Clamp, Spare Parts and Operating Manual

REPLACEMENT TORCH AND PARTS

Pack Qty

7-5204	SL60, (75°) Hand Torch and Lead package, 6.1m with ATC Connector	1	395.73
9-8219	75° Torch Head	1	230.50
9-8207	Drag Tip - 40A	5	4.42
9-8208	Standard Cutting Tip - 40A	5	4.42
9-8215	Electrode	5	6.45
9-8213	Start Cartridge	1	18.42
9-8218	Standard Shield Cup	1	16.55

For the full range of 1Torch consumables and torches, please refer to pages 14 and 15

OPTIONS AND ACCESSORIES

7-7507	Air Filter Kit	89.35
9-7741	Replacement Filter Cartridge	25.20
7-7501	Basic Cutting Guide Kit	75.74
7-8910	Cutting Guide Kit Deluxe	186.94
7-8888	Multi-Purpose Cart	192.33
7-8911	Straight Line Cutting Guide	197.65
9-1260	Leather Lead Cover 6.1m	79.08
9-1280	Leather Lead Cover 15.2m	158.13

Features

- Front Panel LED's indicate status conditions for maximum efficiency
- Trigger latch feature prevents hand fatigue during long cuts. Auto pilot restart instantly re-ignites the pilot arc while cutting expanded metals
- True Guard roll bar provides easy transportation and protection for unmatched durability
- Lighter weight design for maximum portability
- Storage compartment for convenient access to spare parts and consumables
- Versatile 1Torch with ATC disconnect makes it easy to add lead extensions offering a combined extension and lead length of up to 30.5m
- 3 Year Warranty Machine / 1 Year Warranty Torch

PLASMA CUTTING SYSTEM

CUTMASTER 20

3ph, 50/60Hz, 400V Input / 60A Output.
20mm Genuine Cut Capacity
I efficiency = 11A



System Specifications

Cut Capacity		Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut:	20mm	3ph, 400V, 50/60Hz, 16A	60 Amps	40% @ 60A	381 x 305 x 610 mm	19.5kg
Maximum Cut:	25mm					
Severance:	32mm					

Part No.	Description	List Price £
1-1130-4	Cutmaster 20 - 6.1m torch leads with ATC Connector	2,626.00
1-1131-4	Cutmaster 20 - 15.2m torch leads with ATC Connector	2,758.00

Includes Power Supply, SL60™ Torch with 6.1m or 15.2m leads, Mains Cable, Work Cable & Clamp, Spare Parts and Operating Manual

REPLACEMENT TORCH AND PARTS

Pack Qty

7-5204	SL60, (75°) Hand Torch and Lead package, 6.1m with ATC Connector	1	395.73
9-8219	75° Torch Head	1	230.50
9-8252	Drag Tip - 60A	5	6.47
9-8210	Standard Cutting Tip - 60A	5	4.42
9-8215	Electrode	5	6.45
9-8213	Start Cartridge	1	18.42
9-8218	Standard Shield Cup	1	16.55

For the full range of 1Torch consumables and torches, please refer to pages 14 and 15

OPTIONS AND ACCESSORIES

7-7507	Air Filter Kit	89.35
9-7741	Replacement Filter Cartridge	25.20
7-7501	Basic Cutting Guide Kit	75.74
7-8910	Cutting Guide Kit Deluxe	186.94
7-8888	Multi-Purpose Cart	192.33
7-8911	Straight Line Cutting Guide	197.65
9-1260	Leather Lead Cover 6.1m	79.08
9-1280	Leather Lead Cover 15.2m	158.13

Features

- Front Panel LED's indicate status conditions for maximum efficiency
- Trigger latch feature prevents hand fatigue during long cuts. Auto pilot restart instantly re-ignites the pilot arc while cutting expanded metals
- True Guard roll bar provides easy transportation and protection for unmatched durability
- Lighter weight design for maximum portability
- Storage compartment for convenient access to spare parts and consumables
- Versatile 1Torch with ATC disconnect makes it easy to add lead extensions offering a combined extension and lead length of up to 30.5m
- 3 Year Warranty Machine / 1 Year Warranty Torch



PLASMA CUTTING SYSTEM



CUTMASTER 25

3ph, 50/60Hz, 400V Input / 80A Output.
 25mm Genuine Cut Capacity
 Efficiency = 12A

System Specifications					
Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 25mm	3ph, 400V,	80 Amps	40% @ 80A	381 x 305 x 610 mm	19.5kg
Maximum Cut: 30mm	50/60Hz, 20A				
Severance: 38mm					

Part No.	Description	List Price £
1-1330-4	Cutmaster 25 - 6.1m torch leads with ATC Connector	3,173.00
1-1331-4	Cutmaster 25 - 15.2m torch leads with ATC Connector	3,304.00

Includes Power Supply, SL60™ Torch with 6.1m or 15.2m leads,
 Mains Cable, Work Cable & Clamp, Spare Parts and Operating Manual

REPLACEMENT TORCH AND PARTS		Pack Qty	
7-5204	SL60, (75°) Hand Torch and Lead package, 6.1m with ATC Connector	1	395.73
9-8219	75° Torch Head	1	230.50
9-8211	Standard Cutting Tip - 80A	5	4.42
9-8215	Electrode	5	6.45
9-8213	Start Cartridge	1	18.42
9-8218	Standard Shield Cup	1	16.55

For the full range of 1Torch consumables and torches, please refer to pages 14 and 15

OPTIONS AND ACCESSORIES		
7-7507	Air Filter Kit	89.35
9-7741	Replacement Filter Cartridge	25.20
7-7501	Basic Cutting Guide Kit	75.74
7-8910	Cutting Guide Kit Deluxe	186.94
7-8888	Multi-Purpose Cart	192.33
7-8911	Straight Line Cutting Guide	197.65
9-1260	Leather Lead Cover 6.1m	79.08
9-1280	Leather Lead Cover 15.2m	158.13

- Features**
- Front Panel LED's indicate status conditions for maximum efficiency
 - Trigger latch feature prevents hand fatigue during long cuts. Auto pilot restart instantly re-ignites the pilot arc while cutting expanded metals
 - True Guard roll bar provides easy transportation and protection for unmatched durability
 - Tip Saver™ current fold back circuit design prevents tip failure when the tip touches the work piece at high output current levels resulting in prolonged consumable parts life
 - Lighter weight design for maximum portability
 - Storage compartment for convenient access to spare parts and consumables
 - Versatile 1Torch with ATC disconnect makes it easy to add lead extensions offering a combined extension and lead length of up to 30.5m
 - 3 Year Warranty Machine / 1 Year Warranty Torch

PLASMA CUTTING SYSTEM

CUTMASTER 35

3ph, 50/60Hz, 400V Input / 100A Output.
35mm Genuine Cut Capacity
I efficiency = 24A



System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 35mm Maximum Cut: 40mm Severance: 45mm	3ph, 400V, 50/60Hz, 27A	100 Amps	60% @ 100A	381 x 305 x 762 mm	28.1kg

Part No.	Description	List Price £
1-1730-4	Cutmaster 35 - 6.1m torch leads with ATC Connector	4,489.00
1-1731-4	Cutmaster 35 - 15.2m torch leads with ATC Connector	4,617.00

Includes Power Supply, SL100™ Torch with 6.1m or 15.2m leads, Mains Cable, Work Cable & Clamp, Spare Parts and Operating Manual

REPLACEMENT TORCH AND PARTS

Pack Qty

7-5206	SL100, (75°) Hand Torch and Lead package, 6.1m with ATC Connector	1	395.73
9-8219	75° Torch Head	1	230.50
9-8212	Standard Cutting Tip - 100A	5	4.42
9-8215	Electrode	5	6.45
9-8213	Start Cartridge	1	18.42
9-8218	Standard Shield Cup	1	16.55

For the full range of 1Torch consumables and torches, please refer to pages 14 and 15

OPTIONS AND ACCESSORIES

7-7507	Air Filter Kit	89.35
9-7741	Replacement Filter Cartridge	25.20
7-7501	Basic Cutting Guide Kit	75.74
7-8910	Cutting Guide Kit Deluxe	186.94
7-8888	Multi-Purpose Cart	192.33
7-8911	Straight Line Cutting Guide	197.65
9-1260	Leather Lead Cover 6.1m	79.08
9-1280	Leather Lead Cover 15.2m	158.13

Features

- Front Panel LED's indicate status conditions for maximum efficiency
- Trigger latch feature prevents hand fatigue during long cuts. Auto pilot restart instantly re-ignites the pilot arc while cutting expanded metals
- True Guard roll bar provides easy transportation and protection for unmatched durability
- Tip Saver™ current fold back circuit design prevents tip failure when the tip touches the work piece at high output current levels resulting in prolonged consumable parts life
- Lighter weight design for maximum portability
- Storage compartment for convenient access to spare parts and consumables
- Versatile 1Torch with ATC disconnect makes it easy to add lead extensions offering a combined extension and lead length of up to 30.5m
- 3 Year Warranty Machine / 1 Year Warranty Torch



PLASMA CUTTING SYSTEM

CUTMASTER 40

3ph, 50/60Hz, 400V Input / 120A Output.
 40mm Genuine Cut Capacity
 Efficiency = 31A

System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 40mm Maximum Cut: 50mm Severance: 55mm	3ph, 400V, 50/60Hz, 32A	120 Amps	40% @ 120A	381 x 305 x 762 mm	28.1kg

Part No.	Description	List Price £
1-1930-4	Cutmaster 40 - 6.1m torch leads with ATC Connector	4,979.00
1-1931-4	Cutmaster 40 - 15.2m torch leads with ATC Connector	5,110.00

Includes Power Supply, SL100™ Torch with 6.1m or 15.2m leads, Mains Cable, Work Cable & Clamp, Spare Parts and Operating Manual

REPLACEMENT TORCH AND PARTS

Pack Qty

7-5206	SL100, (75°) Hand Torch and Lead package, 6.1m with ATC Connector	1	395.73
9-8219	75° Torch Head	1	230.50
9-8253	Standard Cutting Tip - 120A	5	5.18
9-8215	Electrode	5	6.45
9-8213	Start Cartridge	1	18.42
9-8218	Standard Shield Cup	1	16.55

For the full range of 1Torch consumables and torches, please refer to pages 14 and 15

OPTIONS AND ACCESSORIES

7-7507	Air Filter Kit	89.35
9-7741	Replacement Filter Cartridge	25.20
7-7501	Basic Cutting Guide Kit	75.74
7-8910	Cutting Guide Kit Deluxe	186.94
7-8888	Multi-Purpose Cart	192.33
7-8911	Straight Line Cutting Guide	197.65
9-1260	Leather Lead Cover 6.1m	79.08
9-1280	Leather Lead Cover 15.2m	158.13

Features

- Front Panel LED's indicate status conditions for maximum efficiency
- Trigger latch feature prevents hand fatigue during long cuts. Auto pilot restart instantly re-ignites the pilot arc while cutting expanded metals
- True Guard roll bar provides easy transportation and protection for unmatched durability
- Tip Saver™ current fold back circuit design prevents tip failure when the tip touches the work piece at high output current levels resulting in prolonged consumable parts life
- Lighter weight design for maximum portability
- Storage compartment for convenient access to spare parts and consumables
- Versatile 1Torch with ATC disconnect makes it easy to add lead extensions offering a combined extension and lead length of up to 30.5m
- 3 Year Warranty Machine / 1 Year Warranty Torch

PLASMA CUTTING SYSTEM

DRAG-GUN PLUS

1ph, 50/60Hz, 230V Input / 35A Output.
9mm Genuine Cut Capacity, Integrated Compressor
Efficiency = 18A



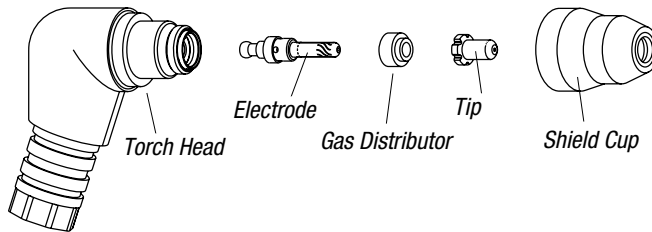
System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Genuine Cut: 9 mm	1ph, 230V, 50/60Hz, 18A	15 - 35A	35% @ 35A	279 x 267 x 394 mm	25.7 kg

Part No.	Description	List Price £
1-3835-4F	Drag-Gun Plus (fitted with Air Dryer Kit for environments with high humidity or fluctuating temperatures) Includes Power Supply, PCH-42ER Torch with 6.1m leads, Mains Cable, Work Cable & Clamp, Spare Parts Kit	2,222.00

REPLACEMENT TORCH AND PARTS

		Pack Qty	
7-4220	PCH-42ER (70°) Hand Torch and Lead package 6.1m	1	392.02
9-8442	70° Torch Head	1	187.59
9-6501	Tip - 35A	10	3.03
9-6542	SureLok Electrode	5	5.26
9-6507	Gas Distributor	1	11.67
9-6003	Shield Cup - Heavy Duty	1	14.06



OPTIONS AND ACCESSORIES

7-7501	Cutting Guide Kit	75.74
9-1260	Leather Leads Cover	79.08

Features

- Built in air compressor brings maximum convenience and portability
- Ready to cut right out of the box - just plug it in
- Powerful performance
- Maximum Arc visibility for excellent operator control
- 2 Year Warranty Machine / 1 Year Warranty Torch

PLASMA CUTTING SYSTEM

PAK-200i

3ph, 50/60Hz, 400V Input / 35 - 200A Output.
70 mm Cut Capacity
I efficiency = 57A



System Specifications

Cut Capacity	Input	Output	Duty Cycle	Dimensions (HxWxD)	Weight
Maximum Cut: 70 mm	3ph, 400V, 50/60Hz, 57A	35 - 200A	100% @ 200A	1213 x 701 x 914 mm	222 kg

Part No.	Description	List Price £
1-2251	PAK-200i - complete system with 70° torch and 7.6 m Leads	17,204.00
1-2252	PAK-200i - complete system with 70° torch and 15.2 m Leads	17,624.00
1-2253	PAK-200i - complete system with 90° torch and 7.6 m Leads	17,204.00
1-2254	PAK-200i - complete system with 90° torch and 15.2 m Leads	17,624.00
1-2255	PAK-200i - complete system with 180° torch and 7.6 m Leads	17,447.00
1-2256	PAK-200i - complete system with 180° torch and 15.2 m Leads	17,867.00

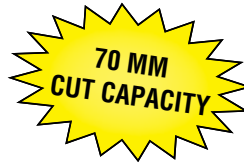
Includes Power Supply, torch, Ground Cable & Clamp and Coolant.
(Note: spare parts are not included)

REPLACEMENT TORCH AND LEADS

2-0009	PCH-200 70° torch with 7.6 m Leads	1,765.94
2-0010	PCH-200 70° torch with 15.2 m Leads	2,185.92
2-0011	PCH-200 70° torch with 30.5 m Leads	2,605.90
2-0012	PCH-200 90° torch with 7.6 m Leads	1,765.94
2-0013	PCH-200 90° torch with 15.2 m Leads	2,185.92
2-0014	PCH-200 90° torch with 30.5 m Leads	2,605.90
2-0015	PCM-200 180° torch with 7.6 m Leads	2,008.82
2-0016	PCM-200 180° torch with 15.2 m Leads	2,428.80
2-0017	PCM-200 180° torch with 30.5 m Leads	2,848.78

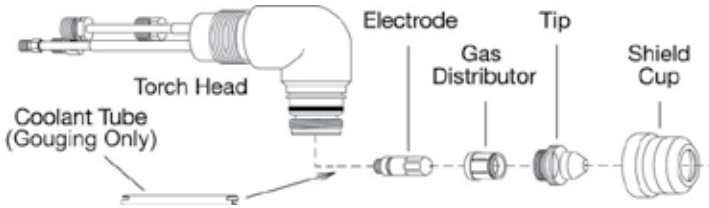
OPTIONS AND ACCESSORIES

		Pack Quantity	
7-7505	Circle Cutting Attachment	1	109.81
7-3460	Remote Pendant Control	1	155.72
9-7378	Wheel Kit	1	95.55
7-3580	Extra Cool™ Torch Coolant (3.8L)	2	22.71



PLASMA CUTTING SYSTEM

PAK-200i



REPLACEMENT TORCH AND PARTS

Part No.	Description	Pack Quantity	List Price £
32-1325	Shield Cup, Standard	1	45.35
32-1326	Crown Shield Cup (manual cutting)	1	50.95
32-1527	Shield Cup Gouging	1	50.33
32-1323	Tip, 200A	1	8.08
32-1330	Tip, 150A	1	8.08
32-1322	Tip, 120A	1	8.08
32-1321	Tip, 70A	1	8.08
32-1320	Tip, 35A	1	8.08
32-1512	Tip (0.110) Gouging	1	22.36
32-1513	Tip (0.125) Gouging	1	22.36
32-1514	Tip (0.156) Gouging	1	22.36
32-1515	Tip (0.171) Gouging	1	22.36
32-1315	Gas Distributor, Cutting	1	32.31
32-1509	Gas Distributor, Gouging	1	64.61
32-1310	Electrode, Air Cutting	5	11.80
32-1311	Electrode, Multi-Gas Cutting	5	11.80
32-1504	Electrode, Air, Gouging	1	35.41
32-1505	Electrode, ArH2, Gouging	1	34.99
32-1502	Coolant Tube Extension, Gouging	1	20.50
20-0001	Wrench	1	35.69
8-4025	O-Ring Lubricant	1	5.54
9-4173	Parts Box	1	39.39

Features

- **200 Amps of cutting power** - This unit is capable of hand cutting at 200 Amps with the ability to cut up to 70 mm on mild steel. At full output this unit will cut 254 mm/min on 50 mm mild steel.
- **100% duty cycle** - This machine offers 100% duty cycle at full output.
- **Dual gas capability** - The dual gas system ensures superior quality and performance on ferrous and non-ferrous materials. (Plasma Gas: Air, ArH2, N2, Secondary Gas: Air, N2)
- **High gouging removal rate** - With the ability to remove up to 11.3 kg of mild steel per hour.
- **Tip Saver for optimal tip life** - This ensures that any accidental contact between the tip and the work at high power levels will not damage the tip.
- **2 Year Warranty Machine / 1 Year Warranty Torch**



PLASMA CUTTING TORCHES

1TORCH™ SL60™ and SL100™ Torches

Part No.	Description	List Price £
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Hand Cutting Torches

STANDARD RPT TORCHES (02B)

(Torches suitable for fitting to competitor systems or older Thermal Dynamics systems using a torch adaptor kit)

7-5200	SL60™ 80 Amp 75° 6.1m	345.71
7-5201	SL60™ 80 Amp 75° 15.2m	439.88
7-5202	SL100™ 120 Amp 75° 6.1m	345.71
7-5203	SL100™ 120 Amp 75° 15.2m	439.88

TORCHES WITH ATC (ADVANCED TORCH CONNECTOR)

(Torches fitted with ATC for connection to a Cutmaster TRUE or Cutmaster 1Series system, or for other systems if used with a torch adaptor kit and ATC adaptor kit)

7-5204	SL60™ 80 Amp 75° 6.1m ATC	395.73
7-5205	SL60™ 80 Amp 75° 15.2m ATC	542.83
7-5206	SL100™ 120 Amp 75° 6.1m ATC	395.73
7-5208	SL100™ 120 Amp 75° 15.2m ATC	542.83

Mechanised Cutting Torches

STANDARD RPT TORCHES (02B)

(Torches suitable for fitting to competitor systems or older Thermal Dynamics systems using a torch adaptor kit)

7-5209	SL100™ 120 Amp 180° 7.6m with fibreglass tube and rack	347.05
7-5210	SL100™ 120 Amp 180° 15.2m with fibreglass tube and rack	417.21

TORCHES WITH ATC (ADVANCED TORCH CONNECTOR)

(Torches fitted with ATC for connection to a Cutmaster TRUE or Cutmaster 1Series system, or for other systems if used with a torch adaptor kit and ATC adaptor kit)

7-5215	SL100™ 120 Amp 180° 7.6m ATC with fibreglass tube and rack	545.66
7-5216	SL100™ 120 Amp 180° 15.2m ATC with fibreglass tube and rack	643.17

ATC Adaptors and Extensions

7-5207	ATC Receptacle Adapter	87.06
	<small>This receptacle adapter is required for each power supply using an ATC torch connection. This is connected to the torch adapter kit specific to each power supply</small>	
7-7544	ATC Lead Extension 4.6m	200.57
7-7545	ATC Lead Extension 7.6m	236.15
7-7552	ATC Lead Extension 15.2m	449.73
7-3460	Remote Pendant Control	155.72

PLASMA CUTTING TORCHES



ELECTRODE	START CARTRIDGE	TIP	SHEILD CUP	SHEILD CUP BODY	DRAG SHIELD CAP	DEFLECTOR SHIELD CAP	GOUGING SHIELD CAP
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1Torch Consumables

1Torch Repair Parts

Part No.	Description	Pack Qty	List Price £
9-8205	Tip, Cutting, 20A, Drag	5	4.42
9-8206	Tip, Cutting, 30A, Drag	5	4.42
9-8207	Tip, Cutting, 40A, Drag	5	4.42
9-8208	Tip, Cutting, 40A	5	4.42
9-8209	Tip, Cutting, 50/55A	5	4.42
9-8210	Tip, Cutting, 60A	5	4.42
9-8211	Tip, Cutting, 80A	5	4.42
9-8212	Tip, Cutting, 90/100A	5	4.42
9-8213	Start Cartridge	1	18.42
9-8215	Electrode, MaximumLife®	5	6.45
9-8218	Standard Shield Cup	1	16.55
9-8225	Tip, Gouging, 40A	5	5.47
9-8226	Tip, Gouging, 60A	5	5.47
9-8227	Tip, Gouging, 80A	5	5.47
9-8228	Tip, Gouging, 100A	5	5.47
9-8254	Tip, Gouging, 120A	5	5.47
9-8231	Tip, Cutting, 70A	5	4.42
9-8253	Tip, Cutting, 120A	5	5.18
9-8252	Tip, Drag, 60A	5	6.47
9-8235	Shield Cap, Drag, 50-60A	1	10.37
9-8236	Shield Cap, Drag, 70-100A	1	10.37
9-8258	Shield Cap, Drag, 120A	1	10.37
9-8237	Shield Cup body, MaximumLife®	1	35.03
9-8238	Shield Cap, Machine, 50-60A	1	9.42
9-8239	Shield Cap, Machine, 70-100A	1	9.42
9-8241	Shield Cap, Gouging	1	10.37
9-8243	Shield Cap, Deflector	1	11.72
9-8251	Standoff Cutting Guide (40-60A)	1	16.61
9-8281	Standoff Cutting Guide (60-120A)	1	16.61
9-8224	Ohmic Clip (Machine Cutting)	1	20.04

Part No.	Description	List Price £
9-8219	SL60/SL100 75° Torch Head	230.50
4-7830	SL60 Hand Leads Package (O2B), 6.1m	217.17
4-7832	SL100 Hand Leads Package (O2B), 6.1m	217.17
4-7833	SL100 Hand Leads Package (O2B), 15.2m	313.83
4-7834	SL60 Hand Leads Package (ATC), 6.1m	238.18
4-7835	SL60 Hand Leads Package (ATC), 15.2m	269.00
4-7836	SL100 Hand Leads Package (ATC), 6.1m	238.18
4-7837	SL100 Hand Leads Package (ATC), 15.2m	269.00
9-7030	SL60/SL100 75° Torch Handle Kit	46.23
9-7031	SL60/SL100 Switch Assembly	18.70
9-7034	SL60/SL100 Torch Trigger Assembly	26.16



Cutmaster TRUE Standoff Cutting Guides

9-8281 - 60-120A 9-8251 - 40-60A

TORCH ADAPTOR KITS

Power Source Model	Adaptor Kit
HYPERTHERM®	
Powermax® 380	7-3477
Powermax® 600 w/lnt. Q.D.	7-3480
Powermax® 800 / 900	7-3481
Powermax® 1100	7-3455
Powermax® 1650	7-3483
Max® 42 / 43 / 40cs	7-3454
Max® 40 / HT40 (HF Start)	7-3430
Max® 70 / 80 / 100	7-3430
ESAB®	
CaddyCut, PCM-SMI, 500i, 625i, PCS-43, HandyPlasma 50	7-3425
PCS-53, 80, 90	7-3435
ESP-100i, LPH 120	7-3426
LPH 50/80, PCM-750i, 875, 1000i, 1125, HandyPlasma 70	7-3429
CEBORA®	
Prof 36, 52, 70	7-3471EL
SAF®	
Zip 1.0, 2.0, 3.0, 4.0, Prestozip 615, Prestozip 2, Nertazip 215, 525/225, 540 Z1.0, Z2.0, Z3.0, CP40R, CP100R	7-3471EL
Miller®	
*Plazcut 60/Zipcut	7-3432
Spectrum 250D, 500, 750	7-3433
Spectrum 700, 1000, 1250, PLUS	7-3430
Spectrum 3080	7-3456
Spectrum 701, 2050, 650	7-3457
Spectrum 300	7-3476
Spectrum 375	7-3477
OERLIKON®	
CITOARC AP15-1, AP25-2, AP217, AP225	7-3471EL
THERMAL DYNAMICS®	
PAK® 3XR, 5XT, 5XR, 6XR, 7XR, 625XR, 750XR	7-3446
PAK® 8XR, 10XR, 1000XR, 1250XR, PakMaster™ 75, 100	7-3434
PakMaster™ 50XL/XLP, 75XL/XL+, 100XL/XL+ CUTMASTER™ 50, 75, 80XL, 100	7-3447
PakMaster™ 25, 38XL, EconoPAK® 25 Drag-Gun® 38, PAK® 4Xi, 6Xi 2XT-220, Dynapak® 110	7-3443
PakMaster™ 50 w/ Smart Torch	7-3445
EconoPAK® 50	7-3449
EconoPAK® 100	7-3450
PAK® 5	7-3444
PAK® 10	7-3436
TRAFIMET®	
AG0, A80, A81 (non Euro)	7-3437EL
BINZEL®	
PSB 30 (non Euro)	7-3472EL

Power Source Model	Adaptor Kit
MACHINES WITH STANDARD EURO STYLE CONNECTION (Most European systems from the following manufacturers)	
LINCOLN, EWS, CASTOLIN, CEBORA, SELCO, CEMONT, HELVI, CEA, STEL, CIFI, FRIMAR, JACKLE, TRAFIMET,	7-3470EL



NOTES:

Torch adaptor kits are used to connect the Thermal Dynamics® 1Torch to older Thermal Dynamics systems and also to competitor systems, giving you the potential to upgrade an older system with a brand new cutting torch with easily-available, high quality consumable parts.

To determine the correct adaptor kit, you will need to know the make and model of the plasma cutting system. If your system is not listed here, please contact us directly and we will determine the correct adaptor.

Please note, the maximum current output of some of the Power Supplies listed can exceed the maximum rating of the torch. Do not operate the selected RPT Replacement Torch at current levels above the rating of the torch.

Each Adapter Kit includes connection fitting, electrical connectors and installation instruction sheets for the selected power supply.

CEBORA is a registered trademark of Cebora S.p.A.; ESAB is a registered trademark of ESAB AB; LINCOLN is a registered trademark of Lincoln Electric Co.; HYPERTHERM, Max and Powermax are registered trademarks of Hypertherm, Inc.; MILLER and Spectrum are registered trademarks of Miller Electric Mfg. Co.; THERMAL DYNAMICS, PAK, CUTMASTER, PakMaster, EconoPAK, Dynapak and Drag-Gun are registered trademarks of Victor Technologies.

*The Miller PlazCut machines with Serial Numbers beginning JE are not compatible with 1Torch™ RPT Torches.

ACCESSORIES

TORCH CUTTING GUIDE KITS

Cutting Guide Kit (Deluxe)

Cat. No. 7-8910 List Price - £186.94

PCH 10, 25, 26, 28, 35, 40, 42, 60, 62, 75, 76, 80, 100XL, 102, RPT 28, 100R(ER), 1Torch

Cuts circles from 54mm to 1054mm with proper cutting attachments. This kit includes easy add-on attachments to fit most Thermal Dynamics® torches for precise straight line, circle cutting and bevelling. Includes Carrying Case, Radius/Roller Kit (7-7501), Circle Cutting Guide Kit (7-3291), Magnetic Pivot, Suction Pivot.



Circle Cutting Guide Kit

Cat. No 7-3291 List Price - £129.27

PCH 10, 25, 26, 28, 35, 40, 42, 60, 62, 75, 76, 80, 100XL, 102, RPT 28, 100R(ER), 1Torch

Cuts 54mm to 705mm circles (using magnetic attachment) when cutting or bevelling is required. For use with most Thermal Dynamics® torches. Guide shown with optional pivot (7-3148).



Radius / Roller Cutting Guide Kit

Cat. No. 7-7501 List Price - £75.74

PCH 10, 25, 26, 28, 35, 40, 42, 60, 62, 75, 76, 80, 100XL, 102, RPT 28, 100R(ER) 1Torch (not circles only radius)

This easy-to-use guide cut circles from 76mm up to 730mm. Maintains a consistent height off the work piece whether you are using the circle cutting attachment for cutting circles or the roller guide feature to improve your straight line cutting. Both novices and experts will see noticeable improvement in quality, speed and parts life. Can be used with most Thermal Dynamics® torches.



Straight Line Cutting Guide

Cat. No 7-8911 List Price - £197.65

Introducing a new cutting guide accessory suitable for all hand torches, PCH-10 through PCH-102 and the 1Torch. This versatile, straight line cutter is for hand held systems and it cuts vertical, 90°, or bevel cuts. Its consistent standoff improves cut quality and maximises overall performance. Produces more efficient straight line cuts



Lightweight, minimum set up time and no power required. Magnetic mounts ensure placement and ease of use. Optional suction plates available for nonmagnetic applications (i.e. aluminium and stainless steel). The Cutting Guide Kit includes: 1.2m standard rail Torch Holder and Busing Heavy Duty Magnets (2 ea.) Slide Assembly Wheels and Fasteners. Optional 1.2m extensions (9-7971) available.



SL40 Adaptor (Bushing)

Cat. No 7-2915 List Price - £14.66

This adaptor bushing allows the new SL40 torch to be used with Thermal Dynamics® torch cutting guide kits. Please order this part when ordering a cutting guide kit to be used with th SL40 torch. (Torch supplied with Thermal Dynamics® Cutmaster 12+ and CutSkill 35A systems.)



ACCESSORIES

MISCELLANEOUS TORCH ACCESSORIES

ATC™ Lead Extensions

- 4.6m (15 ft.) 7-7544 List Price - £200.57**
- 7.6m (25 ft.) 7-7545 List Price - £236.15**
- 15.2m (50 ft.) 7-7552 List Price - £449.73**

Available for any system using 1Torch with ATC Quick Disconnect. Leads Extensions enable you to customise your lead length to suit the cutting job up to 30.5m.



Remote Pendant Control

- Cat No. 7-3460 - 6.1m (20 ft.) List Price - £155.72**

Remote Pendant Control for mechanised applications.



Hand Pendant Extension

- Cat No. 7-7744 - 7.6m (25 ft.) List Price - £130.08**

Extension cable for 7-3460 Remote Pendant Control

Air Filter Kit

For improved consumable parts life and overall performance, Victor Technologies™ recommends Air Filter Kits be used on all plasma cutting systems.

Single Stage Air Filter Kit

- Cat. No. 7-7507 List Price - £89.35**
(Includes Filter Body 9-7740, Hose 9-7742, Filter Element 9-7741)

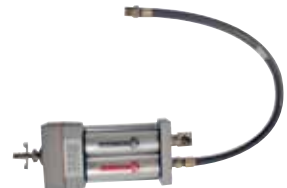
For use with shop compressed air systems, this in-line filter will not allow moisture or water to pass through the filter element even if it becomes completely saturated. This hi-tech filter element actually blocks the absorption of water to increase performance and improve consumable parts life.



Two Stage Air Filters

- Cat. No. 9-9387 List Price - £124.83**
For Cutmaster™ TRUE

The Two Stage Air Filter will remove moisture and contaminants from the air stream when using compressed air. The filter is capable of filtering to at least 5 microns. The filter assembly is pre-assembled at the factory and need only be installed on the power supply.



ACCESSORIES

LEATHER LEADS COVER

4.6m (15 ft.)	9-1258	List Price - £67.35
6.1m (20 ft.)	9-1260	List Price - £79.08
7.6m (25 ft.)	9-1270	List Price - £96.63
15.2m (50 ft.)	9-1280	List Price - £158.13

These leads covers are suitable for both 1Torch™ and SureLok® leads. Snaps make it easy to install. For wider torches, consider snapping two covers together width-ways.



TORCH COOLANT (For all Victor Technologies liquid-cooled systems)

Extra Cool™ Coolant (Standard Coolant)

Cat. No. 7-3580 List Price - £22.71

Resists freezing down to +10°F (-12°C)

Ultra Cool™ Coolant

Cat. No. 7-3581 List Price - £28.55

Resists freezing down to -27°F (-33°C)

Extreme Cool™ Coolant

Cat. No. 7-3582 List Price - £46.14

Resists freezing down to -65°F (-51°C)

De-I Cool™ Coolant

Cat. No. 7-3583 List Price - £12.02

De-ionised water mixture for use where freezing protection is not required.



PORTABLE GEAR

Multi-Purpose Cart

Cat. No. 7-8888 List Price - £192.33

Designed for most portable manual cutting systems such as the PakMaster or CUTMASTER, or any other similar sized systems. This rugged steel cart has easy rolling 203mm diameter wheels along with 76mm front mounted casters. This cart also serves as an excellent showroom display stand.



VICTOR[®]AN ESAB[®] BRAND**REGULATORS****EDGE ESS3 SINGLE STAGE REGULATORS**

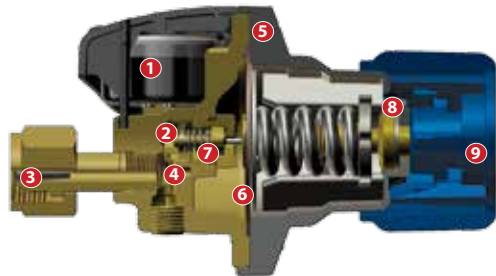
- Forged brass body
- External self reseating relief valve
- 40mm high contrast steel gauges
- Meets ISO 2503



Part Number	Type	Model No.	Gauges	Gas	PSI	Bar	Flow	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-2137	Single Stage	ESS3-10b-BS3	2	Oxygen	140	10	-	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	88.55
0785-2138	Single Stage	ESS3-4b-BS3	2	Oxygen	56	4	-	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	88.55
0785-2139	Single Stage	ESS3-1.5b-BS2	2	Acetylene	21	1.5	-	BS 341 no. 2 5/8" LH	Side	3/8" LH	25 bar	88.55
0785-2140	Single Stage	ESS3-4b-BS2	2	Propane	56	4	-	BS 341 no. 3 5/8" LH	Side	3/8" LH	25 bar	88.55
0785-2141	Single Stage	ESE3-10b-BS3	2	Oxygen	140	10	-	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	88.55
0785-2142	Single Stage	ESE3-4b-BS3	2	Oxygen	56	4	-	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	88.55
0785-2143	Flow Gauge	ESS3-25-BS3N	2	Argon/CO2			0-25 l/min	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	88.55
0785-2144	Flow Gauge	ESE3-25-BS3N	2	Argon/CO2			0-25 l/min	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	88.55

* NEVOC Fittings available on request - Add £5.00 to list price

Innovative regulator offers industry leading safety and advanced design.

SLAM™ TECHNOLOGY**Features**

- 1 Gauges are recessed into the body for the highest level of protection
- 2 More efficient internal flow paths translate to improved flow consistency from full to empty cylinder
- 3 Sintered filter is standard in the inlet to prevent contamination
- 4 Innovative internal design enables the regulator to pass the stringent ASTM G 175 promoted ignition test
- 5 Bonnet is made from high strength zinc-aluminium alloy for increased durability
- 6 Fabric-reinforced neoprene diaphragm provides superior sensitivity and control
- 7 Seat assembly is a time tested robust design
- 8 Internal vent system protects regulator from environmental contaminants
- 9 SLAM™ adjusting knob is designed with multi-stage crumple zones which absorb impact energy from a fall



REGULATORS

EDGE ETS4 MULTI STAGE REGULATORS

- Forged brass body
- Zinc-aluminum bonnet
- High impact ABS gauge guard
- 40mm high contrast steel gauges
- 69mm fabric reinforced neoprene diaphragm in 2nd stage, 19mm diameter brass piston in 1st stage
- External self reseating relief valve. Not designed to protect downstream equipment (no relief valve is needed on low pressure fuel gas models)
- Sintered inlet filter – nickel plated bronze
- SLAM™ impact absorbing safety knob
- Meets ISO 2503 ASTM G -175 promoted ignition test

Part Number	Type	Model No.	Gauges	Gas	PSI	Bar	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-2103	Multi-Stage	EDGE ETS4-4B-BS3	2	Oxygen	56	4	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	151.80
0785-2104	Multi-Stage	EDGE ETS4-10B-BS3	2	Oxygen	140	10	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	151.80
0785-2116	Multi-Stage	EDGE ETS4-1.5B-BS2	2	Acetylene	21	1.5	BS 341 no. 2 5/8" LH	Side	3/8" LH	25 bar	151.80
0785-2115	Multi-Stage	EDGE ETS4-4B-BS3	2	Oxygen	56	4	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	151.80
0785-2114	Multi-Stage	EDGE ETS4-10B-BS3	2	Oxygen	140	10	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	151.80
0785-2105	Multi-Stage	EDGE ETS4-10B-BS3	2	Argon/CO ₂	56	4	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	151.80

* NEVOC Fittings available on request - Add £5.00 to list price

Multi-stage regulators are recommended for applications that require a constant delivery pressure over a range of decreasing inlet pressures.

This precise two stage regulation provides superior operating characteristics for applications where change in delivery pressure would affect performance characteristics of work or test results.

SLAM™ TECHNOLOGY



Features

- 1 Gauges are recessed into the body for the highest level of protection
- 2 More efficient internal flow paths translate to improved flow consistency from full to empty cylinder
- 3 Sintered filter is standard in the inlet to prevent contamination
- 4 Innovative internal design enables the regulator to pass the stringent ASTM G 175 promoted ignition test
- 5 Bonnet is made from high strength zinc-aluminium alloy for increased durability
- 6 Fabric-reinforced neoprene diaphragm provides superior sensitivity and control
- 7 Seat assembly is a time tested robust design
- 8 Internal vent system protects regulator from environmental contaminants
- 9 SLAM™ adjusting knob is designed with multi-stage crumple zones which absorb impact energy from a fall

VICTOR[®]AN ESAB[®] BRAND**REGULATORS****HIGH PRESSURE REGULATORS**

- Bar Stock brass body
- External self reseating relief valve where fitted
- 50mm high contrast steel gauges
- Pressure gauges meet ISO 5171

**HIGH PRESSURE SINGLE STAGE**

Part Number	Model No.	Gauges	Gas	Bar	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-4000	GA400	2	Oxygen	28	BS 341 no3 5/8 RH	Bottom	3/8 BSP RH	300 Bar	273.24
0785-4001	GA400	2	Inert	28	BS 341 no3 5/8 RH	Bottom	3/8 BSP RH	300 Bar	273.24
0785-4002	GA400	2	Fuel Gas	28	BS 341 no4 5/8 LH	Bottom	3/8 BSP LH	300 Bar	273.24
0785-4003	GA400	2	Inert	28	NEVOC	Bottom	3/8 BSP RH	300 Bar	278.30
0785-4004	GA1500	2	Oxygen	105	BS 341 no3 5/8 RH	Bottom	1/4 BSPT RH	300 Bar	328.90
0785-4005	GA1500	2	Inert	105	BS 341 no3 5/8 RH	Bottom	1/4 BSPT RH	300 Bar	328.90
0785-4006	GA1500	2	Fuel Gas	105	BS 341 no4 5/8 LH	Bottom	1/4 BSPT RH	300 Bar	328.90
0785-4007	GA1500	2	Inert	105	NEVOC	Bottom	1/4 BSPT RH	300 Bar	333.96
0785-4008	GA2500	2	Oxygen	175	BS 341 no3 5/8 RH	Bottom	1/4 BSPT RH	300 Bar	445.28
0785-4009	GA2500	2	Inert	175	BS 341 no3 5/8 RH	Bottom	1/4 BSPT RH	300 Bar	445.28
0785-4010	GA2500	2	Fuel Gas	175	BS 341 no4 5/8 LH	Bottom	1/4 BSPT RH	300 Bar	445.28
0785-4011	GA2500	2	Inert	175	NEVOC	Bottom	1/4 BSPT RH	300 Bar	450.34
0785-4016	GA3500	2	Oxygen	241	BS 341 no3 5/8 RH	Bottom	1/4 BSPT RH	300 Bar	506.00
0785-4017	GA3500	2	Inert	241	BS 341 no3 5/8 RH	Bottom	1/4 BSPT RH	300 Bar	506.00
0785-4018	GA3500	2	Inert	241	NEVOC	Bottom	1/4 BSPT RH	300 Bar	511.06
0785-4019	GA750	2	Inert	50	BS 341 no3 5/8 RH	Bottom	1/4 SAE	300 Bar	283.36

HIGH PRESSURE - HIGH FLOW- MULTI STAGE

Part Number	Model No.	Gauges	Gas	Bar	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-4012	GA600	2	Oxygen	41	BS 341 no3 5/8 RH	Bottom	3/8 BSP RH	230 Bar	581.90
0785-4013	GA600	2	Inert	41	BS 341 no3 5/8 RH	Bottom	3/8 BSP RH	300 Bar	581.90
0785-4014	GA600	2	Fuel Gas	41	BS 341 no4 5/8 LH	Bottom	3/8 BSP LH	300 Bar	581.90
0785-4015	GA600	2	Inert	41	NEVOC	Bottom	3/8 BSP RH	300 Bar	586.96

Features

- All brass construction
- Up to 300 bar service
- Inlet and outlet pressure gauges to ISO 5171 for accurate gas pressure control
- Encapsulated valve on high pressure regulators
- Industrial and high purity gas options available
- 1/4" BSP Taper outlet for direct connection to high pressure flexible hose.
- Piston design for ease of pressure adjustment
- Designed and manufactured in UK.

REGULATORS

HIGH FLOW REGULATORS

- Bar Stock brass body
- External self reseating relief valve where fitted
- 50mm high contrast steel gauges



Part Number	Type	Model No.	Gauges	Gas	Flow	Bar	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-4020	High-Flow	HF14	2	Oxygen	240 m ³ /hr	14	BS 341 no. 1" RH	Rear	3/8 RH	230 bar	779.24
0785-4021	High-Flow	HF14	2	Inert	240 m ³ /hr	14	BS 341 no. 1" RH	Rear	3/8 RH	230 bar	779.24
0785-4022	High-Flow	HF35	2	Oxygen	450 m ³ /hr	35	BS 341 no. 1" LH	Rear	3/8 RH	230 bar	895.62
0785-4023	High-Flow	HF35	2	Inert	450 m ³ /hr	35	BS 341 no. 1" RH	Rear	3/8 RH	300 bar	900.68

High pressure, high flow regulators with excellent performance, the Tech-Master HF-14 & HF-35 regulators are the solution to the pressure and flow control requirements for heavy duty cutting, thermic lancing and light duty scarfing.



HF-14 Regulator



HF-35 Regulator

Features

- All brass construction
- Finned body to reduce refrigerant effect
- Pressure adjustment bar for precise outlet pressure setting
- High capacity relief valve for maximum protection
- Rear inlet for ease of connection to individual cylinders and bundles
- Integral inlet filter
- 1" BSP female inlet connection for pipelines
- Supplied with 1" BSP x 5/8 BSP adaptor for cylinder connection
- Pressure gauges to ISO 5171
- Designed and manufactured in UK.

VICTOR[®]AN ESAB[®] BRAND**REGULATORS****G SERIES SINGLE STAGE REGULATORS**

- Forged brass body
- High strength zinc aluminium bonnet
- 50 mm steel gauges
- Meets ISO 2503
- 110 mm stem fits all common cylinder valves



Part Number	Type	Model No.	Gauges	Gas	PSI	bar	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-2154	Single Stage	GV250-4b-BS2P	1	Propane	60 psi	4 bar	BS 341 no. 2 5/8" LH	Side	3/8" LH	25 bar	50.60
0785-2165	Single Stage	G250-4b-BS2P	Plugged	Propane	60 psi	4 bar	BS 341 no. 2 5/8" LH	Side	3/8" LH	25 bar	43.01
0785-2155	Single Stage	GV250-1.5b-BS2	2	Acetylene	22 psi	1.5 bar	BS 341 no. 2 5/8" LH	Bottom	3/8" LH	25 bar	50.60
0785-2156	Single Stage	G250-1.5b-BS2	2	Acetylene	22 psi	1.5 bar	BS 341 no. 2 5/8" LH	Side	3/8" LH	25 bar	50.60
0785-2157	Single Stage	GV250-4b-BS3	2	Oxygen	60 psi	4 bar	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	50.60
0785-2158	Single Stage	GV250-10b-BS3	2	Oxygen	150 psi	10 bar	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	50.60
0785-2163	Single Stage	G250-10b-BS3	2	Oxygen	150 psi	10 bar	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	50.60
0785-2164	Single Stage	G250-4b-BS3	2	Oxygen	60 psi	4 bar	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	50.60

Features

- Gauge gray scale indicates supply and delivery pressure capacity of the regulator.
- Colour coded knobs for ease of use and clear identification of gas type.
- High strength alloy bonnet NEARLY TWICE the yield strength of forged brass provides exceptional durability.

FLOWGAUGE & PRESET REGULATORS

Part Number	Type	Model No.	Gauges	Gas	Flow	Delivery Pressure	Inlet Connection	Inlet Position	Outlet Connection	Max Inlet Pressure	List Price £
0785-2161	Flowgauge	GVF250-40-BS3 Flowgauge	2	Argon/CO2	0-40 l/min	-	BS 341 no. 3 5/8" RH	Bottom	3/8" RH	300 bar	50.60
0785-2166	Flowgauge	GF250-40-BS3 Flowgauge	2	Argon/CO2	0-40 l/min	-	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	50.60
0785-2159	Preset	GV250-2b-BS3 Preset	1	Argon/CO2	-	2 bar	BS 341 no. 2 5/8" RH	Bottom	3/8" RH	300 bar	50.60
0785-2160	Preset	G250-2b-BS3 Preset	1	Argon/CO2	-	2 bar	BS 341 no. 3 5/8" RH	Side	3/8" RH	300 bar	50.60

FLOWMETERS

Part Number	Description	Model No.	Flow	List Price £
1085-0000	Flowmeter	FM16AC Argon-CO2 Flowmeter	0-16 l/min	35.42
1085-0001	Flowmeter	FM40AC Argon-CO2 Flowmeter	0-40 l/min	35.42



* NEVOC Fittings available on request - Add £5.00 to list price

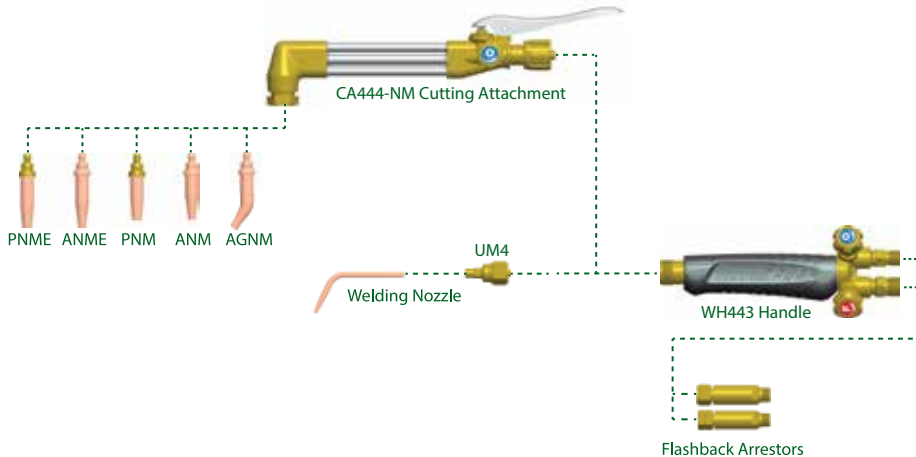
400 SERIES CUTTING TORCHES

NM NOZZLE MIX STYLE CUTTING & WELDING SYSTEM

- Forged brass body
- Stainless steel tubes and lever
- Stainless steel valves for longevity
- High strength zinc-aluminium shank grip
- Double O-ring gives quick gas tight seal without wrench
- Meets ISO 5172



Part No.	Description	Gas Type	Length	Head Angle	Inlet Connection	Cut Capacity	List Price £
0381-1955	CA444 NM Style Cutting Attachment	All	10" 254mm	90°	N/A	8" 200mm	70.84
0382-0353	WH443 NM Style Welding Handle	All	8.75" 222mm	N/A	3/8"	8" 200mm	70.84
0381-1988	ST 443 NM Cutting Torch	All	21" 533mm	90°	3/8"	12" 300mm	65.78
0381-1993	ST 443L NM Cutting Torch (Locking Lever)	All	21" 533mm	90°	3/8"	12" 300mm	70.84
0381-1997	ST 443 NM Cutting Torch	All	27" 686mm	90°	3/8"	12" 300mm	86.02
0382-4000	Lightweight Handle With Mixer	All	6" 150mm	N/A	1/4"	2" 50mm	70.84



Features






- The 400 Series torch system is designed to provide maximum flexibility, offering a cutting attachment to accept nozzle mix consumables along with a universal heating and welding system.
- Non-slip shank is ergonomic and comfortable, easing stress on the hand.
- Knobs are contoured and spaced further apart for easy adjustment and colour coded with increase/decrease labels.
- In-line stainless tubes for better visibility and reduced profile vs triangular design.

400 SERIES CUTTING TORCHES

CUTTING TIPS - NM NOZZLE MIX STYLE

- High quality nozzles for hand cutting applications.
- One and two piece designs optimised for the gas type.



Type		Fuel Gas	Application
ANME		Acetylene	General purpose hand cutting (Extended length)
PNME		Propane	General purpose hand cutting (Extended length)
AGNM		Acetylene	Deseaming, scarfing, gouging, weld preparation, removing defective welds, rivet washing
ANM		Acetylene	General purpose hand cutting
PNM		Propane	General purpose hand cutting

ANME ONE PIECE ACETYLENE NOZZLE

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
6700C1040	ANME-0	1/32	3-6mm	2.1	0.29	5.06
6700C1041	ANME-1	3/64	6-10mm	2.8	0.34	5.06
6700C1044	ANME-4	1/16	50-65mm	3.4	0.41	5.06
6700C1045	ANME-5	5/64	65-100mm	4.1	0.54	5.06
6700C1046	ANME-6	3/32	100-150mm	4.4	0.68	5.06
6700C1048	ANME-8	1/8	200-250mm	4.8	0.68	5.06





PNME TWO PIECE PROPANE NOZZLE

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Propane	List Price £
6700C1187	PNME-0	1/32	3-6mm	2.1	0.29	5.06
6700C1188	PNME-1	3/64	6-10mm	2.8	0.34	5.06
6700C1191	PNME-4	1/16	50-65mm	3.4	0.41	5.06
6700C1192	PNME-5	5/64	65-100mm	4.1	0.54	5.06
6700C1193	PNME-6	3/32	100-150mm	4.4	0.68	5.06
6700C1195	PNME-8	1/8	200-250mm	4.8	0.68	5.06



AGNM ONE PIECE GOUGING NOZZLE

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
6700C1083	AGNM-1	1	3-6mm	2.4	.34 - 1.02	17.71
6700C1084	AGNM-2	2	5-9mm	3.4	.34 - 1.02	17.71
6700C1085	AGNM-4	4	6-13mm	3.4	.34 - 1.02	17.71



ANM ONE PIECE ACETYLENE NOZZLE

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
6700C1060	ANM-0	1/32	3-6mm	2.1	0.29	4.05
6700C1061	ANM-1	3/64	6-10mm	2.8	0.34	4.05
6700C1064	ANM-4	1/16	50-65mm	3.4	0.41	4.05
6700C1065	ANM-5	5/64	65-100mm	4.1	0.54	4.05
6700C1066	ANM-6	3/32	100-150mm	4.4	0.68	4.05
6700C1068	ANM-8	1/8	200-250mm	4.8	0.68	4.05



PNM TWO PIECE PROPANE NOZZLE

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Propane	List Price £
6700C1120	PNM-0	1/32	3-6mm	2.1	0.29	4.05
6700C1121	PNM-1	3/64	6-10mm	2.8	0.34	4.05
6700C1124	PNM-4	1/16	50-65mm	3.4	0.41	4.05
6700C1125	PNM-5	5/64	65-100mm	4.1	0.54	4.05
6700C1126	PNM-6	3/32	100-150mm	4.4	0.68	4.05
6700C1128	PNM-8	1/8	200-250mm	4.8	0.68	4.05



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400 SERIES CUTTING TORCHES

VICTOR WELDING NOZZLES

- Nozzles are swaged and 100% flame-tested for superior performance



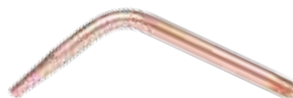
ONE PIECE COPPER NOZZLE FOR USE WITH UM4 MIXER

Part Number	Description	UK Size	Material Thickness	Gas Type	List Price £
0311-1058	000 Welding Nozzle	1	.8 mm	Acetylene	5.09
0311-1059	00 Welding Nozzle	2	1.2 mm	Acetylene	5.09
0311-1060	0 Welding Nozzle	3	1.9 mm	Acetylene	5.09
0311-1061	1 Welding Nozzle	5	2.4 mm	Acetylene	5.09
0311-1062	2 Welding Nozzle	7	3.2 mm	Acetylene	5.09
0311-1063	3 Welding Nozzle	13	4.8 mm	Acetylene	5.09
0311-1064	4 Welding Nozzle	18	6.4 mm	Acetylene	5.09

MIXERS



Part Number	Description	Length	Compatible With	Fuel Gas Usage	List Price £
0328-0025	Welding Mixer UM4	3" / 76mm	WH443 Handle	Oxy Acetylene	17.71
0328-4000	Lightweight Welding Mixer	2.75" / 70mm	Lightweight Handle	Oxy Acetylene	17.71



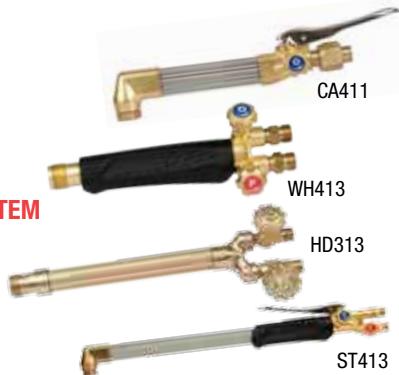
ONE PIECE COPPER NOZZLE FOR USE WITH LIGHTWEIGHT HANDLE

Part Number	Description	List Price £
0311-4000	Lightweight Nozzle Size 1	4.94
0311-4001	Lightweight Nozzle Size 2	4.94
0311-4002	Lightweight Nozzle Size 3	4.94
0311-4003	Lightweight Nozzle Size 5	4.94
0311-4004	Lightweight Nozzle Size 7	4.94
0311-4005	Lightweight Nozzle Size 10	4.94
0311-4006	Lightweight Nozzle Size 13	4.94
0311-4007	Lightweight Nozzle Size 18	4.94
0311-4008	Lightweight Nozzle Size 25	4.94

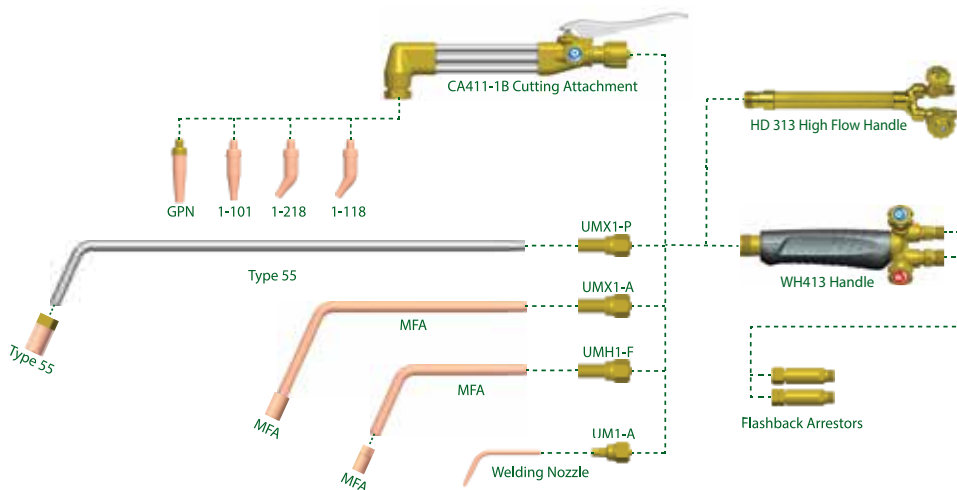
400 SERIES CUTTING TORCHES

HIGH PERFORMANCE CUTTING & WELDING SYSTEM

- Forged brass body
- Stainless steel tubes and lever
- Stainless steel valves for longevity
- High strength zinc-aluminium shank grip
- Double O-ring gives quick gas tight seal without wrench
- Meets ISO 5172



Part No.	Description	Gas Type	Length	Head Angle	Inlet Connection	Cut Capacity	List Price £
COMBINATION TORCHES							
0381-1921	CA411-1B Victor Cutting Attachment	All	254mm	90°	N/A	200mm	70.84
0382-0354	WH413 Victor Handle	All	222mm	N/A	3/8,3/8	200mm	70.84
0382-0026	HD 313 High Flow Handle	All	279mm	N/A	3/8,3/8	200mm	86.02
HAND CUTTING TORCHES							
0381-1996	ST413-1A 90	All	533mm	90°	3/8,3/8	300mm	65.78
0307-0062	Locking Lever Kit						22.26



Features

- The 400 Series torch system brings to Europe for the first time the high performance Victor consumable range for the highest level of confidence in cutting, welding and heating applications.
- Non-slip shank is ergonomic and comfortable, easing stress on the hand.
- Knobs are contoured and spaced further apart for easy adjustment and colour coded with increase/decrease labels.
- In-line stainless tubes for better visibility and reduced profile vs triangular design.

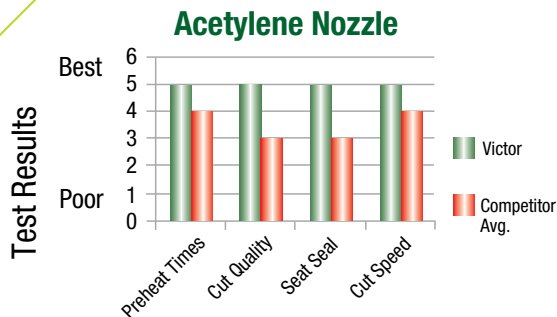
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400 SERIES CUTTING TORCHES

CUTTING TIPS - HIGH PERFORMANCE VICTOR STYLE

- High quality nozzles for hand cutting applications.
- One and two piece designs optimised for the gas type.
- All nozzles 100% flame tested
- All nozzles swaged rather than drilled



Victor Nozzles out perform the competition



Type

101



Fuel Gas

Acetylene

Application

General purpose hand cutting

GPN



Propane

General purpose hand cutting

118



Acetylene

Deseaming, scarfing, gouging, weld preparation, removing defective welds, rivet washing

218



Propane

Deseaming, scarfing, gouging, weld preparation, removing defective welds, rivet washing



TYPE 101 ONE PIECE ACETYLENE NOZZLE

Pressure (bar)



Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
0330-0003	000-1-101	000	3mm	1.55	0.28	12.14
0330-0004	00-1-101	00	6mm	1.55	0.28	12.14
0330-0012	0-1-101	0	13mm	2.07	0.28	12.14
0330-0005	1-1-101	1	20mm	2.24	0.28	12.14
0330-0006	2-1-101	2	38mm	2.93	0.34	12.14
0330-0002	3-1-101	3	50mm	3.10	0.45	12.14
0330-0007	4-1-101	4	75mm	3.10	0.55	12.14
0330-0008	5-1-101	5	100mm	3.45	0.62	12.14
0330-0009	6-1-101	6*	150mm	3.45	0.69	12.14
0330-0013	7-1-101	7*	250mm	3.45	0.86	12.14
0330-0014	8-1-101	8*	300mm	3.45	0.86	12.14



TYPE GPN TWO PIECE PROPANE NOZZLE

Pressure (bar)



Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Fuel	List Price £
0333-0300	000-GPN	000	3mm	1.55	0.28	13.16
0333-0301	00-GPN	00	6mm	1.55	0.28	13.16
0333-0302	0-GPN	0	13mm	2.07	0.28	13.16
0333-0303	1-GPN	1	20mm	2.24	0.28	13.16
0333-0304	2-GPN	2	38mm	2.76	0.34	13.16
0333-0305	3-GPN	3	63mm	3.10	0.45	13.16
0333-0306	4-GPN	4	75mm	3.27	0.55	13.16
0333-0307	5-GPN	5	127mm	3.45	0.62	13.16
0333-0308	6-GPN	6*	203mm	3.79	0.69	13.16
0333-0309	7-GPN	7*	250mm	4.13	0.86	13.16
0333-0310	8-GPN	8*	300mm	4.48	0.86	13.16



* For best results use high capacity torch (HC1100) and 10mm hose

TYPE 118 ONE PIECE ACETYLENE NOZZLE

Pressure (bar)



Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
0330-0109	0-1-118	0	13mm	2.07	0.28	15.18
0330-0113	2-1-118	2	38mm	2.76	0.34	15.18
0330-0114	4-1-118	4	75mm	3.10	0.52	15.18
0330-0115	6-1-118	6	203mm	3.45	0.72	40.48
0330-0116	8-1-118	8	300mm	3.45	0.86	40.48



TYPE 218 ONE PIECE PROPANE NOZZLE

Pressure (bar)



Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Fuel	List Price £
0330-0178	4-218	4	75mm	3.10	0.52	37.95
0330-0179	6-218	6	203mm	3.79	0.62	40.48
0330-0183	8-218	8	250mm	4.48	0.83	45.54
0330-0184	10-218	10	300mm	3.45	0.90	45.54



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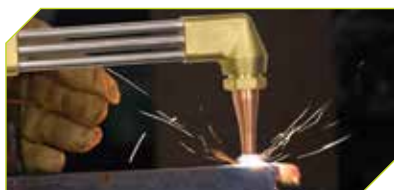
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400 SERIES CUTTING TORCHES

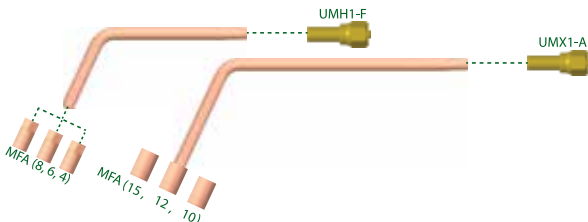
MFA - MULTI-FLAME ACETYLENE HEATING NOZZLES

For heat treating, straightening and priming.

For best performance, use with HD313 welding handle and 10mm ID hose



Size	Min Flow LPH	Max Flow LPH	BTU Rate	Min Total BTU	Max Total BTU
4	168	560	1470	8,820	29,400
6	392	1120	1470	20,580	58,800
8	840	2240	1470	44,100	117,600
10	1120	2800	1470	58,800	147,000
12	1680	4200	1470	88,200	220,500
15	2520	6160	1470	132,300	323,400



Complete Nozzle Assemblies

Heating Tips & Elbows

Elbows Only

Part No.	Description	List Price £	Part No.	Description	List Price £	Part No.	Description	List Price £
0323-0250	MFA Size 4	34.92	0311-0536	MFA Heat Tip-4	26.06	0304-0081	4,6,8 MFA elbow	22.93
0323-0251	MFA Size 6	34.92	0311-0537	MFA Heat Tip-6	26.06			
0323-0252	MFA Size 8	34.92	0311-0538	MFA Heat Tip-8	31.27			
0323-0260	MFA Size 10	52.12	0311-0539	MFA Heat Tip and Elbow Ass'y-10	34.92	N/A	Not sold separately	
0323-0261	MFA Size 12	52.12	0311-0540	MFA Heat Tip and Elbow Ass'y-12	36.48			
0323-0262	MFA Size 15	52.12	0311-0541	MFA Heat Tip and Elbow Ass'y-15	36.48			

Mixers

Part No.	Description	List Price £
0328-0027	UMX1-A mixer for MFA 10,12,15	29.19
0328-0028	UMH1-F mixer for MFA 4,6,8	19.80



VICTOR ACETYLENE WELDING ELBOWS

Complete Nozzle Assemblies

Part No.	Description	List Price £
0323-0110	000-W Welding Nozzle	21.74
0323-0111	00-W Welding Nozzle	21.74
0323-0112	0-W Welding Nozzle	21.74
0323-0120	1-W Welding Nozzle	21.74
0323-0121	2-W Welding Nozzle	21.74
0323-0122	3-W Welding Nozzle	21.74
0323-0130	4-W Welding Nozzle	21.74
0323-0131	5-W Welding Nozzle	31.27
0323-0132	6-W Welding Nozzle	31.27
0323-0140	7-W Welding Nozzle	39.09
0323-0141	8-W Welding Nozzle	39.09
0323-0142	10-W Welding Nozzle	39.09

Welding Elbows

Part No.	Description	Material Thickness	Gas Type	List Price £
0311-1058	000 Welding Elbow	.8 mm	Acetylene	5.09
0311-1059	00 Welding Elbow	1.2 mm	Acetylene	5.09
0311-1060	0 Welding Elbow	1.9 mm	Acetylene	5.09
0311-1061	1 Welding Elbow	2.4 mm	Acetylene	5.09
0311-1062	2 Welding Elbow	3.2 mm	Acetylene	5.09
0311-1063	3 Welding Elbow	4.8 mm	Acetylene	5.09
0311-1064	4 Welding Elbow	6.4 mm	Acetylene	5.09

Mixer

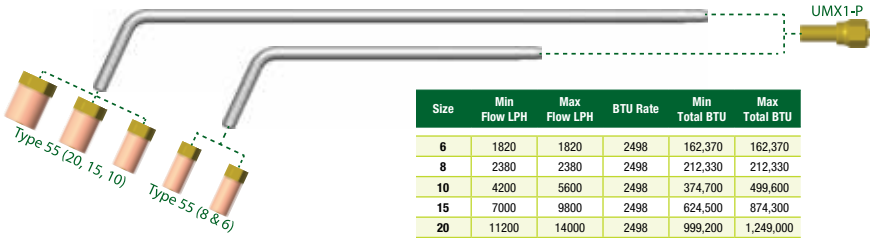
Part No.	Description	List Price £
0328-0011	UM1-A mixer for 000-4 elbows	15.64



400 SERIES CUTTING TORCHES

TYPE 55 - HIGH CAPACITY PROPANE HEATING NOZZLES

For heat treating, straightening and priming.
For best performance, use with HD313 welding handle and 10mm ID hose



Size	Min Flow LPH	Max Flow LPH	BTU Rate	Min Total BTU	Max Total BTU
6	1820	1820	2498	162,370	162,370
8	2380	2380	2498	212,330	212,330
10	4200	5600	2498	374,700	499,600
15	7000	9800	2498	624,500	874,300
20	11200	14000	2498	999,200	1,249,000

Complete Nozzle Assemblies

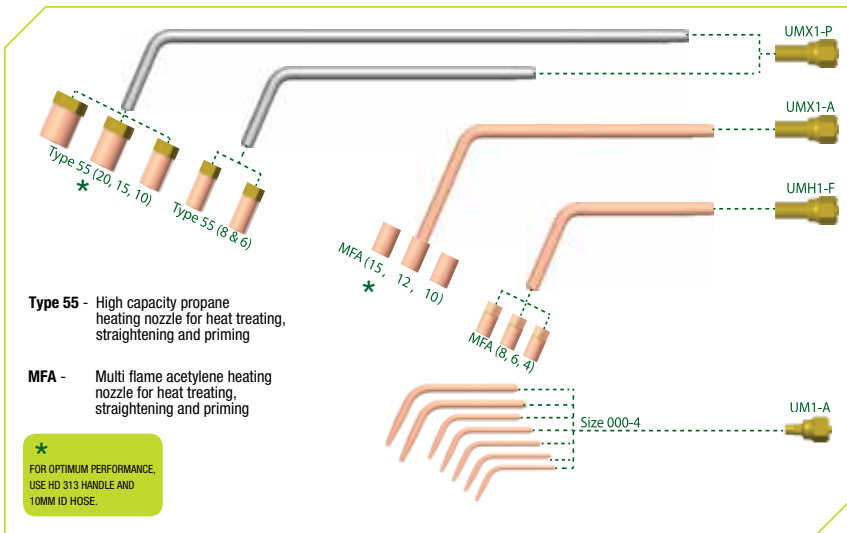
Heating Tips

Elbows Only

Part No.	Description	List Price £	Part No.	Description	List Price £	Part No.	Description	List Price £
0323-0327	Type 55 Size 6 11"	57.33	0311-0240	Type 55 Heat Tip 6	31.27			
0323-0328	Type 55 Size 8 11"	57.33	0311-0241	Type 55 Heat Tip 8	31.27	For any Size Type 55		
0323-0324	Type 55 Size 10 11"	78.18	0311-0230	Type 55 Heat Tip 10	34.92	0304-0022	14" Elbow Type 55	26.06
0323-0325	Type 55 Size 15 28"	83.39	0311-0231	Type 55 Heat Tip 15	39.09	0304-0095	16" Straight Type 55	29.19
0323-0326	Type 55 Size 20 28"	91.08	0311-0232	Type 55 Heat Tip 20	39.09	0304-0011	26" Elbow Type 55	36.48

MIXER

Part No.	Description	List Price £
0328-0012	UMX1-P mixer for Type 55	28.14



Type 55 - High capacity propane heating nozzle for heat treating, straightening and priming

MFA - Multi flame acetylene heating nozzle for heat treating, straightening and priming

*
FOR OPTIMUM PERFORMANCE,
USE HD 313 HANDLE AND
10MM ID HOSE.

VICTOR®

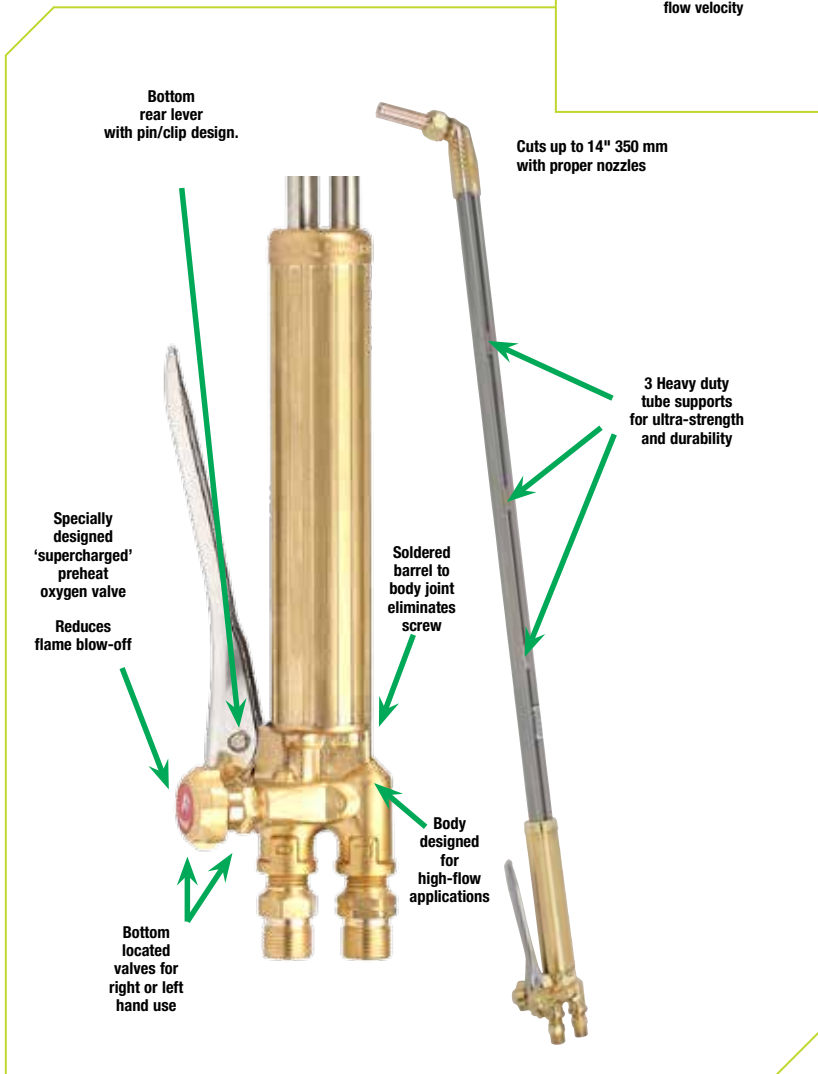
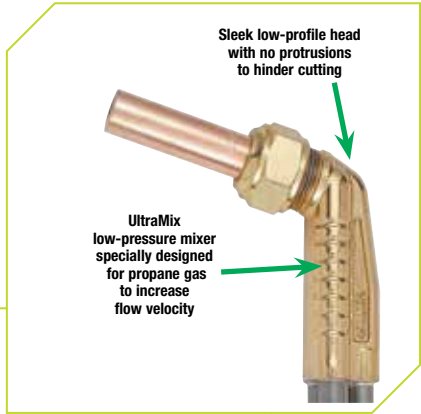
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HEAVY INDUSTRY TORCHES

BULLDOG SCRAP CUTTING TORCH

With Bulldog Torches, superior performance and productivity are assured. The low profile head and lightweight design, strength and durability puts the Bulldog in a class of it's own. Meets ISO 5172





HEAVY INDUSTRY TORCHES

BULLDOG SCRAP CUTTING TORCHES

Part No.	Model Number	Head Angle	Gas Type	Inlet Connection	Length	List Price £
0381-2015	HC 1131	75°	Propane	3/8, 3/8	36" 914mm	215.05
0381-2016	HC 1151	75°	Propane	3/8, 3/8	48" 1219mm	417.45
0381-2017	HC 1161	75°	Propane	3/8, 3/8	60" 1524mm	506.00
0381-2018	HC1100	90°	Propane	3/8, 3/8	21" 533mm	189.75
0381-2019	HC1102	180°	Propane	3/8, 3/8	21" 533mm	222.64
0381-2020	HC 1132	180°	Propane	3/8, 3/8	36" 914mm	278.30
0381-2021	HC 1152	180°	Propane	3/8, 3/8	48" 1219mm	455.40
0381-2023	HC1162	180°	Propane	3/8, 3/8	60" 1524mm	556.60
0381-2022	HC1172	180°	Propane	3/8, 3/8	72" 1829mm	657.80

CUTTING NOZZLES FOR USE WITH PROPANE AND NATURAL GAS

Part No.	Model No.	Metal Thickness		Cutting Oxygen Pressure		Preheat Oxygen		Fuel Pressure		List Price £
		in	mm	BAR	LPM	LPM	BAR	LPM		
6700C0710	VBN-3	2.5	63.5	2.7-3.4	70-94	11-66	.4-.8	6-30	12.65	
6700C0711	VBN-4	3	76.2	2.7-3.4	99-118	11-66	.4-.8	6-30	12.65	
6700C0712	VBN-5	5	127.0	3.1-3.8	141-170	11-66	.4-.8	6-30	12.65	
6700C0713	VBN-6	8	203.2	3.8-4.5	212-236	11-66	.4-.8	6-30	12.65	
6700C0715	VBN-8	10	254.0	4.1-4.8	354-401	21-113	.7-1.2	10-52	12.65	
6700C0716	VBN-10	12	304.8	3.1-3.8	472-566	21-113	.7-1.2	10-52	12.65	
6700C0717	VBN-12	14	355.6	3.1-3.8	542-637	21-113	.7-1.2	10-52	12.65	

Replacement Nozzle Nut: 0309-0018 - List price £4.41

For best performance, use the following recommended equipment:

Regulators - Oxygen: EDGE™ ESS3

Fuel: EDGE™ ESS3

Hoses - Oxygen: (10mm) I.D. with (3/8") connections

Fuel: (10mm) I.D. with (3/8") connections

Flashback Arrestors - Oxygen: Model No. 0140 FBHC-OR-B High Flow

Fuel: Model No. 0136 FBR-F-B D97

Size 10 and above nozzles require high flow regulator HF14 or HF35 (see page 23)

VICTOR[®]AN ESAB[®] BRAND**HEAVY INDUSTRY TORCHES****HC1200 SERIES TORCHES**

- High quality nozzles for hand cutting applications.
- Durable forged brass head
- Stainless steel cutting lever for durability and comfort
- Smooth cutting oxygen valve provides precise flow control
- Universal mixer for use with any fuel gas.
- Cutting capacity up to 450 mm
- Meets ISO 5172



Part No.	Model Number	Head Angle	Gas Type	Inlet Connection	Length	List Price £
0381-1442	HC1213-1A	90	All	3/8	533mm	253.00
0381-1443	HC1213-2A	75	All	3/8	533mm	253.00
0381-1444	HC1213-3A	180	All	3/8	533mm	303.60

It is always recommended to use add on flashback arrestors with adequate flow capacity.

For best performance use 10 mm I.D. hose.





HEAVY INDUSTRY TORCHES

ACETYLENE GENERAL PURPOSE NOZZLES

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
0330-0009	6-1-101	6*	150mm	3.45	0.69	12.14
0330-0013	7-1-101	7*	250mm	3.45	0.86	12.14
0330-0014	8-1-101	8*	300mm	3.45	0.86	12.14



PROPANE GENERAL PURPOSE NOZZLES

Pressure (bar)

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Propane	List Price £
0333-0308	6-GPN	6*	203mm	3.79	0.69	13.16
0333-0309	7-GPN	7*	250mm	4.13	0.86	13.16
0333-0310	8-GPN	8*	300mm	4.48	0.86	13.16



NOZZLES FOR DESEAMING, SCARFING, GOUGING, WELD PREPARATION, RIVET WASHING

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Acetylene	List Price £
0330-0114	4-1-118	4	75mm	3.10	0.52	15.18
0330-0115	6-1-118	6	203mm	3.45	0.72	40.48
0330-0116	8-1-118	8	300mm	3.45	0.86	40.48



NOZZLES FOR DESEAMING, SCARFING, GOUGING, WELD PREPARATION, RIVET WASHING

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Propane	List Price £
0330-0178	4-218	4	75mm	3.10	0.52	37.95
0330-0179	6-218	6	203mm	3.79	0.62	40.48
0330-0183	8-218	8	250mm	4.48	0.83	45.54
0330-0184	10-218	10	300mm	3.45	0.90	45.54



TIPS FOR MILL, FOUNDRY AND SCRAP CUTTING UNDER SEVERE CONDITIONS

USE 0309-0025 TIP NUT - £18.25

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Propane	List Price £
0330-0504	6-HDN	6	203mm	4.13	0.69	39.09
0330-0505	8-HDN	8	304mm	4.48	0.83	39.09
0330-0506	10-HDN	10	355mm	4.13	0.90	39.09
0330-0507	12-HDN	12	406mm	3.45	1.03	39.09
0330-0508	14-HDN	14	457mm	3.45	1.03	39.09



HEAVY PREHEAT TIPS FOR SCRAP AND BEVEL CUTTING

Part Number	Model No.	Tip Size	Material Thickness	Oxygen	Propane	List Price £
0333-0328	6-HPN	6	203mm	4.13	0.69	21.74
0333-0330	8-HPN	8	254mm	4.48	0.83	21.74
0333-0331	10-HPN	10	304mm	3.45	0.90	21.74
0333-0332	12-HPN	12	355mm	3.45	1.03	21.74



VICTOR®

AN ESAB® BRAND

MEDALIST OUTFITS

HIGH PERFORMANCE CUTTING & WELDING OUTFITS

- Outfits for welding and cutting applications.
- Sturdy hard shell case to transport equipment.
- Available with or without accessories.
- Cuts up to 3/4" (19.1 mm) or 8" (203.2 mm) with optional tips
- Welds up to 1/2" (12.7 mm) or 3" (76.2 mm) with optional nozzles.



Part Number	Description	Oxygen Regulator	Inlet Position	Fuel Gas Regulator	Inlet Position	Accessories	List Price £
0385-0533	Edge Standard Outfit	Edge ESS3 Oxy 10 Bar	Side	Edge ESS3 Acetylene 1.5 Bar	Side	No	385.00
0385-0535	Edge Standard Outfit	Edge ESS3 Oxy 10 Bar	Bottom	Edge ESS3 Acetylene 1.5 Bar	Side	No	385.00
0385-0534	Edge Deluxe Outfit	Edge ESS3 Oxy 10 Bar	Side	Edge ESS3 Acetylene 1.5 Bar	Side	Yes	460.00
0385-0536	Edge Deluxe Outfit	Edge ESS3 Oxy 10 Bar	Bottom	Edge ESS3 Acetylene 1.5 Bar	Side	Yes	460.00
0385-0551	G250 Standard Outfit	G Series Oxy 10 Bar	Bottom	G Series Acetylene 1.5 Bar	Bottom	No	322.50
0385-0552	G250 Standard Outfit	G Series Oxy 10 Bar	Bottom	G Series Acetylene 1.5 Bar	Side	No	322.50
0385-0555	G250 Deluxe Outfit	G Series Oxy 10 Bar	Bottom	G Series Acetylene 1.5 Bar	Bottom	Yes	360.00
0385-0554	G250 Deluxe Outfit	G Series Oxy 10 Bar	Side	G Series Acetylene 1.5 Bar	Side	Yes	360.00
0385-0556	G250 Deluxe Outfit	G Series Oxy 10 Bar	Bottom	G Series Acetylene 1.5 Bar	Side	Yes	360.00
0385-0549	G250 Deluxe Outfit	G Series Oxy 10 Bar	Bottom	G Series Propane 4 Bar	Side	Yes	360.00
0385-0553	G250 Standard Outfit	G Series Oxy 10 Bar	Side	G Series Acetylene 1.5 Bar	Side	No	322.50

Standard Outfit Includes:

- Oxygen regulator
- Fuel gas regulator
- Torch shank
- Cutting attachment
- No. 5 Cutting nozzle
- No.1 Welding nozzle (2.4mm)
- Regulator mounted flashback arrestors

Deluxe Outfit Includes:

- Standard Outfit Contents +
- 6.3mm Hose
- Striker
- Goggles
- Nozzle cleaner

GV250 Medalist Deluxe Outfit



ACCESSORIES

FLASHBACK ARRESTORS

- Flashback arrestors and reverse flow check valves provide additional protection against flashbacks. Victor recommends the use of these devices whenever possible.
- Victor add-on flashback arrestors contain both a reverse flow check valve and a flashback arrestor.
- Due to the high flow requirements of Victor Heavy Industry torches, it is important to use flashback arrestors that have sufficient flow capacity.



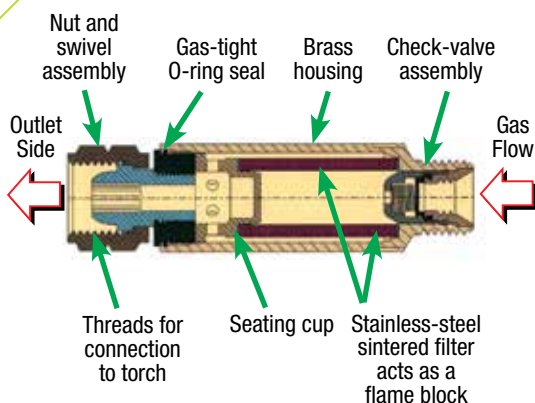
TORCH MOUNT

Part Number	Model No.	Gas	Max. Working Pressure	Connection	List Price £
0657-0130	FBT-0-B	Oxygen	10 bar	3/8"	20.24
0657-0131	FBT-F-B	Fuel	3.5 bar	3/8"	20.24



REGULATOR MOUNT

Part Number	Description	Maximum Working Pressure	List Price £
0657-0135	FBR-0-B D97 Oxygen Regulator FBA 3/8	10 bar	24.79
0657-0136	FBR-F-B D97 Fuel Regulator FBA 3/8	10 bar	24.79
0657-0140	FBHC-OR-B High Flow Oxygen Regulator FBA 3/8	25 bar	50.60
0657-0144	FBV-OR-B D99 Resettable Oxygen FBA 3/8	10 bar	74.89
0657-0145	FBV-FR-B D99 Resettable Fuel FBA 3/8	5 bar	74.89



CONFORMS TO EN 730-1 AND ISO 5175

FBT	HIGH FLOW	D97	D99	
•	•	•	•	FA Flash Back Arrestor
•	•	•	•	NV Non Return Valve
		•	•	TV Temperature Sensitive Cut-Off-Valve
			•	PV Pressure Sensitive Cut-Off-Valve

VICTOR[®]AN ESAB[®] BRAND**ACCESSORIES****OXYGEN & FUEL GAS HOSES**

- General purpose, robust, premium quality welding hose for heavy duty oxy-acetylene welding, brazing and flame cutting services in the factory, workshops, shipyards and construction sites.
- Manufactured to meet European standards ISO 3821 and BS / EN 559.



Part Number	Description	Fitting	List Price £
1412-0191	Single Hose 6.3 mm X 5 metre Oxygen	3/8" with check valve	40.48
1412-0192	Single Hose 6.3 mm X 5 metre Acetylene	3/8" with check valve	40.48
1412-0193	Single Hose 6.3 mm X 5 metre Propane	3/8" with check valve	45.54
1412-0197	Single Hose 10 mm X 5 metre Propane	3/8" with check valve	50.60
1412-0195	Single Hose 10 mm X 5 metre Oxygen	3/8" with check valve	45.54
1412-0196	Single Hose 10 mm X 5 metre Acetylene	3/8" with check valve	45.54
1412-0202	Single Hose 10 mm X 10 metre Oxygen	3/8" with check valve	68.82
1412-0203	Single Hose 10 mm X 10 metre Acetylene	3/8" with check valve	68.82
1412-0204	Single Hose 10 mm X 10 metre Propane	3/8" with check valve	99.18
1412-0206	Single Hose 10 mm X 20 metre Oxygen	3/8" with check valve	119.42
1412-0207	Single Hose 10 mm X 20 metre Acetylene	3/8" with check valve	119.42
1412-0208	Single Hose 10 mm X 20 metre Propane	3/8" with check valve	176.09

GOODYEAR
ENGINEERED PRODUCTS

ISO 3821 - 2 MPa (20 BAR) - 10.0 - GOODYEAR

ACCESSORIES

TORCH HOSE FITTINGS

Part Number	Description	List Price £
0961-0000	G 3/8 LH x 1/4" NPT	4.17
0951-0002	G 3/8 RH x 1/4" NPT	4.17

FLINT STRIKER

Part Number	Description	List Price £
1423-0023	Flint Striker	2.48

NOZZLE CLEANER

Part Number	Description	List Price £
1423-0005	Nozzle Cleaner	8.10

GOGGLES

Part Number	Description	List Price £
1423-0062	Goggles	5.06

GAUGE GUARDS

Part Number	Description	List Price £
1429-0070RP	ETS4 Multi Stage	12.14
1429-0071RD	ESS3 Single Stage	12.14

NOZZLE NUT

Part Number	Description	List Price £
0390-0088	400 Series Nozzle Nut	5.15
0309-0018	Bulldog Nozzle Nut	4.41
0309-0069	HC1200 Nozzle Nut	12.14

MODEL 497 ROLLER GUIDE

Part Number	Description	List Price £
0383-0009	497 Roller Guide	67.75

Model 497 roller guide is adaptable to most styles of cutting tips. Fits over the cutting tip shank and is fully adjustable for close, accurate work.

CIRCLE CUTTING ATTACHMENT

Part Number	Description	List Price £
0383-0006	D 496 Circle Cutter	130.30

Circle Cutting Attachment is easily attached to a cutting torch or cutting attachment. The roller guide is adjustable to various heights and is designed to hold the cutting tip at exact pre-set distance from the work. Cutting range 38.1 mm - 71.1 cm circle.



VICTOR[®]AN ESAB[®] BRAND**PORTABLE CUTTING MACHINE****VCM 200 PORTABLE CUTTING MACHINE**

- The versatile VCM 200 is a precision, tractor-type machine that can be used on its own track for straight line cutting and a variety of welding operations. Off track and with a radius rod assembly, the VCM 200 can also be used for circle cutting.



Part No.	Model No.	Speed Range/Minute	List Price (£)
0200-0222	VCM 200E	1-60" (25.4 mm-152.4 cm)	3,149.96
0200-0226	VCM 200HSE	5-120" (127 mm-304.8 cm)	3,149.96

Part No.	Description	List Price (£)
0212-0018	12' (3.7 m) track section for line cutting	684.65
0212-0019	9' (2.7 m) track section for line cutting	470.58
0212-0005	6' (1.8 m) track section for line cutting	232.03
0252-0040	Radius rod for circle cutting	171.99
0253-0042	100" (254.0 cm) radius rod for circle cutting	229.25
0252-0136	Dual torch mount assembly	810.68
0252-0103	Heat shield	167.18
0252-0138	Plasma torch adaptor for SL100 machine torch <i>(Required only if using pinch block to mount the torch)</i>	153.82

PACKAGE INCLUDES:

- VCM 200 Cutting machine
- MT 210A torch & torch rack
- Hoses & fittings (for 2 hose operation)
- Hoses & fittings (for 2 hose operation)
- 32 pitch pinion torch holder
- 3 hose manifold block

**Features**

- Large thumb screws for hand tight adjustments
- Dual drive controls & direct speed readout
- Cone disc drive
- Constant speed AC induction motor located on the side opposite the torch for cooler, more efficient operation
- Counter-balanced design allows torch racking distance up to 18" (457.2 mm) from the machine
- Speed constant over wide range of temperatures
- Torch holder designed for 1.38" (35.1 mm) barrel diameter torches

GLOBAL LEADER IN OXY FUEL TECHNOLOGY

15 REASONS WHY VICTOR IS THE BEST IN THE INDUSTRY

1. Universal mixer designed to work with **all fuel gases**
2. Low profile head and in line tubes provide **outstanding visibility** to the work area
3. Stainless steel cutting oxygen lever is positioned and contoured for **maximum comfort**
4. Ergonomic no-slip handle designed to **fit naturally in the hand** while reducing stress, allowing more **accurate** and longer cuts
5. Control valves made of stainless steel for **long life and consistency**



6. Gauges are recessed and bonnet material is over twice the yield strength of brass, offering **unrivaled protection from damage**
7. **Robust seat design** utilizes proprietary materials to give optimum performance
8. **Most consistent pressure and flow delivery** among single stage competition*
9. **High resistance to oxygen related fires** due to contamination in the work place
10. SLAM™ knob **absorbs impact** in the event of a cylinder fall

11. 12 Step Process and 100% testing results in one of the world's **most consistent** nozzles
12. Highly **optimized** for all widely used fuel gases
13. Broad offering giving precise flow and preheat fuel capacity to cover **numerous applications**
14. Flow passages are **smooth and efficient** due to world class manufacturing techniques **giving best all around cut quality***
15. Tapered seat design is **more forgiving and safer** for the user than other seats more prone to leakage



ARCAIR[®]AN ESAB[®] BRAND**ARCAIR AIR CARBON ARC GOUGING****ARCAIR K4000 EXTREME GOUGING TORCHES**

Part No.	Description	List Price £
61-082-008	ARCAIR K4000 Extreme 1000A Gouging Torch with 7ft Cable	250.79
61-082-009	ARCAIR K4000 Extreme 1000A Gouging Torch with 10ft Cable	279.49

K4000 Torches are suitable for use with up to 13mm electrodes

Features

• Natural 15° Torch Angle	Greater operator comfort
• 360° Swivel Cable	Less cable twist / Less strain on operator
• Positive Grip Handle	Greater operator feel and ease in positioning the torch
• Reduced Weight	Optimum cable and torch weight to minimise fatigue
• High Quality Cable Hose	Best quality cable hose offers high heat and abrasion resistance
• Rugged Construction	Overall rugged construction for the harsh environment
• NEW Two-Piece Boot	Capable of withstanding substantial abuse from typical applications and prevents the chance of accidental arcing

ARCAIR CARBON ELECTRODES

Professional all purpose gouging electrodes. Controlled copper coating improves conductivity providing more efficient, cooler operation and helps maintain electrode diameter at the point of the arc.

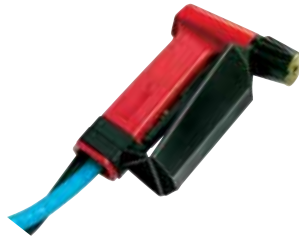
**ARCAIR DC/CC POINTED ELECTRODES**

Part No.	Description	Pieces Per Box	Price £ Per Electrode
22-983-003	(4 x 305mm) 5/32 x 12 DC/CC Pointed	50	0.28
22-033-003A	(5 x 305mm) 3/16 x 12 DC/CC Pointed	50	0.29
22-043-003A	(6.5 x 305mm) 1/4 x 12 DC/CC Pointed	50	0.30
22-053-003A	(8 x 305mm) 5/16 x 12 DC/CC Pointed	50	0.38
22-063-003A	(9.5 x 305mm) 3/8 x 12 DC/CC Pointed	50	0.49
22-082-003A	(13 x 355mm) 1/2 x 14 DC/CC Pointed	50	0.88

ARCAIR DC/CC JOINTED ELECTRODES

24-052-003	(8 x 355mm) 5/16 x 14 DC/CC Jointed	100	0.68
24-064-003	(9.5 x 430mm) 3/8 x 17 DC/CC Jointed	100	1.06
24-084-003	(13 x 430mm) 1/2 x 17 DC/CC Jointed	100	1.35
24-104-003	(16 x 430mm) 5/8 x 17 DC/CC Jointed	100	1.99
24-124-003	(19 x 430mm) 3/4 x 17 DC/CC Jointed	100	2.50

ARCAIR SLICE EXOTHERMIC CUTTING



ARCAIR SLICE BATTERY PACK

Part No.	Description	List Price £
63-991-007CE	SLICE Battery Pack (220V) Setup for 1/4" SLICE rods	1,190.96

ARCAIR SLICE TORCH AND ACCESSORIES

03-003-000	SLICE Torch Assembly (0.3m/1ft Cable)	438.87
03-003-001CE	SLICE Torch Assembly (1.8m/6ft Cable)	438.87
03-003-006CE	SLICE Torch Assembly (3m/10ft Cable)	438.87
94-168-022	1/4" Collet Nut Assembly	51.72
94-168-024	3/8" Collet Nut Assembly	51.72
94-158-048	1/4" Collet Chuck	27.87
94-158-045	3/8" Collet Chuck	32.87

ARCAIR SLICE CUTTING RODS

	<i>All SLICE Cutting Rods should be ordered per box</i>	<i>Pieces Per Box</i>	
42-049-002	Coated SLICE Rod (7 x 559mm) (1/4 x 22)	25	50.98
42-049-003	Coated SLICE Rod (7 x 559mm) (1/4 x 22)	100	179.07
42-049-005	Coated SLICE Rod (10 x 457mm) (3/8 x 18)	50	144.88
43-049-002	Bare SLICE Rod (7 x 559mm) (1/4 x 22)	25	48.16
43-049-003	Bare SLICE Rod (7 x 559mm) (1/4 x 22)	100	167.33
43-049-005	Bare SLICE Rod (7 x 1118mm) (1/4 x 44)	25	85.85
43-049-007	Bare SLICE Rod (10 x 457mm) (3/8 x 18)	50	120.05
43-049-009	Bare SLICE Rod (10 x 914mm) (3/8 x 36)	25	98.60



The SLICE Battery Pack comes in a rugged tool box which includes all the basic items needed to do a cutting job such as torch, striker and rods. Also included in the Battery Pack is a 12-Volt rechargeable SLICE battery Box Assembly.

SLICE exothermic cutting rods are designed specifically for use with SLICE cutting systems.

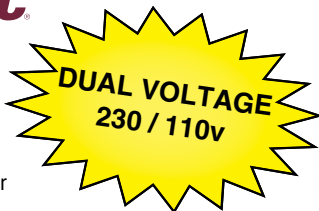
THERMAL ARC

STICK (MMA) INVERTER

161 S

1ph 110/230V Input, 160A Stick Inverter with Lift-Start TIG Function

POWER FACTOR CORRECTION



Processes: STICK / LIFT TIG

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1003605	30% @ 160A (230v) 35% @ 100A (110v)	10 - 160A 10 - 125A	229 x 135 x 394 mm	7.9 kg

Part No.	Description	List Price £
W1003605	TA 161S 160 Amp Inverter Package, electrode holder and lead, earth cable and clamp with 50mm connections.	527.00

OPTIONS AND ACCESSORIES

305.050.404	TIG Torch with valve SA17V.4m	86.67
305.050.804	TIG Torch with valve SA17V.8m	121.33
10-9997	50mm ² DINSE TIG Torch Adapter	37.11

Specifications

Mains Input Voltage	1ph. 110/230v
Protection Factor	IP23S
Efficiency	17.8A (110V) / 14.7A (230V)

Open Circuit Voltage	71V
Warranty Period	2 Years

Features

Benefits

Dual Voltage Input Power	Suitable for use on 110 or 230 VAC
Excellent Portability	Weighs less than 8kg and has easy to carry shoulder strap
Thermal Overload Protection with indicator	Alerts operator if duty cycle is exceeded or airflow is blocked
Automatic Arc Control	For STICK welding - Automatically fine tunes the arc to prevent the electrode from sticking and creating an inclusion
50mm Output Terminals	Allow for easy polarity reversal and cable change
Lift Start TIG	Provides TIG arc starting without use of high frequency
Dual Voltage Input	Automatically linking to 110 or 230 VAC
Power Factor Correction	'The greener option' offers a higher output while reducing input power consumption!



Item	Description
1	Amperage Control – the amperage control selects the desired amperage between 10–160A (230v) and 10-125A (110v)
2	Warning Indicator – illuminates if machine overheats causing thermal overload
3	Power ON/OFF indicator
4	Process selection switch. Allows operator to choose output function from 'Lift TIG' or 'Manual Arc' process



STICK (MMA) INVERTER

ARCMaster 175 SE

1ph 230V Input, 175A Stick Inverter with Lift-Start TIG function

Processes: STICK / LIFT TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1002903	20% @ 1750A (TIG) 20% @ 175A (STICK)	5 - 175A	230 x 130 x 330 mm	6.5 kg

Part No.	Description	List Price £
W1002903	TA 175 SE 175 Amp Inverter Package, electrode holder and lead, earth cable and clamp with 50mm connections.	398.00

OPTIONS AND ACCESSORIES

305.050.404	TIG Torch with valve SA17V.4m	86.67
305.050.804	TIG Torch with valve SA17V.8m	121.33
10-9997	50mm ² DINSE TIG Torch Adapter	37.11

Specifications

Mains Input Voltage	1ph. 230v
Protection Factor	IP23S
Efficiency	17A

Open Circuit Voltage	65V
Warranty Period	2 Years

Features	Benefits
Exceptional Performance	Smooth stable arc with electrodes to 4mm
Excellent Portability	Weighs less than 6.5kg and has easy to carry shoulder strap
Thermal Overload Protection	Indicator alerts if duty cycle is exceeded or airflow is blocked
Easy to Use	Simple, user friendly set up and operation
Cable Fitted	Supplied with 230VAC primary cable
50mm Output Terminals	Allow for easy polarity reversal and cable change
Lift Start TIG	Provides TIG arc starting without use of high frequency
Over Voltage Protection	Full input protection for over voltage



Item	Description
1	Power on Indicator. Visibly indicates that input power is present
2	Process selection switch. Allows operator to choose output function from 'Lift TIG' or 'Manual Arc' process
3	Over temperature indicator. Illuminates if machine duty cycle has been exceeded
4	Weld current control (Amperage). Allows operator to set output welding amperage



TIG (GTAW) INVERTER

ARCMaster 175 TE

1ph 230V Input, 175A TIG Inverter with HF TIG, Lift-Start TIG and Stick functions



Processes: STICK / LIFT TIG / HF TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1003003	20% @ 175A	5 - 175A	225 x 130 x 330 mm	7.5 kg

Part No.	Description	List Price £
W1003003	TA 175 TE Inverter Power Source with 17 Style TIG Torch, gas hose, electrode holder and lead, earth cable and clamp with 50mm connections.	830.00

OPTIONS AND ACCESSORIES

W4012800	Site Carry Case	52.18
W4012700	TIG Torch, 17, 3m, 50mm Dinse with 5/8"-18 UNF Male gas fitting	135.26
10-9811	Plug for Remote or TIG Torch Button	28.18

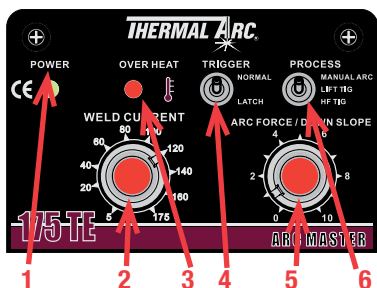
Specifications

Mains Input Voltage	1ph. 230v
Protection Factor	IP23S
I efficiency	17.9A

Open Circuit Voltage	65V
Warranty Period	2 Years

Features	Benefits
----------	----------

Thermal Overload Protection with Indicator	Alerts the operator if duty cycle is exceeded or fan is blocked
Adjustable Arc Control	For manual Arc (Stick) welding - the operator can adjust the arc penetration to eliminate electrode stick
Adjustable Down Slope control	For TIG welding - the operator can adjust the time for the weld current to ramp down to eliminate craters
Lift Start TIG	Provides TIG arc starting without use of high frequency
HF Arc Starting	Provides non-contact arc starting that eliminates tungsten or material contamination
Trigger Control	2T (Normal) for short weld runs and 4T (Latch) for long weld runs
Over Voltage Protection	Full input protection for over voltage



Item	Description
1	Power on indicator
2	Amperage control - the amperage control selects the desired amperage between 5 - 175A
3	Thermal overload indicator
4	Trigger mode selection switch (TIG process only)
5	Adjustable Arc Control (Manual Arc (Stick) process only) or Adjustable Down Slope Control (TIG process only)
6	Manual Arc (Stick), Lift TIG, HF TIG weld process selection control
7	Eight pin socket for torch trigger switch connection (Remote weld current control is not available)
8	50mm Dinse weld terminals

DUAL VOLTAGE
230 / 110v
TIG TORCH REMOTE
FITTED AS STANDARD



TIG (GTAW) INVERTER

ARCMaster 201 TS

1ph 110/230V Input, 200A TIG Inverter with HF TIG, Lift TIG, Stick, Hot Start, 2T/4T Function, Down Slope Timer and Arc Force Control

POWER FACTOR CORRECTION

Processes: STICK / LIFT TIG / HF TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1003803	20% @ 200A	10 - 200A (230v) 10 - 160A (110v)	230 x 135 x 445 mm	10 kg

Part No.	Description	List Price £
W1003803	TA 201TS Inverter Power Source 200 Amp Inverter Package with 26 Style TIG Torch with remote current control, electrode holder and lead, earth cable and clamp with 50mm connections.	1,327.00

OPTIONS AND ACCESSORIES

10-4016	Remote Foot Control 7.6m lead and plug	329.33
W4013601	TIG Torch, 26, 3m, 50mm Dinse with 5/8"-18 UNF Male gas fitting	158.08
10-9811	Plug for Remote or TIG Torch Button	28.18
TM-1MS-5H	Replacement TIG Torch Trigger	13.95

Specifications

Mains Input Voltage	1ph. 110/230v
Protection Factor	IP23S
Efficiency	20A (110V) / 16A (230V)

Open Circuit Voltage	71V
Warranty Period	2 Years

Features	Benefits
Dual Voltage Input Power	Suitable for use on 110 or 230 VAC
Thermal Overload Protection	Alerts the operator if duty cycle is exceeded or fan is blocked with indicator
Adjustable Arc Control	For Manual Arc (Stick) welding - the operator can adjust the arc penetration to eliminate electrode stick
Adjustable Down Slope Control	For TIG welding - the operator can adjust the time for the weld current to ramp down to eliminate craters
Lift-Start TIG	Provides TIG arc starting without use of high frequency
HF Arc Starting	Provides non-contact arc starting that eliminates tungsten or material contamination
Trigger Control	2T (Normal) for short weld runs and 4T (Latch) for long weld runs
Over Voltage Protection	Full input protection for over voltage
Power Factor Correction	'The greener option' offers a higher output while reducing input power consumption!



Item	Description
1	Power indicator Light
2	Overheat / Fault Indicator Light
3	2T/4T Trigger Switch / Hold
4	Stick / Lift TIG / HF TIG Process Switch
5	Down Slope / Arc Force Control Knob
6	Weld Amperage Control Knob

THERMAL ARC


TIG Torch with remote current control supplied as standard

**TIG (GTAW) INVERTER****ARCMaster 202 AC/DC**

1ph 230V Input, 200A TIG Inverter with HF TIG, Lift TIG, Stick, Hot Start, Digital Meters, 2T/4T Function, Up Slope/Down Slope and Full Function Built In Pulse, AC Frequency Control and AC Wave Balance Control

Processes: STICK / LIFT TIG / HF TIG

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1006306	20% @ 200A	5-200A	400 x 240 x 475 mm	22 kg

Part No.	Description	List Price £
W1006306	Arcmaster 202 AC/DC 200 Amp AC/DC TIG Inverter Power Source with 3m 26 Style TIG Torch with remote current control, electrode holder and lead, gas hose, earth cable and clamp with 50mm connections	1,658.00

OPTIONS AND ACCESSORIES

10-4016	Remote Foot Control 7.6m lead and plug	329.33
W4013601	TIG Torch, 26, 3m, 50mm Dinse with 5/8"-18 UNF Male gas fitting	158.08
10-9811	Plug for Remote or TIG Torch Button	28.18
TM-1MS-5H	Replacement TIG Torch Trigger	13.95

Specifications

Mains Input Voltage	1ph. 230v
Protection Factor	IP23S
I efficiency	15.5A

Open Circuit Voltage	72V
Warranty Period	2 Years

Features**Benefits**

Thermal Overload Protection with Indicator	Alerts the operator if duty cycle is exceeded or airflow is blocked
Simple to use Control Panel Interface	All functions and controls are easily set through robust easy to use push button switches
Adjustable Arc Control	For manual Arc (Stick) welding - the operator can adjust the arc penetration to eliminate electrode stick
Remote Receptacle	Allows remote devices to be connected for controlling amperage and output contactor
Lift Start TIG	Provides TIG arc starting without use of high frequency
HF Arc Starting	Provides non-contact arc starting that eliminates tungsten or material contamination
TIG Pulsar & Sloper	Provides Pulse ON/OFF, Pulse Frequency, peak % time, background and peak amperage, initial and final slope times and amperage control



- 1 - Selection key for Stick or TIG mode
- 2 - Selection key for Pulse
- 3 - Selection key for Purge
- 4 - Programme reverse button
- 5 - Amperage control knob
- 6 - Programme advance button
- 7 - 2 stroke or 4 stroke mode indicator
- 8 - Selection key for HF or Lift Arc TIG



INVERTER MIG (GMAW) MACHINE

FABRICATOR 181i

1ph 230V Input, 180A Compact MIG & Multiprocess Inverter
5kg/7.5kg wire spool capacity

Processes: MIG / FLUX CORED / STICK / LIFT TIG

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1003186	20% @ 180A	10 - 180A	410 x 210 x 450 mm	14.6 kg

Part No.	Description	List Price £
W1003186	Fabricator 181i Compact MIG Inverter with feed rolls for 0.6 - 0.8mm knurled and hard wire and 1 - 1.2mm soft wire, gas hose, Tweco Fusion 180 MIG Torch, earth cable and clamp, mains cable	1,029.00

OPTIONS AND ACCESSORIES

62020	0.6/0.8mm Hard Wire V groove feed roll	31.45
62022	0.9/1.2mm Hard Wire V groove feed roll	31.45
62179	0.8/1.0mm Soft Wire U groove feed roll	31.45
62024	0.9/1.2mm Soft Wire U groove feed roll	31.45
62028	0.8/0.9mm Cored Wire V knurl feed roll	31.45
62023	1.2/1.6mm Cored Wire V knurl feed roll	31.45
F180X-10-3035	Tweco Fusion 180 MIG Torch, 3m	91.34
310.050.002	17V Tig Torch with 4m Lead	126.22
10-4016	7.6m Foot Control	329.33
W7004930	Replacement Gas Hose	21.98
W4014700	Basic Utility cart	343.00

FOR THE FULL RANGE OF TWECO FUSION MIG TORCHES AND CONSUMABLES, REFER TO PAGE 69.

Specifications

Mains Input Voltage	1ph. 230v
Protection Factor	IP23S
I efficiency	16.6A
Warranty Period	2 Years
Welding Current Range	10 - 180A

Wire Drive Type	2 Roll
Welding Output	
MIG	20% @ 180A
MMA	20% @ 175A
TIG	25% @ 175A

Features	Benefits
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Digital Meters	Allows the operator to easily check and adjust parameters
Thermal Overload Protection with Indicator	Alerts operator if duty cycle is exceeded or airflow is blocked
Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Trigger Latching Facility	Allows trigger to be released for continuous long weld runs in MIG and TIG modes
Reverse Polarity Facility	Allows use of self shielding wires for outdoor applications
50mm Output Terminals	Allows for easy polarity reversal and cable change



Item	Description
1	Power Indicator
2	Thermal Overload Indicator
3	Digital Voltage Meter
4	Push-Button Process Selection
5	Push-Button Trigger Mode Control
6	Variable Inductance Control
7	Multifunction control - Infinitely Variable Voltage / Down Slope / Arc Force Control
8	Amperage Control
9	Digital Amperage Meter

THERMAL ARC

DUAL VOLTAGE
230 / 110v

31
MIG STICK TIG



INVERTER MIG (GMAW) MACHINE

FABRICATOR 211i

1ph 110/230V input, 210A Compact MIG & Multiprocess Inverter
15 kg Wire Spool Capacity

POWER FACTOR CORRECTION

Processes: MIG / FLUX CORED / STICK / LIFT TIG

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1004207	20% @ 210A (230V) 20% @ 140A (110V)	10 - 210A (230V) 10 - 140A (110V)	435 x 266 x 617 mm	26 kg

Part No.	Description	List Price £
W1004207	Fabricator 211i Compact MIG Inverter with feed rolls for 0.6 - 0.8mm knurled and hard wire and 1 - 1.2mm soft wire, gas hose, Tweco Fusion 220 MIG Torch, electrode holder and lead, earth cable and clamp with 50mm connections	1,361.00

OPTIONS AND ACCESSORIES

62020	0.6/0.8mm Hard Wire V groove feed roll	31.45
62022	0.9/1.2mm Hard Wire V groove feed roll	31.45
62179	0.8/1.0mm Soft Wire U groove feed roll	31.45
62024	0.9/1.2mm Soft Wire U groove feed roll	31.45
62028	0.8/0.9mm Cored Wire V knurl feed roll	31.45
F220X-10-3035	Tweco Fusion 220 MIG Torch, 3m	99.68
SG160XTA12-3035	Tweco Spool Gun, 4m	519.87
310.090.001	26V Tig Torch with 4m Lead	172.61
10-4016	7.6m Foot Control	329.33
W4014700	Basic Utility Cart	343.00
W4015001	Single Cylinder Professional Cart	410.00
W4015002	Dual Cylinder Professional cart	565.00
872726	Consumables Storage Box	15.18
W7004930	Replacement Gas Hose	21.98

FOR THE FULL RANGE OF TWECO FUSION MIG TORCHES AND CONSUMABLES, REFER TO PAGE 69.

Specifications

Mains Input Voltage	1ph. 230/110V	Wire Drive Type	2 Roll
Protection Factor	IP23S	Welding Output	
I efficiency	19.6A (110V) / 15A (230V)	MIG	20% @ 210A
Warranty Period	2 Years	MMA	25% @ 200A
Welding Current Range	10 - 210A	TIG	20% @ 200A

Features

Benefits

Dual Voltage Input Power	Suitable for use on 110 or 230 VAC
Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Reverse Polarity Facility	Allows use of self shielding wires for outdoor applications
Power Factor Correction	'The greener option' offers a higher output while reducing input power consumption!
Spool Gun Ready	For easy aluminium welding



Item	Description
1	Power Indicator
2	Thermal Overload Indicator
3	Digital Voltage Meter
4	Push-Button Process Selection
5	Push-Button Trigger Mode Control
6	Variable Inductance Control
7	Multifunction control - Infinitely Variable Voltage / Down Slope / Arc Force Control
8	Amperage Control
9	Digital Amperage Meter

**NOW WITH
TWECO FUSION
MIG TORCH**

**31
MIG • STICK • TIG**



INVERTER MIG (GMAW) MACHINE

FABRICATOR 252i

1ph 230V input, 300A Compact MIG & Multiprocess Inverter
15 kg Wire Spool Capacity

POWER FACTOR CORRECTION

Processes: MIG / FLUX CORED / STICK / LIFT TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1004408	40% @ 250A	5 - 300A	440 x 260 x 600 mm	29.6 kg

Part No.	Description	List Price £
W1004408	Fabricator 252i Compact MIG Inverter with 0.9/1.2mm and 0.6/0.9mm V groove feed rolls, gas hose, earth cable and clamp with 50mm connections, mains cable, Tweco Fusion 250 3m MIG Torch	2,350.00

OPTIONS AND ACCESSORIES

Feed rolls are supplied as singles. Please order both a top and bottom feed roll

407002-001	(Top) Feed Roll, 0.6-1.2mm Hard Wire, 1.2mm Flux Cored Wire	31.45
375832	(Top) Feed Roll, 0.8/0.9mm Flux Cored Wire	31.45
407002-002	(Bottom) Feed Roll, 0.6-0.9mm Hard Wire, 0.8/0.9mm Flux Cored Wire	31.45
171115-003	(Bottom) Feed Roll, 1.2mm Hard Wire	31.45
170924-010	(Bottom) Feed Roll, 1.2mm Flux Cored Wire	31.45
408023-002	(Top or Bottom) Feed Roll, 1.2mm Soft Wire	31.45
FV210-X-3545	Tweco Fusion 250 MIG Torch, 3m	138.09
W4013601	26 Tig Torch with 4m Lead	158.08
10-4016	7.6m Foot Control	329.33
SG200TA-25-3545	Tweco Spool Gun, 8m	623.86
W4014700	Basic Utility Cart	343.00
W4015001	Single Cylinder Professional Cart	410.00
W4015002	Dual Cylinder Professional cart	565.00
872726	Consumables Storage Box	15.18
W7004930	Replacement Gas Hose	21.98

FOR THE FULL RANGE OF TWECO FUSION MIG TORCHES AND CONSUMABLES, REFER TO PAGE 69.

Specifications

Mains Input Voltage	1ph. 230V
Protection Factor	IP23S
I efficiency	16A
Warranty Period	2 Years
Welding Current Range	5 - 300A

Wire Drive Type	2 Roll
Welding Output	
MIG	40% @ 250A
MMA	40% @ 230A
TIG	40% @ 250A

Features

Benefits

Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Reverse Polarity Facility	Allows use of self shielding wires for outdoor applications
Power Factor Correction	'The greener option' offers a higher output while reducing input power consumption!
Spool Gun Ready	For easy aluminium welding



Item	Description
1	Power Indicator
2	Thermal Overload Indicator
3	Digital Voltage Meter
4	Push-Button Process Selection
5	Push-Button Trigger Mode Control
6	Advanced Feature Button.
7	Primary Function
8	Adjust Weld Process
9	Digital Amperage Meter



MIG (GMAW) TRANSFORMER RECTIFIER MACHINE

FABRICATOR 320C III COMPACT

3ph 400V Input, 340A Compact MIG Machine with 12 Voltage settings

Processes: MIG / FLUX CORED

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
FAB320C	20% @ 340A	40 - 340A	800 x 380 x 870 mm	99 kg

Part No.	Description	List Price £
FAB320C	Fabricator 320C III Conventional MIG System with, Wheel Kit/Cylinder Tray, 1.0-1.2mm Feed Rolls	1,935.00

OPTIONS AND ACCESSORIES

2187	0.6/0.8mm Hard Wire V groove feed roll	40.40
2189	1.0/1.2mm Hard Wire V groove feed roll	40.40
2511	1.2/1.6mm Hard Wire V groove feed roll	40.40
2269	1.0/1.2mm Soft Wire U groove feed roll	40.40
2316	1.2/1.6mm Soft Wire U groove feed roll	40.40
2513	1.6/2.0mm Cored Wire V knurl feed roll	40.40
2319	1.0/1.2mm Cored Wire V knurl feed roll	40.40
2321	1.2/1.6mm Cored Wire V knurl feed roll	40.40
161.560.307	Tweco TWE4.3E 400A MIG Torch, 3m	167.62
161.560.407	Tweco TWE4.4E 400A MIG Torch, 4m	176.93
161.560.457	Tweco TWE4.45E 400A MIG Torch, 4.5m	184.69

Specifications

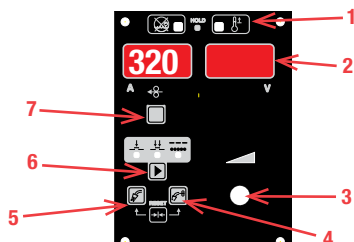
Mains Input Voltage	3ph. 400V
Protection Factor	IP23S
I efficiency	10.8A
Warranty Period	2 Years
Voltage Settings	12
Open Circuit Voltage	18.2 - 44.9V

Wire Drive Type	4 Roll
Wire Feed Speed Range	1 - 19 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	1.0 - 1.6 mm
Cored Wire	1.0 - 2.0 mm

Features

Benefits

Thermal Overload Protection with Indicator	Alerts operator if duty cycle is exceeded or airflow is blocked
Spot Timer Control	Consistently timed, uniform spot welds
Stitch Timer Control	Allows operator to set dedicated on/off times to produce uniform short runs
Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Trigger Latching Facility	Allows trigger to be released for continuous long weld runs
Electronic feedback of wire speed	Constant wire feed speed
Voltage and amp meters at wfu	Allows operator to see parameters at working area
Pre + post gas control	Allows operator to change pre + post gas times to suit applications
Initial Speed Control	Allows operator to change initial wire speed time for soft start applications



Item	Description
1	Thermal overload warning light
2	Digital meters
3	Control Knob
4	Cold wire inch
5	Gas purge
6	Mode selector
7	Secondary parameter settings button

Please note: The wire feed unit is a four roll system, therefore two of any of the above drive rolls are required to complete one set



MIG (GMAW) TRANSFORMER RECTIFIER MACHINE

FABRICATOR 320S III SEPARATE WITH WIRE FEED UNIT

3ph 400V Input, 340A MIG Machine with separate wire feed unit and 12 Voltage settings

Processes: MIG / FLUX CORED				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
FAB320S	20% @ 340A	40 - 340A	1360 x 380 x 870 mm	120 kg

Part No.	Description	List Price £
FAB320S	Fabricator 320S III Conventional MIG System with Separate Wire Feed Unit, 5m Interconnection Cable, 1.0-1.2mm Feed Rolls, mains cable	2,488.00

OPTIONS AND ACCESSORIES

VM0393E	5m Interconnecting cable assy a/c	255.10	2269	1.0/1.2mm	Soft Wire U Groove Feed Roll	40.40
VM0394E	10m Interconnecting cable assy a/c	449.77	2316	1.2/1.6mm	Soft Wire U Groove Feed Roll	40.40
2187	0.6/0.8mm Hard Wire V Groove Feed Roll	40.40	2513	1.6/2.0mm	Soft Wire U Groove Feed Roll	40.40
2189	1.0/1.2mm Hard Wire V Groove Feed Roll	40.40	2319	1.0/1.2mm	Cored Wire V Groove Feed Roll	40.40
2511	1.2/1.6mm Hard Wire V Groove Feed Roll	40.40	2321	1.2/1.6mm	Cored Wire V Groove Feed Roll	40.40

Recommended Torches

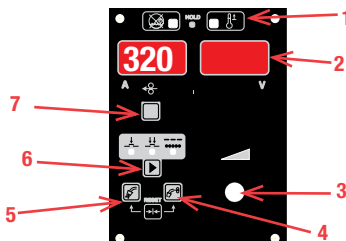
161.560.307	TWE4.3E	400A Air-Cooled MIG Torch, 3m (60% @ 340A)	167.62
161.560.407	TWE4.4E	400A Air-Cooled MIG Torch, 4m (60% @ 340A)	176.93
161.560.457	TWE4.45E	400A Air-Cooled MIG Torch, 4.5m (60% @ 340A)	184.69

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23S
Efficiency	10.8A
Warranty Period	2 Years
Voltage Settings	12
Open Circuit Voltage	18.2 - 44.9V

Wire Drive Type	4 Roll
Wire Feed Speed Range	1 - 19 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	1.0 - 1.6 mm
Cored Wire	1.0 - 2.0 mm

Features	Benefits
Thermal Overload Protection with Indicator	Alerts operator if duty cycle is exceeded or airflow is blocked
Spot Timer Control	Consistently timed, uniform spot welds
Stitch Timer Control	Allows operator to set dedicated on/off times to produce uniform short runs
Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Trigger Latching Facility	Allows trigger to be released for continuous long weld runs
Electronic feedback of wire speed	Constant wire feed speed
Voltage and amp meters at wfu	Allows operator to see parameters at working area
Pre + post gas control	Allows operator to change pre + post gas times to suit applications
Initial Speed Control	Allows operator to change initial wire speed time for soft start applications



Item	Description
1	Thermal overload warning light
2	Digital meters
3	Control Knob
4	Cold wire inch
5	Gas purge
6	Mode selector
7	Secondary parameter settings button

Please note: The wire feed unit is a four roll system, therefore two of any of the above drive rolls are required to complete one set

THERMAL ARC

MIG (GMAW) TRANSFORMER RECTIFIER MACHINE

FABRICATOR 400S III SEPARATE WITH WIRE FEED UNIT

3ph 400V Input, 420A Separate MIG Machine with 20 Voltage settings, Digital Meters, micro processor control



Processes: MIG / FLUX CORED

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
FAB400S	30% @ 420A	55 - 420A	1360 x 380 x 870 mm	133 kg

Part No.	Description	List Price £
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FAB400S	Fabricator 400S III 420A Separate MIG system with 1.6m interconnection, 1.0-1.2mm feed rolls, feeder wheel kit, mains cable	2,598.00
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OPTIONS AND ACCESSORIES

VM0263E	1m Interconnecting cable assy a/c	187.29	2269	1.0/1.2mm	Soft Wire U Groove Feed Roll	40.40
VM0266E	5m Interconnecting cable assy a/c	266.86	2316	1.2/1.6mm	Soft Wire U Groove Feed Roll	40.40
VM0267E	10m Interconnecting cable assy a/c	509.74	2513	1.6/2.0mm	Soft Wire U Groove Feed Roll	40.40
2187	0.6/0.8mm Hard Wire V Groove Feed Roll	40.40	2319	1.0/1.2mm	Cored Wire V Groove Feed Roll	40.40
2189	1.0/1.2mm Hard Wire V Groove Feed Roll	40.40	2321	1.2/1.6mm	Cored Wire V Groove Feed Roll	40.40
2511	1.2/1.6mm Hard Wire V Groove Feed Roll	40.40				

Recommended Torches

161.560.307	TWE4.3E	400A Air-Cooled MIG Torch, 3m (60% @ 340A)	167.62
161.560.407	TWE4.4E	400A Air-Cooled MIG Torch, 4m (60% @ 340A)	176.93
161.560.457	TWE4.45E	400A Air-Cooled MIG Torch, 4.5m (60% @ 340A)	184.69

Specifications

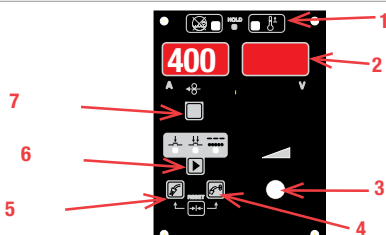
Mains Input Voltage	3ph. 400V
Protection Factor	IP23S
I efficiency	13.7A
Warranty Period	2 Years
Voltage Settings	2 x 10
Open Circuit Voltage	19.3 - 48V

Wire Drive Type	4 Roll
Wire Feed Speed Range	1 - 19 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	1.0 - 1.6 mm
Cored Wire	1.0 - 2.0 mm

Features

Benefits

Thermal Overload Protection with Indicator	Alerts operator if duty cycle is exceeded or airflow is blocked
Spot Timer Control	Consistently timed, uniform tack welds
Stitch Timer Control	Allows operator to set dedicated on/off times to produce uniform short runs
Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Trigger Latching Facility	Allows trigger to be released for continuous long weld runs
Electronic feedback of wire speed	Constant wire feed speed
Voltage and amp meters at wfu	Allows operator to see parameters at working area
Pre + post gas control	Allows operator to change pre + post gas times to suit applications
Initial Speed Control	Allows operator to change initial wire speed time for soft start applications



Item	Description
1	Thermal overload warning light
2	Digital meters
3	Control Knob
4	Cold wire inch
5	Gas purge
6	Mode selector
7	Secondary parameter settings button

Please note: The wire feed unit is a four roll system, therefore two of any of the above drive rolls are required to complete one set



MIG (GMAW) TRANSFORMER RECTIFIER MACHINE

FABRICATOR 500S III SEPARATE WITH HIGH SPEED WIRE FEED UNIT

3ph 400V Input, 520A separate MIG Machine with 30 Voltage settings, Digital Meters, micro processor control

Processes: MIG / FLUX CORED

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
FAB500S	25% @ 520A	70 - 520A	1430 x 440 x 870 mm	161 kg

Part No.	Description	List Price £
FAB500S	Fabricator 500S III 520A Separate system with 1.6m interconnection A/C, 1.0/1.2 mm feed rolls, feeder wheel kit, mains cable	3,703.00

OPTIONS AND ACCESSORIES

A.028E	Water Cooler w/flow sensor c/w fittings	715.00	1657	0.6/0.8mm	Hard Wire V Groove Feed Roll	40.40
VM0263E	1.6m Interconnecting cable assy a/c	187.29	2062	1.0/1.2mm	Hard Wire V Groove Feed Roll	40.40
VM0266E	5m Interconnecting cable assy a/c	266.86	1729	1.2/1.6mm	Hard Wire V Groove Feed Roll	40.40
VM0267E	10m Interconnecting cable assy a/c	509.74	1829	1.0/1.2mm	Soft Wire U Groove Feed Roll	40.40
VM0264E	1.6m Interconnecting cable assy w/c	219.59	2313	1.2/1.6mm	Soft Wire U Groove Feed Roll	40.40
VM0265E	5m Interconnecting cable assy w/c	342.30	2314	1.6/2.0mm	Soft Wire U Groove Feed Roll	40.40
VM0268E	10m Interconnecting cable assy w/c	566.72	2298	1.0/1.2mm	Cored Wire V Groove Feed Roll	40.40
7-3580	Torch Coolant, 3.8l	22.71	2278	1.2/1.6mm	Cored Wire V Groove Feed Roll	40.40

Recommended Torches

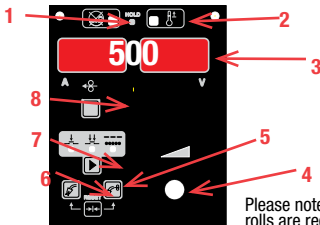
161.560.307	TWE4.3E 400A Air-Cooled MIG Torch, 3m (60% @ 340A)	167.62
161.560.407	TWE4.4E 400A Air-Cooled MIG Torch, 4m (60% @ 340A)	176.93
161.560.457	TWE4.45E 400A Air-Cooled MIG Torch, 4.5m (60% @ 340A)	184.69
552.316.307	SW450.3F 450A Water-Cooled MIG Torch, 3m (60% @ 450A)	349.19
552.316.407	SW450.4F 450A Water-Cooled MIG Torch, 4m (60% @ 450A)	390.89

Specifications

Mains Input Voltage	3ph. 400V	Wire Drive Type	4 Roll
Protection Factor	IP23S	Wire Feed Speed Range	1 - 25 m/min
I efficiency	22.5A	Wire Diameter Range	
Warranty Period	2 Years	Hard Wire	0.6 - 1.6 mm
Voltage Settings	3 x 10	Soft Wire	0.8 - 1.6 mm
Open Circuit Voltage	20.2 - 59.8V	Cored Wire	1.0 - 2.0 mm

Features Benefits

Thermal Overload Protection with Indicator	Alerts operator if duty cycle is exceeded or airflow is blocked
Spot Timer Control	Consistently timed, uniform spot welds
Stitch Timer Control	Allows operator to set dedicated on/off times to produce uniform short runs
Adjustable Burn Back Control	Gives precise wire burn back for diameter of wire and good re-striking capability
Trigger Latching Facility	Allows trigger to be released for continuous long weld runs
Electronic feedback of wire speed	Constant wire feed speed
Voltage and amp meters at wfu	Allows operator to see parameters at working area
Pre + post gas control	Allows operator to change pre + post gas times to suit applications
Initial Speed Control	Allows operator to change initial wire speed time for soft start applications
Water Cooler system protection	Torch will not burn out if no water flow at cooler
Easy fit water cooler	Allows easy conversion from air cooled to water cooled



Item	Description
1	Water cooler warning light
2	Thermal overload warning light
3	Digital meters
4	Control Knob
5	Cold wire inch
6	Gas purge
7	Mode selector
8	Secondary parameter settings button

Please note: The wire feed unit is a four roll system, therefore two of any of the above drive rolls are required to complete one set



SYNERGIC MIG PULSE INVERTER

POWERMASTER PLUS 320SP

3ph 400v Input, 320A Digital Control Synergic MIG Compact System

PowerMaster Plus

Processes: MIG / FLUX CORED / STICK

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1000103PP	60% @ 320A / 100% @ 280A	5 - 320A	498 x 340 x 745 mm	35 kg

Part No.	Description	List Price £
W1000103PP	320A PowerMaster Mobile Power Source complete with 1.0mm/1.2mm V drive rollers, gas hose, mains cable	6,924.00

OPTIONS AND ACCESSORIES

W4000000	Remote Control RC 20	401.81
W4011601	TIG Kit	540.54
W4001301	Water Recirculator	1347.00
W4000300	Thermal Arc Inverter Cart	698.00

Recommended Torches

161.628.307	TWECO DSA MIG Digital Air Cooled Torch 400A 3m	336.44
161.628.407	TWECO DSA MIG Digital Air Cooled Torch 400A 4m	371.24
161.560.307	TWE4.3E 400A Air-Cooled MIG Torch, 3m (60% @ 340A)	167.62
161.560.407	TWE4.4E 400A Air-Cooled MIG Torch, 4m (60% @ 340A)	176.93
161.560.457	TWE4.45E 400A Air-Cooled MIG Torch, 4.5m (60% @ 340A)	184.69
ML3600PM	Digital Push-pull torch 8m Air Cooled	2380.40

Feed Rolls

74238	0.6/0.8mm Hard Wire V Groove	39.98	74796 1.0/1.2mm Soft Wire U Groove	39.98
74129	0.8/1.0mm Hard Wire V Groove	39.98	74797 1.2/1.6mm Soft Wire U Groove	39.98
74109	1.0/1.2mm Hard Wire V Groove	39.98	7977734 0.8/0.9mm Cored Wire V Knurl	39.98
74102	1.2/1.6mm Hard Wire V Groove	39.98	74291 1.2/1.6mm Cored Wire V Knurl	39.98
74107	0.8/0.9mm Soft Wire U Groove	39.98	7977372 1.6/2.4mm Cored Wire V Knurl	39.98

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23
I efficiency	14A
Warranty Period	3 Years
Arc Voltage Range	15.2V - 30V

Wire Drive Type	4 Roll
Wire Feed Speed Range	0.1 - 25 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	0.8 - 1.6 mm
Cored Wire	0.8- 2.4 mm

Features

PowerMaster Plus

Benefits

Increases welding speed by up to 30%	
Single pass butt welds possible up to 12 mm in thickness	
Increased penetration compared to standard systems	
Reduced risk of undercut	
100 Programmes accessible from MIG torch	Ensuring fast and flexible control
Synergic One Knob Control	Arc energy matched to wire feed speed to give excellent welding conditions
Twin Pulse (pulse on pulse) welding	TIG quality welds at MIG speeds ideally suited to thin gauge material
Heavy Duty, Tough Case design	Enabling machine to withstand rigor of every day use
Micro processor control with digital display	User friendly with all parameters - programmes easily viewed
High efficiency inverter design	Giving precise arc characteristics at low running costs
Spatter free in majority of welding applications	Less clean up time, aesthetically pleasing weld appearance



SYNERGIC MIG PULSE INVERTER

POWERMASTER PLUS 400SP

PowerMaster Plus

Air Cooled System

3ph 400v Input, 400A Digital Control Synergic MIG Separate System

Processes: MIG / FLUX CORED / STICK				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1000303PP	60% @ 400A / 100% @ 350A	5 - 400A	855 x 445 x 1116 mm	112 kg

BASIC PACKAGE COMPONENTS

Part No.	Description	List Price £
W1000303PP	400A PowerMaster Power Source Air Cooled	6,859.00
W3000103	4 Roll Workshop Wire Feeder Air Cooled complete with 1.0/1.2mm V drive rollers	2,195.00
W4000400	1m 70mm Air-Cooled Interconnection	263.00

OPTIONS AND ACCESSORIES

W4000100	Remote Control HR 911	780.74
W4011600	TIG Kit	374.90
W4001000	Swivel Unit	226.00
W4000503	5m 70mm Air-Cooled Interconnection	480.72
W4000401	10m 70mm Air-Cooled Interconnection	568.03
W4000606	20m 95mm Air- and Water-Cooled Interconnection	1257.71

Recommended Torches

161.628.307	TWECO DSA MIG Digital Air Cooled Torch 400A 3m	336.44
161.628.407	TWECO DSA MIG Digital Air Cooled Torch 400A 4m	371.24
ML3600PM	Digital Push-pull torch 8m Air Cooled	2380.40
161.560.307	TWE4.3E 400A Air-Cooled MIG Torch, 3m (60% @ 340A)	167.62
161.560.407	TWE4.4E 400A Air-Cooled MIG Torch, 4m (60% @ 340A)	176.93
161.560.457	TWE4.45E 400A Air-Cooled MIG Torch, 4.5m (60% @ 340A)	184.69

Feed Rolls

74238	0.6/0.8mm Hard Wire V Groove	39.98	74796 1.0/1.2mm Soft Wire U Groove	39.98
74129	0.8/1.0mm Hard Wire V Groove	39.98	74797 1.2/1.6mm Soft Wire U Groove	39.98
74109	1.0/1.2mm Hard Wire V Groove	39.98	7977734 0.8/0.9mm Cored Wire V Knurl	39.98
74102	1.2/1.6mm Hard Wire V Groove	39.98	74291 1.2/1.6mm Cored Wire V Knurl	39.98
74107	0.8/0.9mm Soft Wire U Groove	39.98	7977372 1.6/2.4mm Cored Wire V Knurl	39.98

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23
I efficiency	20A
Warranty Period	3 Years
Arc Voltage Range	15.2V - 34V

Wire Drive Type	4 Roll
Wire Feed Speed Range	0.1 - 25 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	0.8 - 1.6 mm
Cored Wire	0.8 - 2.4 mm

Features

PowerMaster Plus

Benefits

Increases welding speed by up to 30%	Single pass butt welds possible up to 12 mm in thickness
Increased penetration compared to standard systems	Reduced risk of undercut
100 Programmes accessible from MIG torch	Ensuring fast and flexible control
Synergic One Knob Control	Arc energy matched to wire feed speed to give excellent welding conditions
Twin Pulse (pulse on pulse) welding	TIG quality welds at MIG speeds ideally suited to thin gauge material
Heavy Duty, Tough Case design	Enabling machine to withstand rigor of every day use
Micro processor control with digital display	User friendly with all parameters - programmes easily viewed
High efficiency inverter design	Giving precise arc characteristics at low running costs
Spatter free in majority of welding applications	Less clean up time, aesthetically pleasing weld appearance


SYNERGIC MIG PULSE INVERTER
POWERMASTER PLUS 400SP
PowerMaster Plus
Water Cooled System

3ph 400v Input, 400A Digital Control Synergic MIG Separate System


Processes: MIG / FLUX CORED / STICK

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1000203PP	60% @ 400A / 100% @ 350A	5 - 400A	855 x 445 x 1116 mm	112 kg

BASIC PACKAGE COMPONENTS

Part No.	Description	List Price £
W1000203PP	400A PowerMaster Power Source with Integrated Water Cooler	7,969.00
W3000203	4 Roll Workshop Wire Feeder Water Cooled complete with 1.0/1.2mm V drive rollers	2,120.00
W4000500	1m 70mm Water-Cooled Interconnection	290.00

OPTIONS AND ACCESSORIES

W4000100	Remote Control HR 911	780.74
W4011600	TIG Kit	374.90
W4001000	Swivel Unit	226.00
W4000503	5m 70mm Water-Cooled Interconnection	480.72
W4000501	10m 70mm Water-Cooled Interconnection	597.00
W4000606	20m 95mm Water-Cooled Interconnection	1257.71
7-3580	Torch Coolant, 3.8l	22.71

Recommended Torches

160.620.307	TWECO DSW MIG Digital Water Cooled Torch 500A 3m	524.39
160.620.407	TWECO DSW MIG Digital Water Cooled Torch 500A 4m	574.28
MW5400PM	Digital Push-pull torch 8m Water Cooled	3260.06
W4001500	Push-Pull Control Board	266.71
552.316.307	SW450.3F 450A Water-Cooled MIG Torch, 3m (60% @ 450A)	349.19
552.316.407	SW450.4F 450A Water-Cooled MIG Torch, 4m (60% @ 450A)	390.89

Feed Rolls

74238	0.6/0.8mm Hard Wire V Groove	39.98	74796 1.0/1.2mm Soft Wire U Groove	39.98
74129	0.8/1.0mm Hard Wire U Groove	39.98	74797 1.2/1.6mm Soft Wire U Groove	39.98
74109	1.0/1.2mm Hard Wire V Groove	39.98	7977734 0.8/0.9mm Cored Wire V Knurl	39.98
74102	1.2/1.6mm Hard Wire V Groove	39.98	74291 1.2/1.6mm Cored Wire V Knurl	39.98
74107	0.8/0.9mm Soft Wire U Groove	39.98	7977372 1.6/2.4mm Cored Wire V Knurl	39.98

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23
I efficiency	20A
Warranty Period	3 Years
Arc Voltage Range	15.2V - 34V

Wire Drive Type	4 Roll
Wire Feed Speed Range	0.1 - 25 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	0.8 - 1.6 mm
Cored Wire	0.8- 2.4 mm

Features
Benefits
PowerMaster Plus

Increases welding speed by up to 30%
 Single pass butt welds possible up to 12 mm in thickness
 Increased penetration compared to standard systems
 Reduced risk of undercut

100 Programmes accessible from MIG torch	Ensuring fast and flexible control
Synergic One Knob Control	Arc energy matched to wire feed speed to give excellent welding conditions
Twin Pulse (pulse on pulse) welding	TIG quality welds at MIG speeds ideally suited to thin gauge material
Heavy Duty, Tough Case design	Enabling machine to withstand rigor of every day use
Micro processor control with digital display	User friendly with all parameters - programmes easily viewed
High efficiency inverter design	Giving precise arc characteristics at low running costs
Spatter free in majority of welding applications	Less clean up time, aesthetically pleasing weld appearance



SYNERGIC MIG PULSE INVERTER

POWERMASTER PLUS 500SP

PowerMaster Plus

Water Cooled System

3ph 400v Input, 500A Digital Control Synergic MIG Separate System

Processes: MIG / FLUX CORED / STICK				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1000503PP	100% @ 500A	5 - 500A	855 x 445 x 1116 mm	121 kg

BASIC PACKAGE COMPONENTS

Part No.	Description	List Price £
W1000503PP	500A PowerMaster Power Source with Integrated Water Cooler	8,919.00
W3000203	4 Roll Workshop Wire Feeder Water Cooled complete with 1.0/1.2mm V drive rollers	2,120.00
W4000600	1m 95mm Water-Cooled Interconnection	307.00

OPTIONS AND ACCESSORIES

W4000100	Remote Control HR 911	780.74
W4011600	TIG Kit	374.90
W4001000	Swivel Unit	226.00
W4000607	5m 95mm Water-Cooled Interconnection	468.35
W4000601	10m 95mm Water-Cooled Interconnection	663.00
W4000606	20m 95mm Water-Cooled Interconnection	1257.71
7-3580	Torch Coolant, 3.8l	22.71

Recommended Torches

160.620.307	TWECO DSW MIG Digital Water Cooled Torch 500A 3m	524.39
160.620.407	TWECO DSW MIG Digital Water Cooled Torch 500A 4m	574.28
MW5400PM	Digital Push-pull torch 8m Water Cooled	3260.06

Feed Rolls

74238	0.6/0.8mm Hard Wire V Groove	39.98	74796 1.0/1.2mm Soft Wire U Groove	39.98
74129	0.8/1.0mm Hard Wire V Groove	39.98	74797 1.2/1.6mm Soft Wire U Groove	39.98
74109	1.0/1.2mm Hard Wire V Groove	39.98	7977734 0.8/0.9mm Cored Wire V Knurl	39.98
74102	1.2/1.6mm Hard Wire V Groove	39.98	74291 1.2/1.6mm Cored Wire V Knurl	39.98
74107	0.8/0.9mm Soft Wire U Groove	39.98	7977372 1.6/2.4mm Cored Wire V Knurl	39.98

Specifications

Mains Input Voltage	3ph. 400V	Wire Drive Type	4 Roll
Protection Factor	IP23	Wire Feed Speed Range	0.1 - 25 m/min
Efficiency	29A	Wire Diameter Range	
Warranty Period	3 Years	Hard Wire	0.6 - 1.6 mm
Arc Voltage Range	15.2V - 39V	Soft Wire	0.8 - 1.6 mm
		Cored Wire	0.8- 2.4 mm

Features

Benefits

PowerMaster Plus

Increases welding speed by up to 30%
Single pass butt welds possible up to 12 mm in thickness
Increased penetration compared to standard systems
Reduced risk of undercut

100 Programmes accessible from MIG torch	Ensuring fast and flexible control
Synergic One Knob Control	Arc energy matched to wire feed speed to give excellent welding conditions
Twin Pulse (pulse on pulse) welding	TIG quality welds at MIG speeds ideally suited to thin gauge material
Heavy Duty, Tough Case design	Enabling machine to withstand rigor of every day use
Micro processor control with digital display	User friendly with all parameters - programmes easily viewed
High efficiency inverter design	Giving precise arc characteristics at low running costs
Spatter free in majority of welding applications	Less clean up time, aesthetically pleasing weld appearance


SYNERGIC MIG PULSE INVERTER
PowerMaster Plus

POWERMASTER PLUS 400SP ROBOTIC PACKAGE
Water Cooled System

3ph 400v Input, 400A Digital Control Synergic MIG Separate System with integrated cooler, remote control pendant HR911, 42 pin 10m robot interface cable

Processes: MIG / FLUX CORED / STICK

Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1000403PP	50% @ 400A / 100% @ 320A	5 - 400A	855 x 445 x 1116 mm	112 kg

BASIC PACKAGE COMPONENTS

Part No.	Description	List Price £
W1000403PP	400A PowerMaster Power Source with Integrated Water Cooler, Remote Control Pendant HR911, 42 pin 10m Robot Interface Cable	11,317.00
W3000303	4 Roll SP4000R Wire Feeder Water Cooled complete with 1.0/1.2mm V drive rollers	1,720.00
W4000502	10m 70mm Water-Cooled Robotic Interconnection	596.00

OPTIONS AND ACCESSORIES

W4000100	Remote Control HR 911	780.74
W4000800	42 pin plug for robot interface cable	280.45
W4000700	10m robot control cable (includes W4000800)	724.38
7-3580	Torch Coolant, 3.8l	22.71

Feed Rolls

74238	0.6/0.8mm Hard Wire V Groove	39.98	74796 1.0/1.2mm Soft Wire U Groove	39.98
74129	0.8/1.0mm Hard Wire V Groove	39.98	74797 1.2/1.6mm Soft Wire U Groove	39.98
74109	1.0/1.2mm Hard Wire V Groove	39.98	7977734 0.8/0.9mm Cored Wire V Knurl	39.98
74102	1.2/1.6mm Hard Wire V Groove	39.98	74291 1.2/1.6mm Cored Wire V Knurl	39.98
74107	0.8/0.9mm Soft Wire U Groove	39.98	7977372 1.6/2.4mm Cored Wire V Knurl	39.98

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23
I efficiency	20A
Warranty Period	3 Years
Arc Voltage Range	15.2V - 34V

Wire Drive Type	4 Roll
Wire Feed Speed Range	0.1 - 25 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	0.8 - 1.6 mm
Cored Wire	0.8- 2.4 mm

Features
Benefits
PowerMaster Plus

Increases welding speed by up to 30%
Single pass butt welds possible up to 12 mm in thickness
Increased penetration compared to standard systems
Reduced risk of undercut

Synergic One Knob Control	Arc energy matched to wire feed speed to give excellent welding conditions
Twin Pulse (pulse on pulse) welding	TIG quality welds at MIG speeds ideally suited to thin gauge material
Heavy Duty, Tough Case design	Enabling machine to withstand rigor of every day use
Micro processor control with digital display	User friendly with all parameters - programmes easily viewed
High efficiency inverter design	Giving precise arc characteristics at low running costs
Spatter free in majority of welding applications	Less clean up time, aesthetically pleasing weld appearance

SYNERGIC MIG PULSE INVERTER

PowerMaster Plus



POWERMASER PLUS 500SP ROBOTIC PACKAGE

Water Cooled System

3ph 400v Input, 500A Digital Control Synergic MIG Separate System with integrated cooler, remote control pendant HR911, 42 pin 10m robot interface cable

Processes: MIG / FLUX CORED / STICK				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1000603PP	60% @ 500A / 100% @ 400A	5 - 500A	855 x 445 x 1116 mm	121 kg

BASIC PACKAGE COMPONENTS

Part No.	Description	List Price £
W1000603PP	500A PowerMaster Power Source with Integrated Water Cooler, Remote Control Pendant HR911, 42 pin 10m Robot Interface Cable	11,897.00
W3000303	4 Roll SP4000R Wire Feeder Water Cooled complete with 1.0/1.2mm V drive rollers	1,720.00
W4000602	10m 90mm Water-Cooled Robotic Interconnection	654.00

OPTIONS AND ACCESSORIES

W4000100	Remote Control HR 911	780.74
W4000800	42 pin plug for robot interface cable	280.45
W4000700	10m robot control cable (includes W4000800)	724.38
7-3580	Torch Coolant, 3.8l	22.71

Feed Rolls

74238	0.6/0.8mm Hard Wire V Groove	39.98	74796 1.0/1.2mm Soft Wire U Groove	39.98
74129	0.8/1.0mm Hard Wire V Groove	39.98	74797 1.2/1.6mm Soft Wire U Groove	39.98
74109	1.0/1.2mm Hard Wire V Groove	39.98	7977734 0.8/0.9mm Cored Wire V Knurl	39.98
74102	1.2/1.6mm Hard Wire V Groove	39.98	74291 1.2/1.6mm Cored Wire V Knurl	39.98
74107	0.8/0.9mm Soft Wire U Groove	39.98	7977372 1.6/2.4mm Cored Wire V Knurl	39.98

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23
I efficiency	29A
Warranty Period	3 Years
Arc Voltage Range	15.2V - 39V

Wire Drive Type	4 Roll
Wire Feed Speed Range	0.1 - 25 m/min
Wire Diameter Range	
Hard Wire	0.6 - 1.6 mm
Soft Wire	0.8 - 1.6 mm
Cored Wire	0.8- 2.4 mm

Features

PowerMaster Plus

Benefits

	Increases welding speed by up to 30% Single pass butt welds possible up to 12 mm in thickness Increased penetration compared to standard systems Reduced risk of undercut
Synergic One Knob Control	Arc energy matched to wire feed speed to give excellent welding conditions
Twin Pulse (pulse on pulse) welding	TIG quality welds at MIG speeds ideally suited to thin gauge material
Heavy Duty, Tough Case design	Enabling machine to withstand rigor of every day use
Micro processor control with digital display	User friendly with all parameters - programmes easily viewed
High efficiency inverter design	Giving precise arc characteristics at low running costs
Spatter free in majority of welding applications	Less clean up time, aesthetically pleasing weld appearance

THERMAL ARC**WORKSHOP CARTS****3 IN 1 SERIES SINGLE CYLINDER CART****Cat. No. W4015001 List Price - £410.00**

Designed for Fabricator 211i and 252i, with 1 gas cylinder attached. Includes storage draw at the front of the cart, and 1 toolbox for consumables storage which slots into the side of the cart.

Spare Consumables box**Cat. No. 872726 List Price - £15.18****3 IN 1 SERIES DUAL CYLINDER CART****Cat. No. W4015002 List Price - £565.00**

Designed for Fabricator 211i and 252i, with 2 gas cylinders attached. Includes storage draw at the front of the cart, and 2 toolboxes for consumables storage which slot into the side of the cart.

Spare Consumables box**Cat. No. 872726 List Price - £15.18****3 IN 1 SERIES UTILITY CART****Cat. No. W4014700 List Price - £343.00**

Suitable for Fabricator 181i, 211i and 252i, as well as most small welding or cutting inverters.

**ROLL CAGE****Cat. No. W4015104 List Price - £107.00**

Suitable for Fabricator 211i

Cat. No. W4015101 List Price - £107.00

Suitable for Fabricator 252i





TIG (GTAW) INVERTER

TWECO ARCMASTER 301 TS

3 ph 400V Input, 300A TIG Inverter with HF TIG, Lift TIG, Stick, Hot Start. High output and expanded input voltage capabilities for maximum user flexibility.

Processes: STICK / LIFT TIG / HF TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1009205	20% @ 300A	5 - 300A	326 x 185 x 483 mm	16.3 kg

Part No.	Description	List Price £
W1009205	Tweco Arcmaster 301 TS manual, primary cable and TIG plug.	4,018.00

OPTIONS AND ACCESSORIES

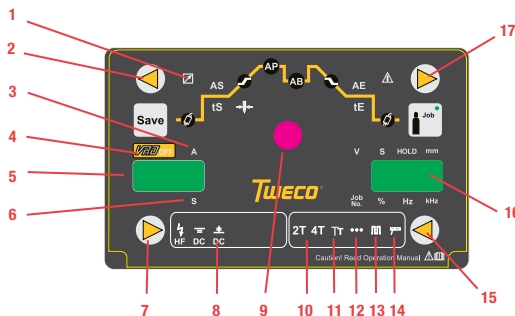
10-4016	Remote Foot Control 7.6m lead and plug	329.33
10-4014	Remote Hand Pendant with 7.6m lead & plug	402.53
10-9811	8 Pin Plug for remote / TIG Torch	28.18
W4001302	CJ-6 Arcmaster Water-Cooling Unit	1397.00
W4001350	Water-Cooling Unit Cable Protector	91.00
W4010003	2 Wheel Arcmaster Trolley	587.00
7-3580	Torch Coolant, 3.8l	22.71
W4013601	TIG Torch, 26, 3m with remote current control & 8 pin plug	158.08
310.090.011	26 Style TIG Torch with plug, 4m	121.44
310.090.012	26 Style TIG Torch with plug, 8m	151.80
310.090.013	26 Style TIG Torch with flex neck and plug, 4m	126.50
310.090.014	26 Style TIG Torch with flex neck and plug, 8m	156.86
311.050.001	18 Style WC TIG Torch with plug, 4m	151.80
311.050.002	18 Style WC TIG Torch with plug, 8m	182.16
311.050.011	18 Style WC TIG Torch with flex neck and plug, 4m	156.86
311.050.012	18 Style WC TIG Torch with flex neck and plug, 8m	187.22

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23S
I efficiency	12.3A

Open Circuit Voltage	71V
Warranty Period	3 Years

Features	Benefits
Thermal Overload Protection	Alerts the operator if duty cycle is exceeded or fan is blocked with indicator
Excellent Performance	Embedded microprocessor with digital controls, delivering perfectly smooth, stable arc characteristics for low hydrogen electrodes
Automatic Down Slope Control	Pulse, repeat, (latch) function, memory function and automatic gas management
Lift-Start TIG	Provides TIG arc starting without use of high frequency
HF Arc Starting	Provides non-contact arc starting that eliminates tungsten or material contamination
Remote Receptacle Fitted	Allows remote devices to be connected for controlling amperage & output contactor
Intelligent Heat Sensing Fan	Operates as needed to cool components & reduce airborne contaminants
Robust Case	Crash proof upto 60cm, with protection at 9 individual crash points



- 1 - Remote Control indicator light
- 2 - BACK Welding Parameter Button
- 3 - Amps indicator light
- 4 - VRD (Voltage Reduction Device) indicator light
- 5 - Digital Ammeter / Parameter Codes
- 6 - Seconds indicator light
- 7 - Welding Type Button
- 8 - Indicator Panel
- 9 - Multi Function Control
- 10 - Trigger Latch
- 11 - Tiptronic indicator light
- 12 - Spot indicator light
- 13 - Pulse indicator light
- 14 - MMA indicator light
- 15 - Welding Mode Button
- 16 - Digital Voltmeter / Parameter meter
- 17 - FORWARD Welding Parameter Button

TWECO

AN ESAB® BRAND

TIG (GTAW) INVERTER

TWECO ARCMaster 220 AC/DC

1 ph 230V Input, 220A TIG Inverter with HF TIG, Lift TIG, Stick, Hot Start.



Processes: STICK / LIFT TIG / HF TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1009305	40% @ 220A	5-220A	326 x 185 x 483 mm	13.4 kg

Part No.	Description	List Price £
W1009305	Tweco Arcmaster 220 AC/DC Inverter power supply with manual, primary cable and TIG plug.	3,962.00

OPTIONS AND ACCESSORIES

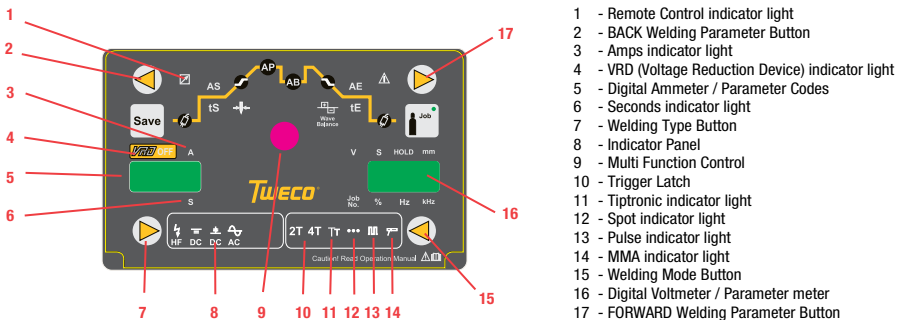
10-4016	Remote Foot Control 7.6m lead and plug	329.33
10-4014	Remote Hand Pendant with 7.6m lead & plug	402.53
10-9811	Plug for Remote / TIG Torch	28.18
W4010003	2 Wheel Arcmaster Trolley	587.00
W4013601	TIG Torch, 26, 3m with remote current control & 8 pin plug	158.08
310.090.011	26 Style TIG Torch with plug, 4m	121.44
310.090.012	26 Style TIG Torch with plug, 8m	151.80
310.090.013	26 Style TIG Torch with flex neck and plug, 4m	126.50
310.090.014	26 Style TIG Torch with flex neck and plug, 8m	156.86

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23S
l efficiency	14.7A

Open Circuit Voltage	72V
Warranty Period	3 Years

Features	Benefits
Thermal Overload Protection	Alerts the operator if duty cycle is exceeded or fan is blocked with indicator
Excellent Performance	Embedded microprocessor with digital controls, delivering perfectly smooth, stable arc characteristics for low hydrogen electrodes
Automatic Down Slope Control	Pulse, repeat, (latch) function, memory function and automatic gas management
Lift-Start TIG	Provides TIG arc starting without use of high frequency
HF Arc Starting	Provides non-contact arc starting that eliminates tungsten or material contamination
Remote Receptacle Fitted	Allows remote devices to be connected for controlling amperage & output contactor
Intelligent Heat Sensing Fan	Operates as needed to cool components & reduce airborne contaminants
Robust Case	Crash proof upto 60cm, with protection at 9 individual crash points





TIG (GTAW) INVERTER

TWECO ARCMaster 301 AC/DC

3 ph 400V Input TIG Inverter with HF TIG, Lift TIG, Stick.

Processes: STICK / LIFT TIG / HF TIG				
Part Number	Duty Cycle @ Rated Output	Output Range	Dimensions (HxWxD)	Weight
W1009405	30% @ 300A	5-300A	326 x 185 x 483 mm	16.3 kg

Part No.	Description	List Price £
W1009405	Tweco Arcmaster 301 AC/DC, manual, primary cable and TIG plug.	5,450.00

OPTIONS AND ACCESSORIES

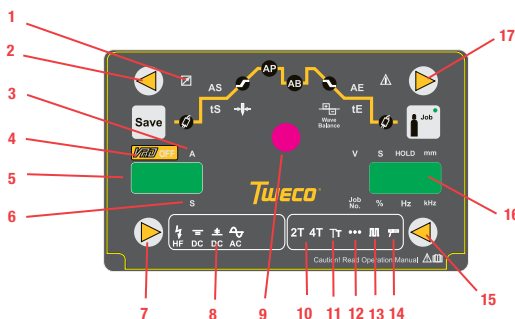
10-4016	Remote Foot Control 7.6m lead and plug	329.33
10-4014	Remote Hand Pendant with 7.6m lead & plug	402.53
10-9811	8 Pin Plug for remote / TIG Torch	28.18
W4001302	CU-6 Arcmaster Water-Cooling Unit	1397.00
W4001350	Water-Cooling Unit Cable Protector	91.00
W4010003	2 Wheel Arcmaster Trolley	587.00
7-3580	Torch Coolant, 3.8l	22.71
W4013601	TIG Torch, 26, 3m with remote current control & 8 pin plug	158.08
310.090.011	26 Style TIG Torch with plug, 4m	121.44
310.090.012	26 Style TIG Torch with plug, 8m	151.80
310.090.013	26 Style TIG Torch with flex neck and plug, 4m	126.50
310.090.014	26 Style TIG Torch with flex neck and plug, 8m	156.86
311.050.001	18 Style WC TIG Torch with plug, 4m	151.80
311.050.002	18 Style WC TIG Torch with plug, 8m	182.16
311.050.011	18 Style WC TIG Torch with flex neck and plug, 4m	156.86
311.050.012	18 Style WC TIG Torch with flex neck and plug, 8m	187.22

Specifications

Mains Input Voltage	3ph. 400V
Protection Factor	IP23S
Efficiency	11.6A

Open Circuit Voltage	72V
Warranty Period	3 Years

Features	Benefits
Thermal Overload Protection	Alerts the operator if duty cycle is exceeded or fan is blocked with indicator
Excellent Performance	Embedded microprocessor with digital controls, delivering perfectly smooth, stable arc characteristics for low hydrogen electrodes
Automatic Down Slope Control	Pulse, repeat, (latch) function, memory function and automatic gas management
Lift-Start TIG	Provides TIG arc starting without use of high frequency
HF Arc Starting	Provides non-contact arc starting that eliminates tungsten or material contamination
Remote Receptacle Fitted	Allows remote devices to be connected for controlling amperage & output contactor
Intelligent Heat Sensing Fan	Operates as needed to cool components & reduce airborne contaminants
Robust Case	Crash proof upto 60cm, with protection at 9 individual crash points



- 1 - Remote Control indicator light
- 2 - BACK Welding Parameter Button
- 3 - Amps indicator light
- 4 - VRD (Voltage Reduction Device) indicator light
- 5 - Digital Ammeter / Parameter Codes
- 6 - Seconds indicator light
- 7 - Welding Type Button
- 8 - Indicator Panel
- 9 - Multi Function Control
- 10 - Trigger Latch
- 11 - Tiptronic indicator light
- 12 - Spot indicator light
- 13 - Pulse indicator light
- 14 - MMA indicator light
- 15 - Welding Mode Button
- 16 - Digital Voltmeter / Parameter meter
- 17 - FORWARD Welding Parameter Button

TWECO[®]AN ESAB[®] BRAND**AIR-COOLED MIG GUNS****TWECO TWE AIR-COOLED MIG TORCHES**

Part No.	Description	List Price £
161.560.307	TWE4.3E, Tweco 400A MIG Gun, 3m (10ft)	167.62
161.560.407	TWE4.4E, Tweco 400A MIG Gun, 4m (12ft)	176.93
161.560.457	TWE4.45E, Tweco 400A MIG Gun, 4.5m (15ft)	184.69

**CLASSIC TWECO AIR-COOLED MIG TORCHES**

Part No.	Description	List Price £
X210-4045	Classic Tweco No. 2, 200A MIG Gun, 3m (10ft)	192.44
X212-4045	Classic Tweco No. 2, 200A MIG Gun, 4m (12ft)	203.30
X215-4045	Classic Tweco No. 2, 200A MIG Gun, 4.5m (15ft)	214.19
X410-3545	Classic Tweco No. 4, 400A MIG Gun, 3m (10ft)	239.00
X412-3545	Classic Tweco No. 4, 400A MIG Gun, 4m (12ft)	254.52
X415-3545	Classic Tweco No. 4, 400A MIG Gun, 4.5m (15ft)	270.04

TWECO TWE & CLASSIC CONSUMABLES

Part No.	Description	Pack Quantity	
NOZZLES - CLASSIC NO.2 GUNS			
22-50	1/2" / 13mm Bore	2	3.31
22-62	5/8" / 16mm Bore	2	3.31
NOZZLES - TWE4 AND CLASSIC NO.4 GUNS			
24A-50	1/2" / 13mm Bore (adjustable)	2	3.42
24A-62	5/8" / 16mm Bore (adjustable)	2	3.42
23-50	1/2" / 13mm Bore (self insulated, screw-on)	2	11.42
23-62	5/8" / 16mm Bore (self insulated, screw-on)	2	11.42
CONTACT TIPS			
14-30	0.8mm - Standard	25	0.74
14-40	1.0mm - Standard	25	0.74
14-45	1.2mm - Standard	25	0.74
14-52	1.3mm - Standard	25	0.74
14-116	1.6mm - Standard	25	0.74
GAS DIFFUSERS			
52	Gas Diffuser (Classic No. 2 Guns)	5	5.34
54A	Gas Diffuser (TWE4 & Classic No. 4 Guns)	5	3.44
52FN	Gas Diffuser (Fixed Type Nozzles)	5	6.06
CONDUIT LINERS - CLASSIC NO.2 GUNS			
42-3035-15	15ft Steel Liner, 0.8mm wire		16.01
42-4045-15	15ft Steel Liner, 1.0 / 1.2mm wire		16.01
CONDUIT LINERS - TWE4 AND CLASSIC NO.4 GUNS			
44-3545-15	15ft Steel Liner, 1.0 / 1.2mm wire		16.42
44-116-15	15ft Steel Liner, 1.2 / 1.6mm wire		16.42

TWECO FUSION AIR COOLED MIG TORCHES



TWECO FUSION MIG GUNS

Part No.	Description	List Price £
F180X-10-3035	Fusion 180 MIG Gun, 3m	91.34
F180X-12-3035	Fusion 180 MIG Gun, 4m	95.53
F220X-10-3035	Fusion 220 MIG Gun, 3m	99.68
F220X-12-3035	Fusion 220 MIG Gun, 4m	105.57
F220X-15-3035	Fusion 220 MIG Gun, 4.5m	114.16
FV210-X-3545	Fusion 250 MIG Gun, 3m	138.09
FV212-X-3545	Fusion 250 MIG Gun, 4m	146.00
FV215-X-3545	Fusion 250 MIG Gun, 4.5m	157.86

VELOCITY NOZZLES

		Pack Quantity	
VNS-50F	12.7 mm bore, flush	2	5.96
VNS-50	12.7 mm bore	2	6.07
VNS-37F	9.5 mm bore, flush	2	5.96
VNS-37	9.5 mm bore	2	6.07
VNS-62F	15.9 mm bore, flush	2	5.96
VNS-62	15.9 mm bore	2	6.07
VNS-75FAS	19.5 mm bore, Spot Weld	2	7.03

VELOCITY CONTACT TIPS

VTS-23	0.6mm Wire	10	0.57
VTS-30	0.8mm Wire	10	0.56
VTS-35	0.9mm Wire	10	0.55
VTS-40	1.0mm Wire	10	0.60
VTS-45	1.2mm Wire	10	0.56
VTSA-364	1.2mm Wire, AL	10	0.57
VTS-52	1.3mm Wire	10	0.57
VTS-116	1.6mm Wire	10	0.57
VTSA-116	1.6mm Wire, AL	10	0.53
VTS-564	2.0mm Wire	10	0.57

CONDUIT LINERS

Part No.	Description	List Price £
42-3035-15	15ft Steel Liner, 0.8mm wire	16.01
42-4045-15	15ft Steel Liner, 1.0 / 1.2mm wire	16.01
44-116-15	15ft Steel Liner, 1.2 / 1.6mm wire	16.42

TWECO[®]AN ESAB[®] BRAND**DIGITAL TORCHES - DSA.40****AIR COOLED**

Part No.	Description	List Price £
161.628.307	TWECO DSA MIG Digital Air Cooled Torch 400A 3m	336.44
161.628.407	TWECO DSA MIG Digital Air Cooled Torch 400A 4m	371.24
ML3600PM	Push Pull Torch 8m Air Cooled	2,380.40

This torch includes all boards and sockets required to fit to Thermal Arc Powermaster SP machines

Standard Consumables

Conductor Tube		Pack Quantity	
116103510	Conductor Tube with Insulator		19.21
Nozzles			
23-50	Insulated Fixed Nozzle 12.7mm	2	11.42
23-62	Insulated Fixed Nozzle 15.9mm (<i>fitted as standard</i>)	2	11.42
23-75	Insulated Fixed Nozzle 19.1mm	2	11.42
Contact Tips			
14H-35	Contact Tip 0.8mm	25	1.05
14H-40X	Contact Tip 1.0mm	25	1.05
14H-45X	Contact Tip 1.2mm	25	1.05
14H-52X	Contact Tip 1.3mm (<i>fitted as standard</i>)	25	1.05
14H-116X	Contact Tip 1.6mm	25	1.05
Diffusers			
54A	Gas Diffuser	5	3.44
Liners			
134090402	4m Liner for all wires 1.2-1.6mm Carbo (<i>supplied as standard</i>)		13.52
S129.5.44.115	Liner Guide, 115mm		8.07

DIGITAL TORCHES - DSW.300 / DSW 450



WATER COOLED

Part No.	Description	List Price £
160.610.307	TWECO DSW MIG Digital Water Cooled Torch 300A 3m	444.34
160.610.407	TWECO DSW MIG Digital Water Cooled Torch 300A 4m	483.78
160.620.307	TWECO DSW MIG Digital Water Cooled Torch 500A 3m	524.39
160.620.407	TWECO DSW MIG Digital Water Cooled Torch 500A 4m	574.28
MW5400PM	Push Pull Torch 8m Water Cooled	3,260.06
<i>This torch includes all boards and sockets required to fit to Thermal Arc Powermaster SP machines</i>		

Standard Consumables

Conductor Tube

SW63-50	Conductor Tube Assembly (300A)	102.69
116116104	Conductor Tube Assembly (500A)	94.44

Nozzles

		Pack Quantity	
300A			
SW23-15	15mm Nozzle (<i>fitted as standard</i>)	2	9.17
SW23-12	12mm Nozzle	2	12.22
SW23-18	18mm Nozzle	2	9.17
500A			
SW24-17	Nozzle (500A) (<i>fitted as standard</i>)	2	12.04
SW24-15	15mm Nozzle	2	12.04
SW24-21	21mm Nozzle	2	9.48

Contact Tips

300A			
14H-35	Contact Tip 0.8mm	25	1.05
14H-40X	Contact Tip 1.0mm	25	1.05
14H-45X	Contact Tip 1.2mm	25	1.05
14H-52X	Contact Tip 1.3mm (<i>fitted as standard</i>)	25	1.05
500A			
16S-35	Contact Tip 0.8mm	25	1.44
16S-40	Contact Tip 1.0mm	25	1.44
16S-45	Contact Tip 1.2mm	25	1.44
16S-52	Contact Tip 1.3mm (<i>fitted as standard</i>)	25	1.44
16S-116	Contact Tip 1.6mm	25	1.44
16S-564	Contact Tip 2.0mm	25	1.44

Diffusers

SW53-14	Diffuser (300A)	5	6.52
SW54-16S	Diffuser (500A)	5	5.74

Liners

134090402	4m Liner for all wires 1.2-1.6mm Carbo (<i>supplied as standard</i>)	13.52
S129.5.44.115	Liner Guide, 115mm	8.07

TWECO

AN ESAB® BRAND

**NOW WITH
4 SENSORS**

AUTO-DARKENING WELDING HELMET



Part No.	Description	List Price £
WHDR41008	Tweco Auto-Darkening Welding Helmet - Dragon Design	88.00

REPLACEMENT HELMET PARTS

WH41001FL	Front Cover Lens	1.57
WH41001IL4	Inside Cover Lens	1.50
WH41001HB	Front Headband	3.31
WH41001HG	Headgear Assembly	16.42



Features

• Auto-Darkening	Automatically adjusts from light to dark and from dark to light
• Variable Shade	Welding shade levels from 9-13, adjustable based on the arc strength
• Lightweight	For improved operator comfort
• 4 Sensors	To respond rapidly to the welding arc
• Easy Process Changeover	From welding to grinding
• Delay Time Switch	Long/Medium/Short delay
• Solar-Powered	No need to worry about changing batteries
• Backed by Tweco Support	Quality, reliability, and a 2-year warranty

Generator Information

All our inverters are generator-friendly

One of the main fears when selling any inverter is its reliability when used with a generator. Some inverters are very susceptible to input voltage fluctuations.

Tweco, Thermal Arc, & Thermal Dynamics® inverter-based systems have in-built protection to guard against any such fluctuations and minimise damage due to under or over voltage conditions.

What Size of Generator do I Need?

The KVA rating of the machine is the main factor to consider. However, it is important to remember that the input voltage can be affected by load changes during arc striking particularly when using rods which require a high open circuit voltage in order to initiate the arc.

With the above in mind, listed on the next page are the input current ratings and equivalent KVA rating for our machines.

If you wish to run these machines on extension leads you must ensure that you use the correct rated cables and mains plugs. As a guiding principle the kVA rating of a generator should be 1/3 higher than the rated load it is to supply. Please see next page for more detailed information for specific machines.



Part No.	Power Source	Input Voltage	Input Current (I efficiency)	Max rated kVA input
W1003605	161S	110V/230V	17.8/14.7A	4/5.5 kVA
W1002903	175SE	230V	17A	10 kVA
W1003003	175TE	230V	17.9A	10 kVA
W1003803	201TS	110V/230V	20A / 16A	5kVA /8 kVA
W1009405	301TS	400V	12.3A	16 kVA
W1006306	202AC/DC	230V	15.5A	8 kVA
W1009305	220AC/DC	230V	14.7A	7.5 kVA
W1009205	301AC/DC	400V	11.6A	16 kVA
FAB320C / FAB320S	FAB320C / FAB320S	400V	10.8A	14.8 kVA
FAB400S	FAB400S	400V	13.7A	16.7 kVA
FAB500S	FAB500S	400V	22.5A	28.5 kVA
W1003186	Fabricator 181i	230V	16.6A	9 kVA
W1004207	Fabricator 211i	110V/230V	19.6A / 15A	4.5kVA / 8.5kVA
W1004408	Fabricator 252i	230V*	16A / 23.4A	6.5kVA / 8.5kVA
W1000103PP	Powermaster 320SP	400V	14A	20 kVA
W1000303PP / W1000203PP	Powermaster 400SP	400V	20A	25 kVA
W1000503PP	Powermaster 500SP	400V	29A	30 kVA
1-3835-4	Drag-Gun Plus	230V	18A	8.3 kVA
1-4200-4	Cutmaster 12+	110V/230V	16.3A/13.5A	5.6/8.5 kVA
1-5130-4	Cutmaster 12	400V	8A	5.3 kVA
1-1130-4	Cutmaster 20	400V	11A	11 kVA
1-1330-4	Cutmaster 25	400V	12A	11.8 kVA
1-1730-4	Cutmaster 35	400V	24A	18.7 kVA
1-1930-4	Cutmaster 40	400V	31A	23.6 kVA
1-2251	PAK-200i	400V	57A	39 kVA

* The Fab 252i has a dual output which depends on mains / mains cable size

Slow blow fuses or Motor rated circuit breakers are recommended for the above machines. Recommended Generators KVA ratings MUST be adhered to minimise the welding power source's possible failure as a result of inadequate mains power at the equipments MAXIMUM input current draw at and MAXIMUM rated output at MAXIMUM duty cycle.

Warranty will be void if the welding power source fails as a result of being operated on inadequate mains power.

Calculating kVA (Kilovolt-Amperes) ratings.

1. Single Phase **Kilovolt-Amperes (kVA) = $\frac{\text{Volts} \times \text{Amperes}}{1000}$**
2. Three Phase **Kilovolt-Amperes (kVA) = $\frac{\text{Volts} \times \text{Amperes} \times 1.73}{1000}$**

Warranty

Victor Technologies™ guarantees the proposed product to be free from defects in material or workmanship when operated in accordance with the written instructions as defined in the owner's manual supplied with the machine. Victor Technologies™ welding products are manufactured for use by commercial and industrial users and trained personnel with experience in the use and maintenance of electrical welding and cutting equipment.

Victor Technologies™ warranty will not apply to:

1. Equipment that has been modified by any other party other than Victor Technologies™ own service personnel or with prior written consent obtained from Victor Technologies™ Technical department (UK).
2. Equipment that has been used beyond the specifications established in the owners manual.
3. Installation not in accordance with the installation/service manual.
4. Failure to clean and maintain the machine as set forth in the owner, installation or service manual.

If warranty is being sought, please contact Victor Technologies™ Technical department for a warranty authorisation returns form.

WELDING EQUIPMENT - Limited Warranty Period	
Product	Period
Tweco 220AC/DC, 301AC/DC, 301TS Thermal Arc PowerMaster Plus 320SP, 400SP, 500SP,	3 Years
202AC/DC, Fabricator 181i, 211i, 252i, Fabricator 320C, 320S, 400S, 500S, 175SE, 175TE, 161S, 201TS	2 Years
Options and Accessories	6 Months
Repair and Replacement Parts	3 Months
Torch Consumables	None

CUTTING EQUIPMENT - Limited Warranty Period	
Product	Period
Cutmaster Series	3 Years
Drag-Gun Plus, PAK-200i	2 Years
1Torch™, SureLoK™ Torches and PCH/M-200	1 Year
Other Torches	6 Months
Repair Parts	3 Months
Torch Consumables	None

GAS EQUIPMENT - Limited Warranty Period	
Product	Period
Edge™ and G Series Regulators, 400 Series, HD313, HC1200 Series and Bulldog Torches	5 Years
High Pressure and High Flow Regulators, Lightweight Torch	1 Year
Torch Consumables	None

Terms and Conditions

- Validity:** These terms and conditions apply only to orders placed with Victor Technologies Ltd. in Chorley, UK. Terms and conditions subject to change without notice.
- Effective Date:** These current list prices supersede all other price lists. All deliveries will be priced as per this list.
- Currencies:** All prices are quoted in Pounds Sterling.
- Discounts:** All prices quoted are list prices to which standard distributor discounts will be applied.
- Delivery Terms:** UK Deliveries - Prices are Freight Paid to UK mainland destination. Export Deliveries - Prices are Ex Works, Chorley, UK.
- Order Value:** All orders are subject to our minimum order value of £150.
- Product Details:** We have a full range of technical literature available on request.

GENERAL INFORMATION

PRODUCT DISCOUNT CATEGORIES - INDUSTRIAL PRODUCTS

WELDING AND CUTTING EQUIPMENT

- I1** Welding Equipment, Options and Accessories
- I2** PowerMaster Range of Welding Equipment and Accessories
- I5** PowerMaster - Robotic Synergic MIG
- H1** Manual Plasma Cutting Systems, Options and Accessories
- H1P** PAK-200i Systems
- D1** CutSkill Plasma Cutting Systems
- F6** Tweco Watercooler and Repair Parts

REPAIR PARTS

- I4** Welding Repair Parts
- H4** Plasma Repair Parts

SAFETY ACCESSORIES

- F8** Helmets

GAS EQUIPMENT

- A1** Victor Kits, Regulators, Torches, Repair Parts
- A2** Victor branded Tips and Nozzles
- A3** Victor gas equipment range Europe
- A4** Victor gas equipment range Germany / Benelux
- C1** CutSkill Gas Torches and Regulators
- C2** CutSkill Tips and Nozzles

TORCHES AND TORCH PARTS

- F1** Tweco MIG Guns
- F2** Tweco MIG Consumables and Parts
- F4** Tweco MMA Accessories
- E1** "WS" WeldSkill Consumable Parts
- G2** Arcair Systems, torches, Accessories and Parts
- G3** Arcair Slice and Underwater Electrodes
- G6** Arcair Gouging Electrodes
- G7** Arcair branded Chemicals
- H2** Manual Plasma Torches, Parts and Accessories
- R1** OCIM TIG Torches
- R2** OCIM TIG Consumables and Torch Parts
- R3** Ocim MIG Digital Torches and Consumables
- R4** Flex Neck Torches and Parts
- R5** Ocim MIG TWE Torches
- R6** Ocim MIG Torches, consumables and Torch Parts

PRODUCT DISCOUNT CATEGORIES - AUTOMATION PRODUCTS

PLASMA CUTTING

- J1** Thermal Dynamics® Automation Systems and Components
- J2** Thermal Dynamics® Automation Consumable Parts
- J3** Automation Repair Parts
- J4U** Ultra-Cut XT Systems and components
- J4A** Auto-Cut XT Systems and components
- J4** Ultra-Cut / Auto-Cut XT components
- J5** XT /XT-301 Torches Style 2 (22- & 36-)
- J6** XT /XT-301 Consumables Style 2 (22- & 36-)
- J7** XT /XT-301 Torches Style 1 (21- & 35-)
- J8** XT /XT-301 Consumables Style 1 (21- & 35-)
- J9** CNC Systems and components
- J10** CNC repair parts

PLASMA WELDING

- I6** Plasma Welding Systems + Accessories
- I7** Plasma Welding Torches, Leads and Consumables
- MIG / TIG TORCHES**
- K1** Automation/Robotics MIG/TIG Torches, Parts, Accessories

Prices are subject to change and amendment without notice and to our normal terms and conditions of sale

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