

## NEW XTS 142 MMA INVERTER

With TIG Function (Single Voltage), complete with Strap



- 230V Input
- Lightweight 4.5kg
- 140A @ 20% Duty Cycle
- Connections 10-25mm Dinse
- Supplied with Electrode Holder, 2m Cable, 2m Earth Lead and Wire Brush
- Over Voltage and Over Current Protection
- Supplied with carry strap
- Built in Electrode Anti Sticking
- Ideal for use with Rutile Electrodes
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTS142  
XTS142-P1

### Description

140A MMA Inverter 230V  
MMA Inverter with WP17V Torch Package

### Technical Information

Parameter	Value
Output Current	20-140A
Input Voltage	230V 1P
Input Current (Max)	25A
Maximum Electrode Size	3.2mm
No Load Voltage	60V
Cable Connection	10-25 Din
Duty Cycle	140A @ 20%
Fuse Rating	16A
KVA	3
Enclosure Protection	IP23S
Dimensions (mm)	290 x 185 x 220
Weight (kg)	4.5

### Accessory Information

Stock Code	Description
CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17-V-12-2l	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

### Portable and Lightweight

The XTS 142 is a highly portable entry level MMA welding machine ideal for occasional maintenance applications.

Electrodes up to 2.4mm can be used with ease.

### TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 142 can be used for basic scratch start TIG welding and is suitable for welding steel and stainless steel.

### Generator Friendly

The XTS 142 is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

## NEW XTS 162 MMA INVERTER

With Lift TIG Function (Single Voltage)



- 230V Input
- Lightweight 8.5kg
- 160A @ 20% Duty Cycle
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Connections 35-50mm Dinse
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Over Voltage and Over Current Protection
- Digital Amperage Display
- Welding Mode for Rutile and Low Hydrogen Electrodes
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTS162	160A MMA Inverter 230V
XTS162-P1	MMA Inverter with WP17V Torch Package

### Description

### Technical Information

Parameter	Value
Output Current	20-160A
Input Voltage	230V 1P
Input Current (Max)	30A
Maximum Electrode Size	3.2mm
No Load Voltage	78V
Cable Connection	35-50 Dix
Duty Cycle	160A@ 20%
Fuse Rating	16A
KVA	5.4
Enclosure Protection	IP23S
Dimensions (mm)	350 x 160 x 246
Weight (kg)	8.5

### Accessory Information

Stock Code	Description
CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17-V-12-2IX	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

### Multi Mode

The XTS 162 MMA has dedicated welding modes for rutile and cellulosic electrodes. The touch button interface is easy to use and ideal for harsh environments.

Electrodes up to 3.2mm can be used with ease.

### TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 162 can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

### Generator Friendly

The XTS 162 is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

## NEW XTS 162DV MMA INVERTER

Professional MMA Inverter with Lift Arc TIG



- Dual Voltage 110/230V
- Smart Switching
- Lightweight 8.5kg
- 160A @ 20% Duty Cycle
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Welding Mode for Rutile and Low Hydrogen Electrodes
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- Over Voltage and Over Current Protection
- Digital Amperage Display
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTS162DV  
XTS162DV-P1

### Description

160A MMA Inverter Dual Voltage  
Inverter with WP17V Torch Package

### Technical Information

#### Parameter

#### Value

Output Current	20-160A on 230V 20-150A on 110V
Input Voltage	110/230V 1P
Input Current (Max)	30A@ 110V
Maximum Electrode Size	3.2mm
No Load Voltage	78V
Cable Connection	35-50 Dix
Duty Cycle	160A@ 20%
Fuse Rating	32A@ 110V 16A @ 230V
KVA	5.4
Enclosure Protection	IP23S
Dimensions (mm)	350 x 160 x 246
Weight (kg)	8.5

### Accessory Information

#### Stock Code

#### Description

CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17V-12-2IX	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

### Multi Mode

The XTS 162DV has dedicated welding modes for rutile and cellulosic electrodes. The touch button interface is easy to use and ideal for harsh environments.

Electrodes up to 3.2mm can be used with ease.

### TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 162DV can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

### Generator Friendly

The XTS 162DV is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

## NEW XTS 202 MMA INVERTER

Professional MMA Inverter with Lift Arc Tig



- 230V Input
- Light weight 8.5kg
- 200A @ 20% Duty Cycle
- Welding Mode for Rutile and Low Hydrogen Electrodes
- Basic Rutile Function
- Cellulistic Function
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- Over Voltage and Over Current Protection
- Digital Amperage Display
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTS202MMA  
XTS202MMA-P1

### Description

200A MMA Inverter 230V  
MMA Inverter with WP17V Torch Package

### Technical Information

Parameter	Value
Output Current	20-200A
Input Voltage	230V 1P
Input Current (Max)	38A
Maximum Electrode Size	4.0mm
No Load Voltage	72V
Cable Connection	35-50 Dix
Duty Cycle	200A @ 20%
Fuse Rating	36A
KVA	9.2
Enclosure Protection	IP23S
Dimensions (mm)	350 x 160 x 246
Weight (kg)	8.5

### Accessory Information

Stock Code	Description
CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17V-12-2IX	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

### Multi Mode

The XTS 202 has dedicated welding modes for rutile and cellulistic electrodes. The touch button interface is easy to use and ideal for harsh environments.

Electrodes up to 4.0mm can be used with ease.

### TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 202 can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

### Generator Friendly

The XTS 202 is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

## XTS 203 MMA INVERTER

Professional Level MMA Inverter



- 400V 3 Phase Input
- 200A @ 60% Duty Cycle
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- DC Output
- Lift Arc TIG Mode
- 88V OCV with VRD
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTS203MMA  
XTS203MMA-P1

### Description

250A MMA Inverter 400V  
Inverter with WP26V Torch Package

### Technical Information

Parameter	Value
Output Current	10-250A
Input Voltage	400V 3P
Input Current (Max)	16A
Maximum Electrode Size	6.0mm
No Load Voltage	88V
Cable Connection	35-50 Dix
Duty Cycle	200A @ 60%
Fuse Rating	16A
KVA	11
Enclosure Protection	IP23S
Dimensions (mm)	490 x 250 x 400
Weight (kg)	18.5

### Accessory Information

#### Stock Code

CKE403  
CKK403  
WP26V-12-2IX  
E700123  
WP26AK  
XR935H

#### Description

Electrode Holder Cable Kit x 3m  
Earth Cables Clamp Kit x 3m  
WP17 Scratch Start TIG Torch x 12.5ft  
Argon Regulator Single Stage 2 Gauge  
TIG Spares Kit in Plastic Case  
Everyday Light Reactive Welding Helmet

### DC Output

The XTS 203 MMA has a DC output and when combined with the correct type of electrode it is suitable for welding alloy, non alloy steels, stainless steel and cast iron.

Electrodes up to 6.0mm can be used with ease.

### TIG Welding

By fitting an optional TIG torch and coupling to a suitable gas supply the XTS 203 MMA can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

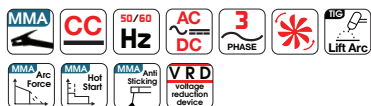
### Generator Friendly

The XTS 203 MMA is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a rugged steel case.

## NEW XTS 403 MMA INVERTER

Professional Level MMA Inverter



- 400V 3 Phase Input
- 400A @ 60% Duty Cycle
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- DC Output
- Lift Arc TIG Mode
- 88V OCV with VRD
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTS403MMA  
XTS403MMA-P1

### Description

400A MMA Inverter 400V  
MMA Inverter with WP26V Torch Package

### Technical Information

Parameter	Value
Output Current	20-400A
Input Voltage	400V 3P
Input Current (Max)	27A
Maximum Electrode Size	6.0mm
No Load Voltage	50V (VRD)
Cable Connection	35-50 Dix
Duty Cycle	400A @ 60%
Fuse Rating	20A
KVA	16
Enclosure Protection	IP23S
Dimensions (mm)	530 x 250 x 400
Weight (kg)	20.5

### Accessory Information

#### Stock Code

CKE403  
CKC403  
WP26V-12-2IX  
E700123  
WP26AK  
XR935H

#### Description

Electrode Holder Cable Kit x 3m  
Earth Cables Clamp Kit x 3m  
WP17 Scratch Start TIG Torch x 12.5ft  
Argon Regulator Single Stage 2 Gauge  
TIG Spares Kit in Plastic Case  
Everyday Light Reactive Welding Helmet

### DC Output

The XTS 403 MMA has a DC output and when combined with the correct type of electrode it is suitable for welding alloy, non alloy steels, stainless steel and cast iron.

Electrodes up to 6.0mm can be used with ease.

### TIG Welding

By fitting an optional TIG torch and coupling to a suitable gas supply the XTS 403 MMA can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

### Generator Friendly

The XTS 403 MMA is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

## XTT 182DV TIG INVERTER

Professional Level Dual Voltage DC TIG Inverter



- Dual Voltage 110/230V
- Lightweight 7.8kg
- 180A @ 60% Duty Cycle
- Generator Friendly
- Easy Electrode Re-striking with Hot Start (MMA)
- HF Arc Starting
- Adjustable Post Flow (TIG Mode)
- Supplied with 3m Earth Lead
- Latching Trigger Option (TIG Mode)
- Adjustable Downslope (TIG Mode)
- Connections 35-50mm Dinse
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTT182DV  
XTT182DV-P1

### Description

180A DC TIG Inverter 110/230V  
TIG Inverter and PRO26 TIG Torch Package and Regulator

### Technical Information

Parameter	Value
Output Current	10-180A
Input Voltage	110-230V 1P
Input Current Max	16-32A
Duty Cycle	180A @ 60%
Up Slope Function	Fixed
Down Slope Function	0-10s
Pre-flow Function	Fixed
Post Flow Function	0-10S
Fuse Rating	32/16
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	440 x 130 x 240
Weight (kg)	7.8

### Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO26-12SIBD19	Pro-Grip Max® TIG 200A Air Cooled Torch 12.5ft
ERCP19	5 Pin XTI Inverter Plug
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP26AK	TIG Spares Kit in Plastic Case
XTI903T	Foot Control
XR935H	Everyday Light Reactive Welding Helmet
XTICL	Large Carry Case (Sold separately)

### DC Output

The XTT 182DV has a DC output and is suitable for welding alloy, non alloy steels, stainless steel and titanium.

TIG Mode - Materials up to 6mm can be welded with ease.

MMA Mode - Electrodes up to 4.8mm can be used with ease.

### TIG Welding

The XTT 182DV can be used for TIG welding and is suitable for welding steel and stainless steel using the HF start circuit.

The latching trigger function improves operator comfort allowing the trigger to be released during long welds.

### Generator Friendly

The XTT 182DV is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a metal case with integrated carry handle and shoulder strap.

A carry case is available as an optional extra.

**NEW XTT 200 DC PULSED TIG INVERTER**

Professional Level DC Pulsed TIG Inverter with MMA Function



- 230V Input
- 200A @ 30% Duty Cycle
- Variable Pulse Frequency
- HF Arc Starting
- Digital control
- Optional Foot Control
- Generator Friendly
- Easy Electrode Striking with Arc Force (MMA)
- Easy Electrode Re-striking with Hot Start (MMA)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- Sturdy Metal Case
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

**Stock Code**

XTT200DCP  
XTT200DCP-P1

**Description**

200A DC Pulsed Tig Inverter 230V  
Pulsed TIG Inverter with PRO26 Torch  
Package and Regulator

**Technical Information**

Parameter	Value
Output Current	10-200 DC
Input Voltage	230V 1P
Input Current Max	18
Duty Cycle	200A @ 30%
Up Slope Function	0-5s
Down Slope Function	0-5s
Pre-flow Function	0-1s
Post Flow Function	3-10s
Pulse Frequency	0.5-100Hz
Fuse Rating	16A
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	376 x 136 x 240
Weight (kg)	8kg

**Accessory Information**

Stock Code	Description
CKE403	Holder with 3m Lead
CKC403	Earth Cables Clamp Kit x 3m
PRO26-12S1BD19	Pro-Grip Max® TIG 200A Air Cooled Torch 12.5ft
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP26AK	TIG Spares Kit in Plastic Case
ERCP19	5 Pin XTT Inverter Plug
XR935H	Everyday Light Reactive Helmet – Black
XTICC	Carry Case (Sold separately)

**DC Output**

The XTT 200 DCP has a DC output and is suitable for welding alloy, non alloy steels, stainless steel and titanium.

TIG Mode - Materials up to 6mm can be welded with ease.

MMA Mode - Electrodes up to 4.8mm can be used with ease.

**TIG Welding**

The XTT 200 DCP is suitable for TIG welding steel and stainless steel using the HF start circuit.

Adjustable power pulsing allows reduced heat input and increased penetration.

**Generator Friendly**

The XTT 200 DCP is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

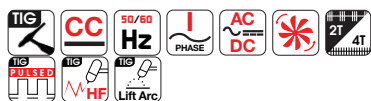
The machine is housed in a metal case with integrated carry handle and shoulder strap.

A carry case is available as an optional extra.



## XTT 202P AC/DC PULSED TIG INVERTER

Professional Level AC/DC TIG Inverter



- 230V Input
- 200A @ 25% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC Frequency
- Variable Pulse Frequency
- HF Arc Starting
- Digital control
- Optional Foot Control
- Generator Friendly
- Adjustable Downslope (TIG Mode)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- 3 Years Return to Base Warranty

### Stock Code

XTT202P  
XTT202P-P1  
  
XTT202P-P1T  
  
XTT202P-P1WT

### Description

200A AC/DC Pulsed TIG Inverter 230V  
Pulsed TIG Inverter with PRO26 Torch  
Package and Regulator  
Pulsed TIG Inverter with PRO26 Torch  
Package, Regulator and Trolley  
Pulsed TIG Inverter with PRO20 Torch  
Package, Regulator, Water Cooler and Trolley

### Technical Information

Parameter	Value
Output Current	5-200 DC 10-200 AC
Input Voltage	230V 1P
Input Current Max	18A
Duty Cycle	200A @ 25%
Up Slope Function	0-10s
Down Slope Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	250Hz
AC Frequency	50-250Hz
Fuse Rating	16A
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	484 x 380 x 320
Weight (kg)	25

### Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKK403	Earth Cables Clamp Kit x 3m
PRO26-12S3BD18	Pro-Grip® 200A Air Cooled Torch x 12.5ft
PRO20-12S3DQ18	Pro-Grip® 250A Water Cooled Torch x 12.5ft
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit in Plastic Case
WP26AK	TIG Spares Kit in Plastic Case
ERCP18	Trigger Plug
XR935H	Everyday Light Reactive Helmet - Black
TR005	Trolley
XTS904	Water Cooler

### AC/DC Output

The XTT 202P can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

# XTT 353P AC/DC PULSED TIG INVERTER

Professional Level AC/DC Pulsed TIG Inverter with MMA Function

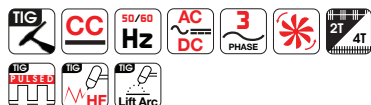
MACHINE



**A**



**B**



- 400V 3 Phase Input
- 350A @ 30% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC frequency
- Variable Pulse frequency
- HF Arc Starting
- Digital control
- Optional Foot Control
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

## Stock Code

- A** XTT353P  
XTT353P-P1
- B** XTT353P-PIW  
  
XTT353P-PI3

## Description

350A AC/DC Pulsed TIG Inverter 400V  
TIG Inverter and PRO26 TIG Torch Package and Regulator

TIG Inverter with PRO18, Regulator, XTS905 Water Cooler, Ultracool and Trolley

TIG Inverter with PRO20, Regulator, XTS905 Water Cooler, Ultracool and Trolley

## Technical Information

Parameter	Value
Output Current	5-350 DC 10-350 AC
Input Voltage	400V 3P
Input Current Max	24A
Duty Cycle	350A @ 50%
Up Slope Function	0-10s
Down Slop Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	0.5-200Hz
AC Frequency	50-250Hz *
Fuse Rating	16
KVA	11
Enclosure Protection	IP23S
Dimensions (mm)	606 x 315 x 605
Weight (kg)	38

\* AC frequency range is restricted at higher amperages

## Accessory Information

### Stock Code

- CKE403  
CKC403  
PRO18-12S3DQ18  
PRO20-12S3DQ18  
XTI 902D  
D3595-1-1  
E700123  
ERCP18  
XR935H  
XTSH-75-353  
XTS905  
TR003

### Description

Electrode Holder Cable Kit x 3m  
Earth Cables Clamp Kit x 3m  
Pro-Grip® 350A Water Cooled Torch x 12.5ft  
Pro-Grip® 250A Water Cooled Torch x 12.5ft  
Foot Control – Digital Machines  
TIG Adaptor  
Argon Regulator Single Stage 2 Gauge  
Trigger Plug  
Everyday Light Reactive Welding Helmet  
Hook Up Kit 0.75m  
Water Cooler 400V  
Trolley

## AC/DC Output

The XTT 353P AC/DC can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

## Generator Friendly

The XTT 353P AC/DC is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

## NEW XTT 503 AC/DC PULSED INVERTER

Professional Level AC/DC Pulsed TIG Inverter with MMA Function



- 400V 3 Phase Input
- 500A @ 60% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC Frequency
- Variable Pulse Frequency
- HF Arc Starting
- Adjustable Downslope (TIG Mode)
- Digital control
- Optional Foot Control
- Easy Electrode Striking with Arc Force (MMA)
- Easy Electrode Re-striking with Hot Start (MMA)
- Adjustable Downslope (TIG Mode)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- Sturdy Metal Case
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTT503AC/DC

XTT503AC/DC-P1

XTT503AC/DC-P1W

XTT503AC/DC-P1W2

### Description

500A AC/DC Pulsed TIG Inverter 400V

TIG Inverter with PRO18 TIG Torch Package and Regulator

TIG Inverter with PRO18, Regulator, XTS905 Water Cooler, Ultracool and Trolley

TIG Inverter with PRO20, Regulator, XTS905 Water Cooler, Ultracool and Trolley

### Technical Information

#### Parameter

#### Value

Output Current	10-500A DC
	15-500A AC
Input Voltage	400V 3P
Input Current Max	29A
Duty Cycle	500A @ 60%
Up Slope Function	0-10s
Down Slop Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	0.5-200Hz
AC Frequency	50-250Hz
Fuse Rating	32
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	735 x 360 x 655
Weight (kg)	54

### Accessory Information

#### Stock Code

#### Description

CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO18-12S3DQ18	Pro-Grip Max® TIG 350A Water Cooled Torch 12.5ft
PRO20-12S3DQ18	Pro-Grip Max® TIG 250A Water Cooled Torch 12.5ft
XTI 902D	Foot Control – Digital Machines
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit in Plastic Case
WP18AK	TIG Spares Kit in Plastic Case
ERCP18	Trigger Plug
XR935H	Everyday Light Reactive Welding Helmet
XTSH1-353	Hook Up Kit 1m
XTS905	Water Cooler 400V
TR003	Trolley

### AC/DC Output

The XTT 503 AC/DC can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal. Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

### Generator Friendly

The XTT 503 AC/DC is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

## XTP 40 INVERTER PLASMA CUTTER

Professional Level Air Plasma Cutter



- Lightweight 12.6kg
- 40A @ 40% Duty Cycle
- Generator Friendly
- Smart Switching Dual Voltage 110-230V
- Ideal for Mesh Cutting
- 12mm Production Cut
- 20mm Severance Cut
- Supplied with XT4000 Plasma Torch x 6m and 3m Earth Cable
- Auto Over Voltage and Over Current Protection
- Includes built in Air Pressure Regulator
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

**For information on the Parweld XT4000 Torch please refer to page 217**

### Stock Code

XTP40

### Description

Inverter Plasma Cutter Including Torch

### Technical Information

Parameter	Value
Output Current	10-40A
Input Voltage	110/230 1P
Input Current (max)	32A/24A
Duty Cycle	40A @ 40%
Production Cut Capacity	12mm
Severance Cut Capacity	20mm
Starting Method	Short Circuit
Fuse Rating	32/16A
KVA	3.7
Enclosure Protection	IP23S
Dimensions (mm)	430 x 170 x 270
Weight (kg)	12.6

### Cut Speed

Material	Thickness mm	Current Amps	Approximate Travel Speed lpm	mm/min
Mild Steel	5.0	60	155	4000
	10	60	66	1000
	15	60	35.5	500
	20	60	22.2	350

### Accessory Information

Stock Code	Description
CKC403	Earth Cables Clamp Kit x 3m
XR935H	Everyday Light Reactive Welding Helmet – Black
XT4000	Torch Package x 4m Central Connector
XTI40AK	Plasma Spares Kit in Plastic Box

### Variable Output

The variable output of the XTP 40 makes it ideal for cutting metals up to 12mm thick where the output power can be fine tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimizes the risk of interference with electronic systems.

### Generator Friendly

The XTP 40 is able to cope with inputs which fluctuate by +/-10% and can be used with the majority of generators. The machine is housed in a metal case with carry handle and shoulder strap.

## NEW XTP 63 INVERTER PLASMA CUTTER

Professional Level Air Plasma Cutter



- 400V 3 Phase
- Lightweight 24kg
- 60A @ 40% Duty Cycle
- Generator Friendly
- Ideal for Mesh Cutting
- 20mm Production Cut
- 30mm Severance Cut
- Supplied with XT4000 Plasma Torch 6m and 3m Earth Cable
- Auto Over Voltage and Over Current Protection
- Includes Built In Air Pressure Regulator and Pressure Gauge
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTP63

### Description

Inverter Plasma Cutter Including Torch

### Technical Information

#### Parameter

#### Value

Output Current	10-60A
Input Voltage	400V 3P
Input Current (max)	12A
Duty Cycle	60A @ 40%
Production Cut Capacity	20mm
Severance Cut Capacity	30mm
Starting Method	Short Circuit
Fuse Rating	10A
KVA	3.2
Enclosure Protection	IP23S
Dimensions (mm)	430 x 170 x 270
Weight (kg)	13

### Cut Speed

Material	Thickness mm	Current Amps	Approximate Travel Speed lpm mm/min
Mild Steel	5.0	60	155
	10	60	66
	15	60	35.5
	20	60	22.2

### Accessory Information

#### Stock Code

#### Description

CKC403	Earth Lead x 3m with Clamp
XT4000	Torch Package x 4m Central Connector
XTI40AK	Plasma Spares Kit in Plastic Box
XR935H	Everyday Light Reactive Welding Helmet

### Variable Output

The variable output of the XTP 63 makes it ideal for cutting metals up to 20mm thick. Infinite power control allows the output to be tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimizes the risk of interference with electronic systems.

### Generator Friendly

The XTP 63 is able to cope with inputs which fluctuate by +/-10% and can be used with the majority of generators.

The machine is housed in a metal case with carry handle.

## NEW XTP 103 INVERTER PLASMA CUTTER

Professional Level Air Plasma Cutter



- 400V 3 Phase
- 100A @ 100% Duty Cycle
- Generator Friendly
- Ideal for Mesh Cutting
- 30mm Production Cut
- 50mm Severance Cut
- CNC Interface and HF Start
- Supplied with XT141 Plasma Torch 6m and 3m Earth Cable
- Auto Over Voltage and Over Current Protection
- Includes Built In Air Pressure Regulator and Pressure Gauge
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTP103

### Description

Inverter Plasma Cutter Including Hand Torch

### Technical Information

Parameter	Value
Output Current	20-100A
Input Voltage	400V 3 P
Input Current (max)	24A
Duty Cycle	100A @ 100%
Production Cut Capacity	30mm
Severance Cut Capacity	50mm
Starting Method	HF
Fuse Rating	20A
KVA	8
Enclosure Protection	IP23S
Dimensions (mm)	580 x 310 x 600
Weight (kg)	40.6

### Cut Speed

Material	Thickness mm	Current Amps	Approximate Travel Speed lpm mm/min
Mild Steel	5.0	40	155
	10.0	40	66
	15.0	40	35.5
	20.0	40	22.2

### Accessory Information

Stock Code	Description
CKK403	Earth Lead x 3m with Clamp
XTA141-C-CC7	Hand Torch Package x 6m Central Connector
XTI10AK	Plasma Spares Kit in Plastic Box
XR935H	Everyday Light Reactive Welding Helmet
XTA141M-C-CC7	Machine Torch 6m Central Connector
XTDF	High Performance Air Filter
XTFE	Filter Cartridge for use with XTDF

**To extend the life of your consumables and reduce the risk of torch damage Parweld recommends fitting the XTDF High Performance Filter.**

### Variable Output

The variable output of the XTP 103 makes it ideal for cutting metals up to 30mm thick. Infinite power control allows the output to be tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimizes the risk of interference with electronic systems.

### Generator Friendly

The XTP 103 is able to cope with inputs which fluctuate by +/-10% and can be used with the majority of generators.

The machine is housed in a metal case with carry handle.

## XTM 160I MIG INVERTER

Lightweight Portable MIG Inverter Machine



- 230V Single Phase
- 160A @ 40% Duty Cycle
- Compact and Portable
- MIG Welding with Arc Force Adjustment
- Dual Digital display
- Accepts 5kg (200mm) Spools
- IP23S
- Supplied with Regulator and MIG Torch
- 2T/4T trigger latching
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTM160I  
XTM160I-P1

### Description

160A MIG Inverter  
Machine with MIG Torch & Regulator

### Technical Information

Parameter	Value
Style	Portable
Machine Type	Inverter
Maximum Current	160A
Wire Feed Speed	2-15 m/min
Voltage	13.5-22V
Spool Size	200mm
Feed Box	2R
Wire Size	0.6-0.8mm
Duty Cycle	160A @ 40%
Input Voltage	230V 1P
Input Current (Max)	18A
Fuse Rating	16A
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	465 x 214 x 356
Weight (kg)	12

### Accessory Information

Stock Code	Description
CKC403	Earth Cables Clamp Kit x 3m
ECR1500-30ER	Eco-Grip Max® MIG 150A Torch 3m
PRO1500-30ER	Pro-Grip Max® MIG 150A Torch 3m
E700123	Argon Regulator Single Stage 2 Gauge
XR935H	Everyday Light Reactive Helmet – Black

### DC Output

The smooth DC output ensures excellent arc characteristics. Materials up to 4mm can be welded with ease. The arc voltage is infinitely adjustable providing exact settings of the welding parameters. Lightweight construction means the machine is very portable and the removable euro connection torch makes for easy transport and storage.

The dual digital displays allow all the welding parameters to be displayed, welding voltage is displayed constantly and the second display can be toggled between the wire speed and welding amperage.

Wire sizes of 0.6-0.8mm can be used with ease.

### Generator Friendly

The XTM 160I is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a steel case with an integrated carry handle and shoulder strap



## NEW XTM 182I MIG INVERTER

Lightweight Portable MIG Inverter Machine



- 230V Single Phase
- 180A @ 20% Duty Cycle
- Compact and Portable
- Synergic Control Trolley with Built in Storage Drawer
- Dual Digital Display
- Accepts 15kg (300mm) Spools
- IP23S
- Supplied with Regulator and MIG Torch
- 2T/4T Trigger Latching, Separate Button
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTM182I  
XTM182I-P1

### Description

180A MIG Inverter  
Machine with MIG Torch & Regulator

### Technical Information

Parameter	Value
Style	Compact
Machine Type	Inverter
Maximum Current	180A
Wire Feed Speed	2-15m/min
Voltage	18-26.5V
Spool Size	300mm
Feed Box	4R
Wire Size (mm)	0.6-1.0
Duty Cycle	180A @ 20%
Input Voltage	230V 1P
Input Current (Max)	32A
Fuse Rating	32A
KVA	7.36
Enclosure Protection	IP23S
Dimensions (mm)	1020 x 470 x 930
Weight (kg)	52

### Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
ECR1500-30ER	Eco-Grip Max® 150A MIG Torch 3m
PRO1500-30ER	Pro-Grip Max® 150A MIG Torch 3m
E700123	Argon Regulator Single Stage 2 Gauge
WP17V-12-2I	WP17V Torch Package x 12.5ft
XR935H	Everyday Light Reactive Helmet – Black

### Multi Mode

The XTM 182I is capable of welding up to 6mm thick material. The synergic control allows rapid setup of the welding process.

### TIG and MMA Welding

The multi-mode inverter also allows MMA and TIG welding.



## NEW XTM 200I MIG INVERTER

Lightweight Portable MIG Inverter Machine



- 230V Single Phase
- 200A @ 20% Duty Cycle
- Compact and Portable
- Dual Digital display
- Accepts 5kg (200mm) Spools
- IP23S
- Supplied with Regulator and MIG Torch
- 2T/4T trigger latching
- Synergic Control Trolley with Built in Storage Drawer
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

### Stock Code

XTM200I  
XTM200I-P1

### Description

200A MIG Inverter  
MIG Inverter with MIG Torch & Regulator

### Technical Information

Parameter	Value
Style	Portable
Machine Type	Inverter
Maximum Current	200A
Wire Feed Speed	2-18m/min
Voltage	18-26.5V
Spool Size	200mm
Feed Box	2R
Wire Size	0.8-1.0mm
Duty Cycle	200A @ 20%
Input Voltage	230V 1P
Input Current (Max)	45A
Fuse Rating	50A
KVA	10.35
Enclosure Protection	IP23S
Dimensions (mm)	465 x 214 x 356
Weight (kg)	12

### Accessory Information

Stock Code	Description
CKC403	Earth Cables Clamp Kit x 3m
ECR1500-30ER	Eco-Grip Max® 150A MIG Torch x 3mt
PRO1500-30ER	Pro-Grip Max® 150A MIG Torch x 3mt
E700123	Argon Regulator Single Stage 2 Gauge
XR935H	Everyday Light Reactive Helmet – Black

### DC Output

The smooth DC output ensures excellent arc characteristics. Materials up to 4mm can be welded with ease. The arc voltage is infinitely adjustable providing exact settings of the welding parameters. Lightweight construction means the machine is very portable and the removable euro connection torch makes for easy transport and storage.

The dual digital displays allow all the welding parameters to be displayed, welding voltage is displayed constantly and the second display can be toggled between the wire speed and welding amperage.

Wire sizes of 0.6-1.0mm can be used with ease.

### Generator Friendly

The XTM 200I is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a steel case with an integrated carry handle and shoulder strap

**NEW XTM 252I SYNERGIC MIG INVERTER**

Professional Single Phase Compact MIG Machine

MACHINE



- 230V Single Phase
- 250A @ 30% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Infinitely Variable Voltage
- Synergic Welding with Rapid Set Up
- Overload Warning Indicator
- Holds 15kg Wire Spools
- Stand for Full Size Gas Cylinder
- On/Off Switch
- Supplied with Regulator and Torch
- Built in Gas Valve
- IP21S
- 3 Years Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

The Parweld XTM 252I offers the light fabrication industries quality welding performance at a competitive price.

### Multi Mode

The XTM 252I is capable of welding up to 8mm thick material. The synergic control allows rapid setup of the welding process.

### TIG and MMA Welding

The multi-mode inverter also allows MMA and TIG welding.

### Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.2mm wires.

### Versatile

The XTM 252I full size cabinet can accept a full height gas cylinder and its large wheels means it can be moved from job to job.

### Standards of Compliance

EN/IEC 60974-1  
RoHS Directive, Low Voltage Directive, EMC Directive  
(CE Compliant)

### XTM 252I Synergic MIG Inverter

Stock Code	Description
XTM252I	Synergic MIG Inverter Machine
XTM252I-P1	Synergic MIG Inverter Machine complete with Torch and Regulator

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC403	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP200A-40E	XP8 200A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

### XTM 252I – Technical Information

Parameter	Value
Style	Compact
Machine Type	Inverter
Maximum Current	250A
Wire Feed Speed	2-18 m/min
Voltage	18-26.5V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.2mm
Duty Cycle	250A @ 30%
Input Voltage	230V 1P
Input Current (Max)	45A
Fuse Rating	50A
KVA	10.35
Enclosure Protection	IP23S
Dimensions (mm)	1020 x 470 x 930
Weight (kg)	53

### Options

Stock Code	Description
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### Torch Packages

xP200A-30E	XP8 Torch Package x 3m
WP17V-12-2IX	WP17V TIG Torch Package x 12.5ft

### Accessories

706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester
CKE403	Electrode Holder 3m Lead

Stock Code	Description
CERT-MIG	Calibration Certificate

**NEW XTM 254I SYNERGIC MIG INVERTER**

Professional Three Phase Compact MIG Machine



- 400V Three Phase
- 250A @ 60% Duty Cycle
- 4 Roll Drive
- Synergic Control
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Overload Warning Indicator

- Stand for Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Burn Back Control
- Supplied with Regulator and Torch
- IP21S
- 3 Years Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

The Parweld XTM 254I offers large fabrication industries quality welding performance and at a competitive price.

### Synergic Control

The synergic control allows rapid machine setup saving time, and the infinite control allows the perfect combination of voltage and amperage.

Inverter technology delivers power savings over transformer based machines.

### TIG and MMA Welding

The multi-mode inverter also allows MMA and TIG welding.

### Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.2mm wires.

### Flexible

The compact cabinet maximises workshop space.

### Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive  
(CE Compliant)

### XTM 254I Synergic MIG Inverter Machine

Stock Code	Description
XTM254I	Synergic MIG Inverter Machine
XTM254I-P1	Synergic MIG Inverter Machine complete with Torch and Regulator

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC403	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP200A-40E	XP8 200A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

### XTM 254I – Technical Information

Parameter	Value
Style	Compact
Machine Type	Inverter
Maximum Current	250A
Wire Feed Speed	1.3-12.5 m/min
Voltage	16-26.5V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.2mm
Duty Cycle	250A @ 60%
Input Voltage	400V 3P
Input Current (Max)	13.5
Fuse Rating	40A
KVA	8.9
Enclosure Protection	IP23S
Dimensions (mm)	907 x 467 x 728
Weight (kg)	53

### Options

Stock Code	Description
<b>Torch Packages</b>	
XP200A-50E	XP8 Torch Package x 5m
WP17V-12-2IX	WP17V TIG Torch Package x 12.5ft
<b>Accessories</b>	
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester
CKE403	Electrode Holder 3m Lead

**Calibration Certificates are available at the time of order (please note that this is an additional cost).**

Stock Code	Description
CERT-MIG	Calibration Certificate

## NEW XTM 503I SYNERGIC MIG INVERTER

Professional Three Phase Separate MIG Machine complete with Water Cooler



- 400V Three Phase
- 500A @ 60% Duty Cycle
- 4 Roll Drive
- Synergic Control
- Forced Air Fan Cooling
- Stepless Wire Speed Control
- Wire Inching
- Gas Purge
- Burn Back Adjustment
- Soft Start Adjustment

- Holds Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Supplied with Regulator and Torch
- Includes 5m Interconnect Cable
- Water Cooled
- Variable Inductance Setting
- IP21S
- 3 Years Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

The Parweld XTM 503I offers large fabrication industries quality welding performance and at a competitive price.

### Synergic Control

The synergic control allows rapid machine setup saving time, and the infinite control allows the perfect combination of voltage and amperage.

Inverter technology delivers power savings over transformer based machines.

### Flexible

The separate wire feed unit provides flexibility when working with large fabrications or where access is restricted.

### Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 1.0mm and 1.6mm wires.

### Ease of Use

The separate wire feeder carries all of the controls, so it is easy to fine tune the welding operation without having to return to the power source.

### Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive  
(CE Compliant)

### XTM 500I Synergic MIG Inverter Machine

Stock Code	Description
XTM503I	Synergic MIG Inverter Machine
XTM503I-P1	Synergic MIG Inverter Machine complete with Torch and Regulator

### XTM 500I – Technical Information

Parameter	Value
Style	Separate
Machine Type	Inverter
Maximum Current	500A
Wire Feed Speed	1-20m/min
Voltage	13-50V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.6mm
Duty Cycle	500A @ 60%
Input Voltage	400V 3P
Input Current (Max)	41.8
Fuse Rating	60A
KVA	27.5
Enclosure Protection	IP23S
Dimensions (mm)	1035 x 430 x 7955
Weight (kg)	67

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC403	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP450W-40E	XP8 350A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

### Options

Stock Code	Description
<b>Torch Packages</b>	
XP350A-40E	XP8 350A MIG Torch Package x 4m

### Feed Roll Kits

XTFR20810	Feed Rolls 0.8mm-1.0mm
XTFR20810A	Feed Rolls 0.8mm-1.0mm Aluminium
XTFR1012A	Feed Rolls 1.0mm-1.2mm Aluminium
XTFR1012K	Feed Rolls 1.0mm-1.2mm Knurled
XTFR1216	Feed Rolls 1.2mm-1.6mm
XTFR1216A	Feed Rolls 1.2mm-1.6mm Aluminium

### Accessories

XTMC05W	Interconnect Cable x 5m Water Cooled
XTMC10W	Interconnect Cable x 10m Water Cooled
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

**Calibration Certificates are available at the time of order (please note that this is an additional cost).**

Stock Code	Description
CERT-MIG	Calibration Certificate

## XTM 301S PROFESSIONAL SINGLE PHASE SEPARATE MACHINE

MACHINE



- 230V Single Phase
- 270A @ 30% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Overload Warning Indicator
- Stand for Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Burn Back Control
- Soft Start Control
- Supplied with Regulator and Torch
- IP21S
- 3 Years Warranty



The Parweld XTM 301S offers the heavy fabrication industries quality welding performance at a competitive price.

### DC Output

The XTM 301S has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

The machine is ideal for welding a range of materials from 1.0mm to 8.0mm.

### Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.2mm wires.

### Flexible

The separate wire feeder provides flexibility when working with large fabrications or where access is restricted.

### Versatile and Portable

The XTM301S full size cabinet can accept a full height gas cylinder and its large wheels mean it can easily be moved from job to job.

### Standards

En/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive  
(CE Compliant)

## XTM 301S Single Phase MIG Machine

Stock Code	Description
XTM301S	Single Phase MIG Machine
XTM301S-P1	Single Phase MIG Machine complete with Torch and Regulator

## XTM 301S – Technical Information

Parameter	Value
Style	Separate
Machine Type	Transformer
Maximum Current	300A
Wire Feed Speed	2-18 m/min
Voltage	16-29
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.2
Duty Cycle	270A @ 30%
Input Voltage	230V 1P
Input Current (Max)	50A
Fuse Rating	45A
KVA	10
Enclosure Protection	IP23S
Dimensions (mm)	800 x 420 x 770
Weight (kg)	110

## Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC203I	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XTMC05A	Interconnect Cable x 5m Air Cooled
XP200A-40E	XP8 200A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

## Options

Stock Code	Description
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### Torch Packages

XP200A-50E	XP8 200A MIG Torch Package x 5m
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### Feed Roll Kits

XTFR0810A	Feed Rolls 0.8mm – 1.0mm Aluminium
XTFR1012	Feed Rolls 1.0mm – 1.2mm
XTFR1012A	Feed Rolls 1.0mm – 1.2mm Aluminium
XTFR1216	Feed Rolls 1.2mm – 1.6mm
XTFR1216A	Feed Rolls 1.2mm – 1.6mm Aluminium

### Accessories

706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

**Calibration Certificates are available at the time of order (please note that this is an additional cost).**

Stock Code	Description
CERT-MIG	Calibration Certificate

## XTM 303C PROFESSIONAL THREE PHASE COMPACT MIG MACHINE



- 400V Three Phase
- 300A @ 30% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Step Voltage Adjustment
- Infinitely Variable Wire Speed
- Digital Display for Amps and Volts
- Overload Warning Indicator
- Stand for Full Size Gas Cylinder
- Wire Inching
- Gas Purge
- Burn Back Control
- Soft Start Adjustment
- Holds 15kg Wire Spools
- Supplied with Regulator and Torch
- IP21S
- 3 Years Warranty

The Parweld XTM 303C offers the heavy fabrication industries quality welding performance at a competitive price.

### DC Output

The XTM 303C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

The machine is ideal for welding a range of materials from 1.5mm to 8.0mm.

### Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.6mm wires.

### Enhanced Performance

The 3 Phase operation gives a smoother arc compared to single phase machines. For enhanced performance the XTM 303C is equipped with a soft start and burn back controls.

### Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive, CE Compliant

### XTM 303C Professional Three Phase MIG Machine

Stock Code	Description
XTM303C	Three Phase MIG Machine
XTM303C-P1	Three Phase MIG Machine complete with Torch and Regulator

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC203	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP300A-40E	XP8 Torch Package x 4m Euro
E700123	Regulator 300 Bar SS 2G Argon

### XTM 303C – Technical Information

Parameter	Value
Style	Compact
Machine Type	Transformer
Maximum Current	300A
Wire Feed Speed	0.8-2.4 m/min
Voltage	17-29V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.6mm
Duty Cycle	300A @ 30%
Input Voltage	400V 3P
Input Current (Max)	20A
Fuse Rating	16A
KVA	11
Enclosure Protection	IP23S
Dimensions (mm)	762 x 450 x 720
Weight (kg)	100

### Options

Stock Code	Description
<b>Torch Packages</b>	
XP300A-50E	XP8 300A MIG Torch Package x 5m
<b>Feed Roll Kits</b>	
XTFR0810	Feed Rolls 0.8mm – 1.0mm
XTFR0810A	Feed Rolls 0.8mm – 1.0mm Aluminium
XTFR0812A	Feed Rolls 1.0mm – 1.2mm Aluminium
XTFR0816	Feed Rolls 1.2mm – 1.6mm
XTFR0816A	Feed Rolls 1.2mm – 1.6mm Aluminium
<b>Accessories</b>	
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

**Calibration Certificates are available at the time of order (please note that this is an additional cost).**

Stock Code	Description
CERT-MIG	Calibration Certificate

## XTM 403S PROFESSIONAL THREE PHASE SEPARATE MIG MACHINE

MACHINE



- 400V Three Phase
- 350A @ 60% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Step Voltage Adjustment
- Stepless Wire Speed Control
- Built in Gas Valve
- Wire Inching
- Gas Purge
- Burn Back Adjustment
- Soft Start Adjustment
- Holds Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Supplied with Regulator and XP8 Torch
- Includes 5m Interconnect Cable
- Wire Feeder Water Cooled Ready
- Dual Inductance Setting
- IP21S
- 3 Years Warranty

The Parweld XTM 403S offers large fabrication industries quality welding performance and at a competitive price.

### DC Output

The XTM 403S has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

The machine is ideal for welding a range of materials from 1.5mm to 10.0mm.

### Flexible

The separate wire feed unit provides flexibility when working with large fabrications or where access is restricted.

### Ease of Use

The separate wire feeder carries all the controls with the exception of voltage adjustment so it is easy to fine tune the welding operation without having to return to the power source.

### Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive  
(CE Compliant)

### XTM 403S Professional Three Phase Separate MIG Machine

Stock Code	Description
XTM403S	Three Phase Separate MIG Machine
XTM403S-P1	Three Phase Separate MIG Machine complete with Torch and Regulator

### XTM 403S – Technical Information

Parameter	Value
Style	Separate
Machine Type	Transformer
Maximum Current	350A
Wire Feed Speed	0.8-2.4 m/min
Voltage	13.3-31.5V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.6
Duty Cycle	350A @ 60%
Input Voltage	400V 3P
Input Current (Max)	22A
Fuse Rating	16A
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	1000 x 600 x 1400
Weight (kg)	178

**Calibration Certificates are available at the time of order (please note that this is an additional cost).**

Stock Code	Description
CERT-MIG	Calibration Certificate

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable x 4m
CKC403	Earth Cable Clamp Kit x 3m
XTMGH3	Gas Hose x 3m 3/8" BSP Fittings
XTMC05A	Interconnect Cable x 5m Air Cooled
XP350A-40E	XP8 Torch Package x 4m Euro
E700123	Regulator 300 Bar SS 2G Argon

### Options

Stock Code	Description
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#### Torch Packages

XP350A-50E	XP8 Torch Package x 5m
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#### Feed Roll Kits

XTFR20810	Feed Rolls 0.8mm-1.0mm
XTFR20810A	Feed Rolls 0.8mm-1.0mm Aluminium
XTFR1012A	Feed Rolls 1.0mm-1.2mm Aluminium
XTFR1012K	Feed Rolls 1.0mm-1.2mm Knurled
XTFR1216	Feed Rolls 1.2mm-1.6mm
XTFR1216A	Feed Rolls 1.2mm-1.6mm Aluminium

#### Accessories

XTMC10A	Interconnect Cable x 10m Air Cooled
XTMC05W	Interconnect Cable x 5m Water Cooled
XTMC10W	Interconnect Cable x 10m Water Cooled
XTM-WF100	Wire Feeder 4 Roll
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

## NEW XTE 171C AUTOMOTIVE COMPACT MIG MACHINE

Single Phase Compact MIG Machine supplied with Built In Wire Feeder



- 230V Single Phase
- 140A @ 10% Duty Cycle
- 2 Roll Drive
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Overload Warning Indicator
- Polarity can be changed for Gasless Welding
- Stand for Gas cylinder (half bottle)
- Holds 5kg Wire Spools
- Supplied with Regulator and Torch
- Built in Gas Valve
- 2 Years Return to Base Warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

### DC Output

The XTE 171C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

### Reliable Feeding

The feed box ensures reliable feeding of 0.6mm and 0.8mm wires.

### Versatile and Portable

The XTE 171C cabinet can accept a gas cylinder and its large wheels mean it is easily portable and can be moved from job to job.

### Stock Code

XTE171  
XTE171-P1

### Description

170A Automotive MIG Machine 230V  
Automotive MIG Machine complete with Torch and Regulator

### Technical Information

Parameter	Value
Cabinet Format	Compact
Machine Type	Transformer
Current Range	35-140A
Input Voltage	230V 1P
Minimum fuse size	20A
Voltage Steps	6
Duty Cycle	140A @ 10%
Spool Size	200
Wire Sizes	0.6-0.8mm
Fuse Rating	32A
KVA	6.5
Enclosure Protection	IP23S
Dimensions (mm)	640 x 320 x 480
Weight (kg)	34

### Standard Package Includes

Stock Code	Description
XTMGH3	Gas Hose x 3m c/w 3/8" BSP Fittings
ECR1500-30ER	Eco-Grip Max® MIG Torch Package x 3m
E700123	Regulator 300 Bar SS 2G Argon
XTMCA	Input Cable x 4m

### Options

#### Accessories

Stock Code	Description
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

### Calibration Certificates

Certificates available at time of order for an additional cost

Stock Code	Description
CERT-MIG	Calibration Certificate

## NEW XTE 181C AUTOMOTIVE COMPACT MIG MACHINE

Single Phase Compact MIG Machine supplied with Built In Wire Feeder



- 230V Single Phase
- 180A @ 20% Duty Cycle
- 2 Roll Drive and holds 15kg Wire Spools
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Built in Gas Valve
- Overload Warning Indicator
- Stand for Half Size Gas Cylinder
- Supplied with Regulator and Torch
- 2 Years Return to Base Warranty
- Manufactured to IP21S, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

### DC Output

The XTE 181C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium from 0.75mm to 5.0mm.

### Reliable Feeding

The geared aluminium feed box ensures reliable feeding of 0.8mm and 1.0mm wires.

### Versatile and Portable

The XTE 181C full size cabinet can accept a gas cylinder and its large wheels mean it is easily portable and can be moved from job to job.

### Stock Code

XTE181  
XTE181-P1

### Description

180A Automotive MIG Machine 230V  
Automotive MIG Machine complete with Torch and Regulator

### Technical Information

Parameter	Value
Cabinet Format	Compact
Machine Type	Transformer
Current Range	35-180A
Input Voltage	230V 1P
Minimum fuse size	20A
Voltage Steps	6
Duty Cycle	180A @ 20%
Spool Size	300
Wire Sizes	0.6-1.0mm
Fuse Rating	32A
KVA	9.8
Enclosure Protection	IP23S
Dimensions (mm)	845 x 415 x 505
Weight (kg)	55

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable x 4m
XTMGH3	Gas Hose x 3m 3/8" BSP Fittings
ECR1500-30ER	Eco-Grip Max® MIG Torch Package x 3m
E700123	Regulator 300 Bar SS 2G Argon

### Options

#### Accessories

Stock Code	Description
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

### Calibration Certificates

**Certificates available at time of order for an additional cost**

Stock Code	Description
CERT-MIG	Calibration Certificate

## NEW XTE 201C AUTOMOTIVE COMPACT MIG MACHINE

Single Phase Compact MIG Machine supplied with Built In Wire Feeder



- 230V Single Phase
- 200A @ 20% Duty Cycle
- 2 Roll Drive and holds 15kg Wire Spools
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Built in Gas Valve
- Overload Warning Indicator
- Stand for Half Size Gas Cylinder
- Supplied with Regulator and Torch
- 2 Years Return to Base Warranty
- Manufactured to IP21S, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

### Stock Code

XTE201  
XTE201-P1

### Description

200A Automotive MIG Machine 230V  
Automotive MIG Machine complete with  
Torch and Regulator

### Technical Information

Parameter	Value
Cabinet Format	Compact
Machine Type	Transformer
Current Range	35-200A
Input Voltage	230V 1P
Minimum fuse size	32A
Voltage Steps	6
Duty Cycle	200A @ 20%
Spool Size	300
Gasless Welding	Yes
Wire Sizes	0.6-1.0mm
Fuse Rating	32A
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	845 x 415 x 505
Weight (kg)	56

### Standard Package Includes

Stock Code	Description
XTMCA	Input Cable x 4m
XTMGH3	Gas Hose x 3m 3/8" BSP Fittings
ECR1500-30ER	Eco-Grip Max® MIG Torch Package x 3m
E700123	Regulator 300 Bar SS 2G Argon

### Options

#### Accessories

Stock Code	Description
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

### Calibration Certificates

Certificates available at time of order for an additional cost

Stock Code	Description
CERT-MIG	Calibration Certificate

### DC Output

The XTE 201C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium from 0.75mm to 5.0mm.

### Reliable Feeding

The geared aluminium feed box ensures reliable feeding of 0.8mm and 1.0mm wires.

### Versatile and Portable

The XTE 201C full size cabinet can accept a gas cylinder and its large wheels mean it is easily portable and can be moved from job to job.



## XTS 902 DUAL VOLTAGE WATER COOLER



### Technical Information

Parameter	Value
Input Voltage	110V/230V 1P
Weight empty	19.5kg
Tank capacity	5L
Motor rating 230V	3.0A
Motor rating 110V	6.6A
Heat Exchanger Rating	900W
Max. Water Temperature	+60°C
Max. Ambient Temperature	+40°C
Noise	74dba

Stock Code	Description
XTS902	Dual Voltage Water Cooler
XTS902FS	Dual Voltage Water Cooler with Flow Switch
XTS902-P1	Dual Voltage Water Cooler c/w 10L Ultracool
XTS902FS-P1	Dual Voltage Water Cooler c/w Flow Switch, 10L Ultracool

### Options

Stock Code	Description
XTSUC	Parweld Ultracool Coolant 10L
XTSFSK	Flow Switch Kit
XTSH1	Hook Up Kit x 1m
XTSH3	Hook Up Kit x 3m

- Dual Voltage 110V/230V
- Suitable for use with MIG and TIG Plant up to 500A
- Available with Flow Switch to Protect the Torch
- Quick Connectors for Rapid Hook Up
- Small Foot Print allows location on the Cylinder Stand of Machines
- No Pump Priming Required
- 24 Months Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

## XTS 905 WATER COOLER



### Technical Information

Parameter	Value
Input Voltage	400V / 3P
Weight empty	19.5kg
Tank capacity	5L
Motor rating 230V/400V	1.5A
Heat Exchanger Rating	900W
Max. Water Temperature	+60°C
Max. Ambient Temperature	+40°C
Noise	74dba

Stock Code	Description
XTS905	Dual Voltage Water Cooler
XTS905FS	Dual Voltage Water Cooler with Flow Switch
XTS905-P1	Dual Voltage Water Cooler c/w 10L Ultracool
XTS905FS-P1	Dual Voltage Water Cooler c/w Flow Switch, 10L Ultracool

### Options

Stock Code	Description
XTSUC	Parweld Ultracool Coolant 10L
XTSFSK	Flow Switch Kit
XTSH1	Hook Up Kit x 1m
XTSH3	Hook Up Kit x 3m
XTSH1-303	Hook Up Kit x 1m XTI 303
XTSH3-303	Hook Up Kit x 3m XTI 303

### To order 230V Version use Stock Code XTS904

- Voltage 400V
- Suitable for use with MIG and TIG Plant up to 500A
- Available with Flow Switch to Protect the Torch
- Quick Connectors for Rapid Hook Up
- Small Foot Print allows location on the Cylinder Stand of Machines
- No Pump Priming Required
- 24 Months Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant