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Stealth Tig Inverters

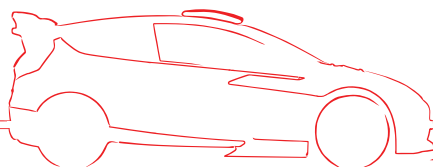
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Part No. 9325

MIG 150 TURBO

Features

- Portable welding machine
- Suitable for hobby and workshop use
- Forced air cooling
- Accepts 0.45 and 5.0 kg wire reels
- 0.6-0.8mm welding wire diameter
- Thermal protection with warning light
- Flux cored wire compatible
- Replacement torch – Part No. 932570
- Regulator not included



Mains connection	240V
Fuse	16A
Welding Current	30-150A
Voltage steps	4
Duty Cycle	100% @ 30A 60% @ 50A 15% @ 105A
Welding wire diameter	0.6-0.8mm
Overall dimensions	430 x 270 x 345mm
Weight	26.2kg

Part No. 9326

MIG 170 TURBO

Features

- Suitable for automotive/workshop use
- Stable output by large capacity filter
- Gas test feature
- Thermal protection with warning light
- Robust front and rear wheels



Part No. 9327

MIG 180 TURBO

- Forced air cooling
- Accepts 5 or full 15kg wire reels
- 0.6-0.8mm welding wire diameter
- Euro professional welding torch connector
- Flux cored wire compatible
- Supplied with ECO15-3 torch and 2068 regulator

Part No. 9328

MIG 210 TURBO

Part No. 9335

MIG 170C

Features

- Copper wound transformer and choke
- Forced air cooling
- Braked wire spool holder
- Accepts 0.45 and 5kg wire reels
- Stable arc
- Soft arc technology
- Euro fitting as standard
- Supplied with M15-3 torch and 2068 regulator
- Flux cored wire compatible

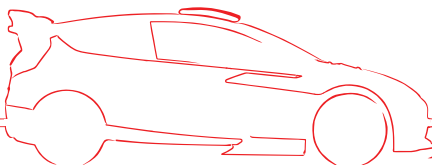


	MIG 170 TURBO	MIG 180 TURBO	MIG 210 TURBO
Mains connection	230/240V	230/240V	230/240V
Minimum fuse rating	20A	20A	32A
Welding current	25-170A	30-180A	30-210A
Voltage steps	4	4	4
Duty cycle	100% @ 50A 60% @ 70A 15% @ 140A	100% @ 70A 60% @ 90A 15% @ 180A	100% @ 80A 60% @ 105A 15% @ 210A
Welding wire diameter	0.6-0.8mm	0.6-0.8mm	0.6-0.8mm
Overall dimensions	800 x 460 x 686mm	800 x 460 x 686mm	800 x 460 x 686mm
Weight	40kg	42kg	44kg

Mains connection	1-230V
Minimum fuse rating	16A
Welding current	30-170A
Voltage steps	6
Duty cycle	100% @ 65A 60% @ 80A 30% @ 125A
Welding wire diameter	0.6-0.8mm
Overall dimensions	430 x 250 x 300mm
Weight	25kg



EN 60974/1

**REDLINE**

Part No. 8002

MIG 280/4 TURBO**4-Roll Compact**

Powerful, single phase, compact machine supplied with 4-roll drive feed system. Ideal for light to medium fabrication.

**CAPITAL
PLANT****Features**

- Robust motor and gearbox
- Digital amp and voltmeter
- Low spatter transformer design
- Spot and stitch timer
- Slope down for crater fill
- Fan cooled for efficiency
- Will support full size gas cylinder
- ECO25-3 torch and 2068 regulator included
- 16 Steps
- Supplied with 0.6-0.8mm and 1.0-1.2mm guide rollers



- 4-roll wire feeder

Mains connection	1-230V 50/60HZ
Minimum fuse rating	32A
Welding current	40-280A
Voltage steps	16
No load voltage	40V (max)
Protection	IP21
Output current	200A
Welding voltage range	16-24V

KVA	7.6
Duty cycle	100% @ 130A 40% @ 200A
Insulation class	F
Spool size	5-15kg
Welding wire diameter	0.6-1.2mm
Overall dimensions	765 x 345 x 730mm
Weight	60kg

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Part No. 9346

PROLINE MIG 181

Features

- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Accepts 5 or full 15kg wire reels
- Robust front and rear wheels
- Euro professional welding torch
- Robust steel feed mechanism
- Excellent for thin steel
- Stainless Steel and MIG brazing capabilities
- Spot weld timer
- Soft arc technology
- M15-3 torch and 2068 regulator included
- 2-roll wire feed



Mains connection	1-230V
Minimum fuse rating	16A
Welding Current	40-165A
Voltage steps	6
Duty Cycle	100% @ 60A 60% @ 90A 20% @ 165A
Welding wire diameter	0.6-0.8mm
Overall dimensions	830 x 302 x 780mm
Weight	56kg

Part No. 9348

PROLINE MIG 220

Part No. 9355

PROLINE MIG 241

The MIG 220 and MIG 241 are versatile and robust single phase welding machines ideally suited to light or medium fabrication. On maximum power and maximum duty cycle the MIG 220 consumes only 5kVA – requiring only a 16A fuse and can be used on site from a 6kVA generator. The MIG 241 consumes only 7.8kVA and requires only a 20A fuse and can be used in the field from a 8kVA generator. Variable speed four roll wire feed is achieved through all-geared drive system, minimising the risk of wire slip to create uniform welds.

MIG 220 & MIG 241 features

- Large cabinets can accept full height gas cylinder
- Heavy duty front and rear wheels for increased stability
- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Double support straps for gas cylinder
- Infinitely variable wire speed
- Spot weld timer
- Soft arc technology
- M25-3 torch and 2068 regulator included
- All geared 4-roll metal cast feed system
- Digital volt and amp meter
- Torch holder included

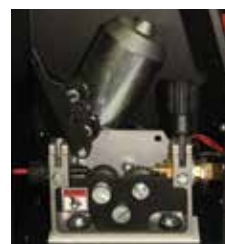
Mains connection	1-230V
Minimum fuse rating	16A
Welding current	30-220A
Voltage steps	12
Duty cycle	100% @ 70A 60% @ 100A 20% @ 190A
Welding wire diameter	0.6-0.8mm
Overall dimensions	830 x 302 x 780mm
Weight	58kg



MIG 241 additional features

- Latch facility
- Burnback control
- Gas purge

Mains connection	1-230V
Minimum fuse rating	20A
Welding current	30-240A
Voltage steps	6
Duty cycle	100% @ 100A 60% @ 140A 35% @ 200A
Welding wire diameter	0.6-1.0mm
Overall dimensions	830 x 302 x 780mm
Weight	61kg



• 4-roll wire feeder



Part No. 9365

PROLINE MIG 271

The MIG 271 and MIG 311 4-Roll Compacts are versatile and robust single phase welding machines ideally suited to light, medium and heavy fabrication.

On maximum power and maximum duty cycle the MIG 271 consumes only 8.8kVA – requiring only a 25A fuse and can be used in the field from a 10kVA generator.

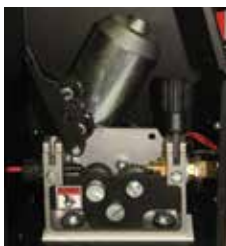
The MIG 311 consumes only 12kVA and requires only a 35A fuse and can be used in the field from a 15kVA generator.

Variable speed four roll wire feed is achieved through all-geared drive system minimising the risk of wire slip to create uniform welds.

The units are also suitable for use with spool-on or push-pull guns, which allow for increased work radius up to 8 metres. Both machines have the ability to take larger diameter wire than lower power units, offering thicker plate welding.

MIG 271 & MIG 311 features

- Large cabinets can accept full height gas cylinder
- Heavy duty front and rear wheels for increased stability
- Digital volt and amp meter
- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Heavy duty front and rear wheels
- All geared 4-roll feed system
- Double support straps for gas cylinder
- Infinitely variable wire speed
- Spot weld timer
- Latch facility
- Burnback control
- Gas purge
- Soft arc technology
- M25-3 torch and 2068 regulator included



- 4-roll wire feeder



Mains connection	1-230V
Minimum fuse rating	25A
Welding current	40-270A
Voltage steps	12
Duty cycle	100% @ 135A
	60% @ 160A
	40% @ 250A
Welding wire diameter	0.8-1.2mm
Overall dimensions	830 x 302 x 780mm
Weight	68kg



- Torch holder included

Part No. 9375

PROLINE MIG 311

Mains connection	1-230V
Minimum fuse rating	35A
Welding current	30-310A
Voltage steps	16
Duty cycle	100% @ 160A
	60% @ 210A
	40% @ 300A
Welding wire diameter	0.8-1.2mm
Overall dimensions	830 x 302 x 780mm
Weight	100kg



Part No. 9376

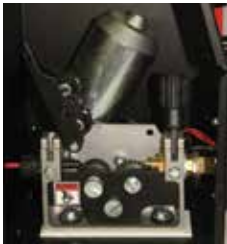
PROLINE MIG 311S + WF400
Single Phase + Separate Wire Feeder

The MIG 311S + WF400 is a versatile and robust single phase machine with a separate wire feed unit, ideally suited to automotive and light to medium industrial applications in the workshop or on site. On maximum power and maximum duty cycle, the MIG 311S consumes only 12kVA, requiring only a 35A fuse and can be used in the field from a 15kVA generator. Its full size cabinet can accept a full height gas cylinder and the large diameter wheels mean it can be moved from job to job with little risk of toppling.

The separate 4-roll wire feed unit (the WF400) features an all-gear drive system, minimising the risk of wire slip to create uniform welds. In addition, with the 5 metre interconnection and 4 metre welding torch, the unit offers a working radius of up to 9 metres.

The MIG 311S + WF400 has the ability to take larger diameter wire than lower power units, offering thicker plate welding and feature 16 switch settings to allow for fine tuning of the output power.

- MIG 311S + WF400 features**
- Copper wound transformer and choke
 - Forced air fan cooling
 - Digital volt and amp meter
 - Overload warning indicator
 - Heavy duty front and rear wheels
 - All geared 4-roll feed system
 - Double support straps for gas cylinder
 - Infinitely variable wire speed
 - Spot weld timer
 - Latch facility
 - Burnback control
 - Gas purge
 - Inch button
 - Soft arc technology
 - M25-3 torch and 2068 regulator included
 - Optional mounting post and wheels available for wire feed unit
 - W111440 – Spare 5mtr interconnection cable assembly



• 4-roll wire feeder

MIG 311S

Mains connection	1-230V
Minimum fuse rating	35A
Welding current	30-310A
Voltage steps	16
Duty cycle	100% @ 160A
	60% @ 210A
	40% @ 300A
OCV	15.8-37.9V
Overall dimensions	800 x 492 x 840mm
Weight	100kg

WF400

Power max	60W
Input voltage	42V AC
Wire speed	1-20m/min
Welding wire diameter	0.6-1.6mm
Overall dimensions	600 x 330 x 420mm
Weight	20kg



Part No. 9377

PROLINE MIG 411S + WF500/4

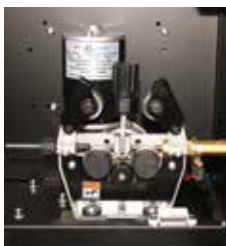
Single Phase + Separate Wire Feeder

The MIG 411S + WF500/4 is a versatile and robust single phase machine, ideally suited to medium or heavy fabrication. On maximum power and maximum duty cycle it consumes only 13.6kVA, requiring only a 50A fuse and can be used in the field from a 15kVA generator. Additionally, at 100% duty cycle, the output power is 300A, making this one of the highest power single phase machines on the market. Its large cabinet can accept a full height gas cylinder and with large diameter wheels it can be moved from job to job with minimal risk of toppling. A separate 4-roll wire feed unit (the WF500/4) features an all-gear driven system to minimise the risk of wire slip and to create uniform welds. A 5 metre interconnection and 4 metre welding torch, offers a working radius of 9 metres. The unit is also suitable for use with spool-on or push-pull guns, allowing increased work radius up to 13 metres.

The WF500/4's ability to take larger diameter wire (2.4 mm) means it can handle up to 500A, allowing for welding some materials greater than 25mm. In addition, 16 switch settings and digital amp and volt meters allow for fine tuning of the output power.

MIG 411S + WF500/4 features

- Lifting eye bolts
- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Heavy duty front and rear wheels
- All geared 4-roll feed system
- Cylinder support straps for gas cylinder
- Infinitely variable wire speed
- Spot weld timer
- Latch facility
- Burnback control
- Gas purge
- Inch button
- 5m interconnection
- Soft arc technology
- Digital volt and amp meter
- M36-3 torch and 2068 regulator included
- Optional mounting post and wheels available for wire feed unit
- W111443 – Spare 5mtr interconnection cable assembly



• 4-roll wire feeder

MIG 411S

Mains connection	1-230V
Minimum fuse rating	50A
Welding current	30-400A
Voltage steps	16
Duty cycle	100% @ 290A 60% @ 340A 35% @ 400A
OCV	17-44V
Overall dimensions	920 x 500 x 780mm
Weight	170kg

WF500/4

Power max	110W
Input voltage	42V AC
Wire speed	22m/min
Welding wire diameter	0.8-2.4mm
Overall dimensions	570 x 215 x 420mm
Weight	19kg

Part No. 9390

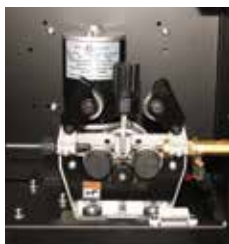
PROLINE MIG 325

Three Phase Compact

The MIG 325 is a robust and power-efficient three phase machine for spot and stitch welding. It is ideally suited to medium to heavy fabrication and requires only a 16A fuse. Its full size cabinet can accept a full height gas cylinder and with large diameter wheels, it can be moved from job to job with little risk of toppling.

MIG 325 features

- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Heavy duty front and rear wheels
- All geared 4-roll feed system
- Cylinder support straps for gas cylinder
- Infinitely variable wire speed
- Spot weld timer
- Burnback control
- Stitch Welding
- Soft arc technology
- Digital volt and amp meter
- M36-3 torch and 2068 regulator included
- Torch holder



• 4-roll wire feeder



• Torch holder

MIG 325

Mains connection	3-415V
Minimum fuse rating	16A
Welding current	30-325A
Voltage steps	10
Duty cycle	100% @ 160A 60% @ 200A 35% @ 325A
Welding wire diameter	0.6-1.2mm
Overall dimensions	880 x 410 x 720mm
Weight	83kg



Part No. 9393

PROLINE MIG 300S + WF400

Three Phase + Separate Wire Feeder

The MIG 300S + WF400 is a robust and power-efficient three phase machine.

It is ideally suited to medium to heavy fabrication and requires only a 16A fuse. A full size cabinet can accept a full height gas cylinder and large diameter wheels means it can be moved from job to job with little risk of toppling.

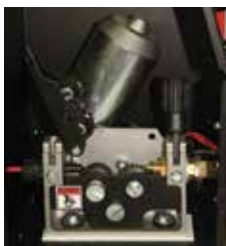
The WF400 features SWP's renowned 4-roll wire feed and all-gear drive system, minimising the risk of wire slip and so creating uniform welds.

With its 5 metre interconnection and 4 metre welding torch, a work radius of 9 metres is easily achieved.

The unit is also suitable for use with spool on-gun or push-pull gun, allowing for increased work radius for up to 13 metres.

MIG 300S + WF400 features

- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Heavy duty front and rear wheels
- All geared 4-roll feed system
- Cylinder support straps for gas cylinder
- Infinitely variable wire speed
- Spot weld timer
- Burnback control
- Stitch welding
- Soft arc technology
- Digital volt and amp meter
- M36-3 torch and 2068 regulator included
- Optional mounting post and wheels available for wire feed unit
- W111440 – Spare 5mtr interconnection cable assembly



- 4-roll wire feeder

MIG 300S

Mains connection	3-415V / 50Hz
Minimum fuse rating	16A
Welding current	30-300A
Voltage steps	10
Duty cycle	100% @ 160A
	60% @ 200A
	35% @ 300A
Overall dimensions	880 x 410 x 720mm
Weight	98kg

WF400

Power max	60W
Input voltage	42V AC
Wire speed	1-20m/min
Welding wire diameter	0.6-1.6mm
Overall dimensions	600 x 330 x 420mm
Weight	20kg

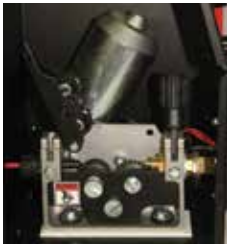


Part No. 9394

PROLINE MIG 420S + WF400
Three Phase + Separate Wire Feeder

The MIG 420S + WF400 is a robust three phase machine ideally suited to medium to heavy fabrication and requires only a 20A fuse. Its full size cabinet can accept a full height gas cylinder and its large diameter wheels means it can be moved from job to job with little risk of toppling. The WF400 features SWP renowned all-gearred drive system, thus minimising the risk of wire slip and making welds uniform. Further, with its 5 metre interconnection and 4 metre welding torch, this gives a working radius of 9 metres. The unit is also suitable for use with spool-on gun or push-pull gun, for increased work radius up to 13 metres. The MIG 420S + WF400's ability to take larger diameter wire than lower power units in the range means it can weld thicker plate, and its 21 switch settings allows for fine tuning of the output power.

- MIG 420S + WF400 features**
- Copper wound transformer and choke
 - Forced air fan cooling
 - Overload warning indicator
 - Heavy duty front and rear wheels
 - All geared 4-roll feed system
 - Cylinder support chain
 - Infinitely variable wire speed
 - Spot weld timer
 - Burnback control
 - Stitch welding
 - Soft arc technology
 - Digital volt and amp meter
 - M36-3 torch and 2068 regulator included
 - Optional mounting post and wheels available for wire feed unit
 - W111443 – Spare 5mtr interconnection cable assembly



• 4-roll wire feeder

MIG 420S	
Mains connection	3-415V
Minimum fuse rating	20A
Welding current	40-420A
Voltage steps	21
Duty cycle	100% @ 310A
	60% @ 320A
	35% @ 420A
Overall dimensions	880 x 410 x 720mm
Weight	120kg

WF400	
Power max	60W
Input voltage	42V
Wire speed	1-20m/min
Welding wire diameter	0.6-1.6mm
Overall dimensions	600 x 330 x 420mm
Weight	20kg



Part No. 9400

PROLINE MIG 450S + WF500/4

Three Phase + Separate Wire Feeder

The MIG 450S + WF500/4 is one of SWP's flagship products and offers second-to-none levels of performance for heavy fabrication work. It is a robust three phase machine and only requires a 25A fuse. Its full size cabinet can accept a full height gas cylinder and its large diameter wheels means it can be moved from job to job with little risk of toppling.

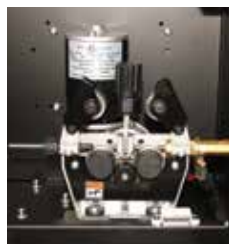
The WF500/4 features SWP's renowned all-g geared drive system, thus minimising the risk of wire slip and making welds uniform.

With its 5 metre interconnections and 4 metre welding torch, this gives a working radius of 9 metres. The unit is also suitable for use with spool or push-pull guns, to allow for increased work radius up to 13 metres.

The WF500/4's ability to take larger diameter wire (2.4mm) means it can handle up to 500A, allowing for welding most materials greater than 25mm. In addition, the MIG 450S's 30 switch settings and its digital Amp and Volt meter provides fine-tuning of the output power.

MIG 450S + WF500/4 features

- Lifting Eye Bolts
- Copper wound transformer and choke
- Forced air fan cooling
- Overload warning indicator
- Heavy duty front and rear wheels
- All geared cast feed systems
- Support strap for gas cylinder
- Infinitely variable wire speed
- Spot weld timer
- Latch facility
- Burnback control
- Gas purge
- Integral water cooling with pressure switch – optional extra
- Inch button
- Digital volt and amp meter
- Soft arc technology
- M36-3 torch and 2068 regulator included
- Optional mounting post and wheels available for wire feed unit
- W111443 – Spare 5mtr interconnection cable assembly



- 4-roll wire feeder

MIG 450S

Mains connection	3-415V
Minimum fuse rating	25A
Welding current	50-450A
Voltage steps	30
Duty cycle	100% @ 310A
	60% @ 420A
	35% @ 450A
Overall dimensions	920 x 500 x 780mm
Weight	168 kg

WF500/4

Power max	100W
Input voltage	42V AC
Wire speed	1-22m/min
Welding wire diameter	0.8-2.4mm
Overall dimensions	570 x 215 x 420mm
Weight	19kg

Part No. 9000H

DIGI-MIG 200

Multiprocess

Features

- Mig/Gasless, MMA and Lift Tig facility
- Will take 5kg spool size
- Stable current and excellent arc starting in MMA welding
- Burnback control
- Adjustable welding voltage offers excellent welding characteristics
- Supplied with EC52LD earth clamp and lead
- M15-3 torch and 2068 regulator included



Input
Voltage



Voltage
Reduction
Device



Spool
Gun
friendly



Generator
Friendly

Input power voltage (V)	230±10%
Frequency (Hz)	50/60
Maximum (KVA)	10.1
Effective input current (A)	27.8
Adjustment range of current (A)	40-200 (MIG/MAG) 10-200 (MMA/TIG)
Welding voltage range (V)	13.5-27
Maximum no-load voltage (V)	63
Rated duty cycle (40°C 10 min)	40% @ 200A 60% @ 165A 100% @ 130A
Protection class	Ip23
Efficiency (%)	85
Insulation class	H
Cooling	Air
Overall dimensions (mm)	511 x 213 x 400
Weight (kg)	15
Accessories included	3m Argon hose + Amphenol plug

ACCESSORY KIT

Part No. 9821H

Air Cooled TIG Package consisting of:

- WP17-12SZ Torch
- WP17AK Accessory Kit
- D3595-1-1 TIG Adaptor
- EC32LD Earth Lead 3 mtr
- EH32LD Electrode Lead 3 mtr



Part No. 9010H

DIGI-TIG 180DC PULSE PFC MV 110/230 Volts

Features

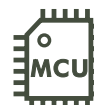
- Tig/MMA functions
- Full digital control panel
- Slope in / Slope out
- 2T - 4T trigger function
- 0.5 - 200 pulse frequency



Carry Case
Supplied



Optional
Potentiometer
remote control
torch



MCU
control
system



DC
pulse



Optional
foot
control



Optional
Up/Down
remote control
torch



Input
Voltage



Power
Factor
Correction



Generator
friendly

Input power voltage	110±10%		230±10%	
	TIG	MMA	TIG	MMA
Effective input current (A)	10.2	18.1	10.1	13.3
Maximum (KVA)	3.6		5.4	
Input voltage frequency (Hz)	50/60			
No load voltage (V)	65			
Welding current adjustment range (A)	5-110		5-180	
Rated duty cycle (40°C 10 min)	35% @	30% @	35% @	25% @
	110A	110A	180A	180A
	60% @	60% @	60% @	60% @
	85A	80A	140A	120A
	100% @	100% @	100% @	100% @
	65A	65A	110A	100A
Protection class	Ip23			
Insulation class	H			
Up slope/Down slope (S)	0-10			
Pulse width range (%)	5-95			
Post-gas time adjustment range (S)	0-10			
Power factor	0.99			
Overall dimensions (mm)	465 x 146 x 278			
Weight (kg)	7.5			
Accessories included	3m Argon hose + Amphenol plug			

ACCESSORY KITS

Part No. 9821H

Air Cooled TIG Package consisting of:

- WP17-12SZ Torch
- WP17AK Accessory Kit
- D3595-1-1 TIG Adaptor
- EC32LD Earth Lead 3 mtr
- EH32LD Electrode Lead 3 mtr

For more detailed information on the above items, see pages 176 & 204

Part No. 9822H

Water Cooled TIG Package consisting of:

- WP20-12SZ Torch
- WP20AK Accessory Kit
- D3595-1-1 TIG Adaptor
- 9829 3/8" Quick Disconnect Adaptor Kit (consists of 2 x M5028 quick release nipples & ECK31 hose clamp)
- EC32LD Earth Lead 3 mtr
- EH32LD Electrode Lead 3 mtr

IMPORTANT - Water cooled torch will exceed maximum amperage of this machine

For more detailed information on the above items, see pages 182 & 204

Part No. 9011H

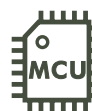
DIGI-TIG 200 AC/DC PULSE PFC MV 110/230 Volts

Features

- Full digital control panel
- 0.5 - 200 pulse frequency
- Multi AC wave form choices
- Welds all forms of steels – including aluminium



Optional
Potentiometer
remote control
torch



MCU
control
system



Welding at
extra low
currents



Optional
foot
control



Optional
Up/Down
remote control
torch



Input
Voltage



Power
Factor
Correction



Generator
friendly

Input power voltage	110±10%		230±10%	
	AC/DC MMA	AC/DC TIG	AC/DC MMA	AC/DC TIG
Effective input current – AC (A)	20	26	22	16
Effective input current – DC (A)	21	27	19	12
Maximum (KVA)	4.2		7.4	
Input voltage frequency (Hz)	50/60			
No load voltage (V)	68			
	MMA	TIG	MMA	TIG
Current adjustment range (A)	5-130	5-160	5-200	5-200
	MMA	TIG	DC	AC
Rated duty cycle (40°C 10 min)	30% @		35% @	
	130A		200A	
	60% @	60% @	60% @	60% @
	110A	160A	140A	200A
	100% @	100% @	100% @	100% @
	80A	125A	110A	155A
Protection class	Ip23			
Insulation class	H			
Slope out (S)	0-10			
Pre-gas time adjustment range (S)	0.1-10			
Post-gas time adjustment range (S)	0-10			
Overall dimensions (mm)	492 x 189 x 350			
Weight (kg)	15			
Accessories included	3m Argon hose + Amphenol plug			

ACCESSORY KITS

Part No. 9827H

Air Cooled TIG Package consisting of:

- WP26-12SZ Torch
- WP18AK Accessory Kit
- D3595-1-1 TIG Adaptor
- EC32LD Earth Lead 3 mtr

IMPORTANT - Maximum operating amps on this package are 200 DC and 150 AC

For more detailed information on the above items, see pages 190 & 204

Part No. 9828H

Water Cooled TIG Package consisting of:

- WP18-12SZ Torch
- WP18AK Accessory Kit
- D3595-1-1 TIG Adaptor
- 9829 3/8" Quick Disconnect Adaptor Kit (consists of 2 x M5028 quick release nipples and ECK31 hose clamp)
- EC32LD Earth Lead 3 mtr

IMPORTANT - Water cooled torch will exceed maximum amperage of this machine

For more detailed information on the above items, see pages 178 & 204



Part No. 9012H

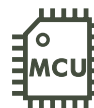
DIGI-TIG 320 AC/DC PULSE Three Phase

Features

- Full digital control panel
- 2T - 4T trigger function
- 0.5 - 200 pulse frequency
- Multi AC wave form choices
- Welds all forms of steels – including aluminium
- Fitted with power off-take for water cooler



Optional
foot
control



MCU
control
system



DC
pulse



Heavy
Duty
Cycle



Optional
Up/Down
remote control
torch



3 Phase
400V
50Hz/60Hz



Phase
Loss
Protection



Easy Arc
Striking



Generator
friendly

Input power voltage 3/400±10%		
	TIG	MMA
Effective input current – AC (A)	15	16
Effective input current – DC (A)	16	21
Maximum (KVA)	18.7	
Input voltage frequency (Hz)	50	
No load voltage (V)	51	
Welding current adjustment range (A)	10-320	
Rated duty cycle (40°C 10min)	60% 320A	
	100% 250A	
Arc – Starting	HF	
Protection class	Ip23	
Insulation class	H	
Slope out (S)	0-10	
Clean width (%)	15-95	
Pre-gas time adjustment range (S)	0-2	
Post-gas time adjustment range (S)	0-10	
Clearance effect (%)	5-95	
Efficiency (%)	≥85	
Overall dimensions (mm)	570 x 240 x 385	
Weight (kg)	25	
Accessories included	3m Argon hose + Amphenol plug	

ACCESSORY KITS

Part No. 9827H

Air Cooled TIG Package consisting of:

- WP26-12SZ Torch
- WP18AK Accessory Kit
- D3595-1-1 TIG Adaptor
- EC32LD Earth Lead 3 mtr

IMPORTANT - Maximum operating amps on this package are 200 DC and 150 AC

For more detailed information on the above items, see pages 190 & 204

Part No. 9828H

Water Cooled TIG Package consisting of:

- WP18-12SZ Torch
- WP18AK Accessory Kit
- D3595-1-1 TIG Adaptor
- 9829 3/8" Quick Disconnect Adaptor Kit (consists of 2 x M5028 quick release nipples and ECK31 hose clamp)
- EC32LD Earth Lead 3 mtr

IMPORTANT - Water cooled torch will exceed maximum amperage of this machine

For more detailed information on the above items, see pages 178 & 204

DIGI-TIG 320 ACCESSORIES



Part No. **9824H**
Welding Trolley



The **9012H** plus
9819H combined
with the **9824H**
Welding Trolley



Part No. **9819H**
5 Ltr Water Cooler
• 415V
• Water level visible on front panel
• For Mig or Tig water cooled torch



Part No. **9826H**
Foot Switch



Stealth DIGI-ARC

EN 60974/1

Part No. 9020H

DIGI-ARC 140LT DV

110/230 Volts

Features

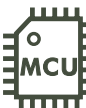
- Digital display
- Hot start on MMA
- Dual voltage – suitable for site work
- Lift/Tig facility



Carry Case
Supplied



Input
Voltage



MCU
control
system



Moisture ✓
Salt spray ✓
Corrosion ✓



Generator
friendly

Input power voltage (V)	110±10%		230±10%	
Frequency (Hz)	50/60			
	TIG	MMA	TIG	MMA
Effective input current (A)	13.2	20.8	14.0	20.2
Maximum (KVA)	4.6		7.4	
Adjustment range of current (A)	10-100		10-140	
Maximum no-load voltage (V)	26	64	26	64
Efficiency (%)	≤80			
Rated duty cycle (40°C 10 min)	25% @ 100A		40% @ 140A	
	60% @ 65A		60% @ 115A	
	100% @ 50A		100% @ 100A	
Protection class	Ip23			
Insulation class	H			
Cooling	Air			
Electrode diameter (mm)	1.6-3.2			
Electrode type	6013, 7018, etc			
Overall dimensions (mm)	350 x 145 x 280			
Weight (kg)	5.4			
Accessories included	3m earth return lead + 3m electrode lead wire brush, chipping hammer, hand screen			

ACCESSORY KIT

Part No. 9808

Scratch Start Package consisting of:

- WP9V-12 Torch
- WP9AK Accessory Kit
- D1625-1-3MT Extended TIG Adaptor

For more detailed information on the above items, see pages 174 & 204

Part No. 9021H

DIGI-ARC 160LT

230 Volts

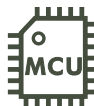
Features

- Digital display
- Hot start on MMA
- Lift/Tig facility

Carry
Case
Supplied



Input
Voltage



MCU
control
system



Moisture ✓
Salt spray ✓
Corrosion ✓



Generator
friendly

Input power voltage (V)	230±15%	
Frequency (Hz)	50/60	
	MMA	TIG
Effective input current (A)	17	24
Maximum (KVA)	8.5	
Adjustment range of current (A)	10-160	
Maximum no-load voltage (V)	62	
Rated duty cycle (40°C 10 min)	40% @ 160A	
	60% @ 135A	
	100% @ 105A	
Efficiency (%)	≤85	
Protection class	Ip23	
Insulation class	H	
Cooling	Air	
Electrode diameter (mm)	1.6-4.0	
Electrode type	6013, 7018, etc	
Overall dimensions (mm)	290 x 135 x 220	
Weight (kg)	4.5	
Accessories included	3m earth return lead + 3m electrode lead wire brush, chipping hammer, hand screen	

ACCESSORY KIT

Part No. 9806

Scratch Start TIG Package consisting of:

- WP17V-12 Torch
- WP17AK Accessory Kit
- D3595-1-3MT Extended TIG Adaptor

For more detailed information on the above items, see pages 176 & 204



Stealth DIGI-ARC

EN 60974/1

Part No. 9022H

DIGI-ARC 160PFC Multi Voltage 110/230 Volts

Features

- PFC input
- Arc force for easy electrode striking
- Digital display
- Hot start on MMA
- Lift/Tig facility
- Excellent duty cycle



Carry
Case
Supplied



Input
Voltage



Voltage
Reduction
Device



Power
Factor
Correction



Moisture ✓
Salt spray ✓
Corrosion ✓



Generator
friendly

Input power voltage (V)	110±10%		230±10%	
Frequency (Hz)	50/60			
	TIG	MMA	TIG	MMA
Effective input current (A)	10	15.4	9.9	14.5
Maximum (KVA)	2.7		5.3	
Adjustment range of current (A)	10-90		10-160	
Maximum no-load voltage (V)	14.5			
Efficiency (%)	≤85			
Rated duty cycle (40°C 10 min)	40% @	40% @	40% @	40% @
	90A	90A	160A	160A
	60% @	60% @	60% @	60% @
	75A	75A	135A	135A
	100% @	100% @	100% @	100% @
	60A	60A	105A	105A
Protection class	Ip23			
Insulation class	H			
Cooling	Air			
Overall dimensions (mm)	390 x 146 x 278			
Weight (kg)	6.0			
Accessories included	3m earth return lead + 3m electrode lead			

ACCESSORY KIT

Part No. 9806

Scratch Start TIG Package consisting of:

- WP17V-12 Torch
- WP17AK Accessory Kit
- D3595-1-3MT Extended TIG Adaptor

For more detailed information on the above items, see pages 176 & 204

Part No. 9023H

DIGI-ARC 200LT

230 Volts

Features

- Excellent duty cycle
- Digital display
- Hot start on MMA
- Lift/Tig facility

Carry
Case
Supplied



Input
Voltage



Heavy
Duty
Cycle



Generator
friendly

Input power voltage (V)	230±10%	
Frequency (Hz)	50/60	
	TIG	MMA
Effective input current (A)	25	37
Maximum (KVA)	10.8	
Adjustment range of current (A)	10-200	
Maximum no-load voltage (V)	61	
Rated duty cycle (40°C 10 min)	60% @ 200A	
	100% @ 155A	
Efficiency (%)	≥85	
Protection class	Ip23	
Insulation class	H	
Cooling	Air	
Electrode diameter (mm)	1.6-5.0	
Electrode type	6013, 7018, etc	
Overall dimensions (mm)	365 x 150 x 240	
Weight (kg)	6.2	
Accessories included	3m earth return lead + 3m electrode lead	

ACCESSORY KIT

Part No. 9807

Scratch Start TIG Package consisting of:

- WP26V-12 Torch
- WP18AK Accessory Kit
- D3595-1-3MT Extended TIG Adaptor

For more detailed information on the above items, see pages 190 & 204



Part No. 9024

DIGI-ARC 200C DV Cellulosic 110/230 Volts

Features

- Ideal for all cellulosic rods, ie **Super 6** E6010
- Excellent duty cycle
- Digital display
- Hot start on MMA
- Lift/Tig facility
- Variable arc force for easy electrode striking
- OCV: DC74V

Carry
Case
Supplied



Input
Voltage

90-275V
50/60Hz



Generator
friendly



See **Super 6** section page 42 for details of E6010 Electrodes

	110V	230V
Minimum fuse rating (A)	24	
I1 max (A)	41	
Generator friendly	+ / - 10%	
Input power voltage (V)	110	230
Rated input power capacity (KVA)	4.5	9.4
Input voltage frequency (Hz)	50/60 Hz	
Output current rate (A)	20-120	20-200
Rated duty cycle (40°C 10 min)	70A @ 100%	130A @ 100%
	90A @ 60%	160A @ 60%
	120A @ 35%	200A @ 35%
Protection class	Ip23	
Diameter of rod (mm)	1.6-2.5	1.6-5.0
Overall dimensions (mm)	380 x 160 x 250	
Weight (kg)	7.5	
Accessories included	3mtr earth clamp and cable	
	3mtr electrode holder and cable	

ACCESSORY KIT

Part No. **9807**

Scratch Start TIG Package consisting of:

- **WP26V-12** Torch
- **WP18AK** Accessory Kit
- **D3595-1-3MT** Extended TIG Adaptor

For more detailed information on the above items, see pages 190 & 204

Part No. 9030H

DIGI-CUT 40PFC

Multi Voltage

110/230 Volts

Features

- Generator friendly
- Pilot arc ignition
- Complete with air regulator
- Clean cut to 10mm

Carry
Case
Supplied



Input
Voltage



Power
Factor
Correction



Generator
friendly

	110V	230V
Input power voltage (V)	110±10%	230±10%
Frequency (Hz)	50/60	
Effective input current (A)	20.4	16
Maximum (KVA)	3.8	5.2
Adjustment range of current (A)	20-30	20-40
Maximum no-load voltage (V)	320	
Rated duty cycle (40°C 10 min)	35% @ 30A	50% @ 40A
	60% @ 22A	60% @ 36A
	100% @ 20A	100% @ 30A
Severance cut for carbon steel (mm)	≤20	≤25
Production cut for carbon steel (mm)	≤15	≤20
stainless steel	≤15	≤20
aluminium	≤12	≤16
copper	≤8	≤12
Air operating pressure	50-90 psi (3.5-6 bar)	
Air operating flow	160 l/min (5.65 cfm)	
Protection class	Ip23	
Insulation class	H	
Cooling	Air	
Overall dimensions (mm)	640 x 240 x 445	
Weight (kg)	23	
Accessories included	3m earth return lead	

Recommended Compressor at 100% Duty Cycle:

3/200BS1 or 3/200BS3



- PC7100H plasma torch included



Part No. 9031H

DIGI-CUT 60

Single Phase

Features

- Lightweight
- Auto over voltage, over temperature and over current protection
- Includes air pressure regulator
- Contact arc striking



Input
Voltage

Input power voltage (V)	230±10%
Frequency (Hz)	50/60
Effective input current (A)	40
Maximum (KVA)	9.5
Adjustment range of current (A)	20-60
Maximum no-load voltage (V)	400
Rated duty cycle (40°C 10 min)	95% @ 60A 100% @ 58A
Severance cut for carbon steel (mm)	≤35mm
Production cut for carbon steel (mm)	≤25mm
stainless steel	≤25mm
aluminium	≤20mm
copper	≤14mm
Air operating pressure	50-90 psi (3.5-6 bar)
Air operating flow	160 l/min (5.65 cfm)
Protection class	Ip23
Insulation class	H
Cooling	Air
Overall dimensions (mm)	640 x 240 x 445
Weight (kg)	23
Accessories included	3m earth return lead



- PC7100H plasma torch included

Recommended Compressor at 100% Duty Cycle:

3/200BS1 or 3/200BS3

Stealth DIGI-CUT

EN 60974/1



Part No. 9032H

DIGI-CUT 100CNC

Three Phase

Features

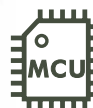
- 45mm production cut
- Auto over voltage, over temperature and over current protection
- Includes air pressure regulator
- Contact arc striking



3 Phase
400V
50Hz/60Hz



CNC
option



MCU
control
system



Phase
Loss
Protection



Digital
pressure
meter

Input power voltage (V)	3/400±10%
Frequency (Hz)	50/60
Maximum (KVA)	19.4
Rated input current (A)	28
Adjustment range of current (A)	20-100
Maximum no-load voltage (V)	420
Rated duty cycle (40°C 10 min)	100% @ 100A
Severance cut for carbon steel (mm)	≤55mm
Production cut for carbon steel (mm)	≤45mm
stainless steel	≤45mm
aluminium	≤36mm
copper	≤20mm
Air operating pressure	50-90 psi (3.5-6 bar)
Air operating flow	260 l/min (9.18 cfm)
Protection class	Ip23
Insulation class	H
Cooling	Air
Overall dimensions (mm)	630 x 240 x 445
Weight (kg)	30.5
Accessories included	3m earth return lead

Recommended Compressor at 100% Duty Cycle:
55/200BS3 or 55/270BS3



- PC7200H plasma torch included

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