



# PLASMA CUTTERS

These incredible, heavy duty Plasma Cutters are tough, durable and are built to cut all day long. With a range of cut sizes and all featuring HF Pilot Arc starting – there is a plasma cutter to suit every environment

## At a glance

- HF Pilot Arc Starting
- 12-26mm Genuine Clean Cut
- Easy torch fitting
- High 60% duty cycle
- 2 year warranty

## Applications

- General Fabrication
- Marine Applications
- Aerospace
- Automotive Industry
- Agriculture

## Four models, four cutting sizes – one massive specification

The **Plasma 40/60/80 & 100HF** models make choosing a reliable and powerful plasma cutter easier than ever before

High Frequency Pilot Arc Starting means a perfect start to the cut every time – even on painted surfaces and an increase in consumable life

All our Plasma Cutters feature industry leading high duty cycles enabling you too keep cutting all day long with no loss of performance

Our quick fitting, six metre torch enables easy torch replacement

The **P40HF Plasma Cutter** requires a single phase 240v 32a input  
The **P60/80/100HF Plasma Cutters** require a 415v 3-phase input

Our complete package includes a 6M Plasma Cutting Torch, Earth Lead, Mains Cable, Air Pressure Regulator and PCL fitting, Owners Manual and a Torch Consumables Kit including 5x Tips/Electrodes and 3x Ceramic Cups

## Choose the right model for the job

Model:	Severance Cut Size (Steel)	Clean Cut Size (Steel)	Cut Size (Alloy/Stainless)
Plasma 40HF	<b>16mm</b>	<b>12mm</b>	<b>9mm</b>
Plasma 60HF	<b>25mm</b>	<b>17mm</b>	<b>13mm</b>
Plasma 80HF	<b>32mm</b>	<b>22mm</b>	<b>17mm</b>
Plasma 100HF	<b>35mm</b>	<b>26mm</b>	<b>21mm</b>

**All our Plasma Cutters feature a two year warranty as standard**

## TECHNICAL SPECIFICATIONS

### PLASMA 40HF – 240v

Output @ 60% Duty Cycle	40 amps
Input Amperage	32 amps
Genuine Clean Cut Size on Mild Steel	12mm
Genuine Cut Size on Alloy/Stainless Steel	9mm
Severance Cut size on steel	16mm
HF Pilot Arc (easy starting)	yes
HF Pilot Arc Re-Start	yes
LED amperage display	yes
Generator friendly recommended size	8 KVA
Industrial Quality Metal Chassis	yes
Cooling Fan with thermostatic protection	yes
Quick Fit Torch	yes
Air Consumption @ 3.45 bar (50psi)	100L/min (3.5cfm)
Long Life Consumables	yes
Net Weight	18Kg
Dimensions (mm)	425x195x310

### PLASMA 60HF – 415v

Output @ 60% Duty Cycle	60 amps
Input Amperage	12.5 amps
Genuine Clean Cut Size on Mild Steel	17mm
Genuine Cut Size on Alloy/Stainless Steel	13mm
Severance Cut size on steel	25mm
HF Pilot Arc (easy starting)	yes
HF Pilot Arc Re-Start	yes
LED amperage/voltage display	yes
Generator friendly recommended size	13.5 KVA
Industrial Quality Metal Chassis	yes
Cooling Fan with thermostatic protection	yes
Quick Fit Torch	yes
Air Consumption @ 3.80 bar (55psi)	100L/min (3.5cfm)
Long Life Consumables	yes
Net Weight	30Kg
Dimensions (mm)	570x330x600

### PLASMA 80HF – 415v

Output @ 60% Duty Cycle	80 amps
Input Amperage	17.6 amps
Genuine Clean Cut Size on Mild Steel	22mm
Genuine Cut Size on Alloy/Stainless Steel	17mm
Severance Cut size on steel	32mm
HF Pilot Arc (easy starting)	yes
HF Pilot Arc Re-Start	yes
LED amperage/voltage display	yes
Generator friendly recommended size	19 KVA
Industrial Quality Metal Chassis	yes
Cooling Fan with thermostatic protection	yes
Quick Fit Torch	yes
Air Consumption @ 3.80 bar (55psi)	150L/min (5.25cfm)
Long Life Consumables	yes
Net Weight	42Kg
Dimensions (mm)	570x330x600

### PLASMA 100HF – 415v

Output @ 60% Duty Cycle	100 amps
Input Amperage	22 amps
Genuine Clean Cut Size on Mild Steel	26mm
Genuine Cut Size on Alloy/Stainless Steel	21mm
Severance Cut size on steel	35mm
HF Pilot Arc (easy starting)	yes
HF Pilot Arc Re-Start	yes
LED amperage/voltage display	yes
Generator friendly recommended size	24 KVA
Industrial Quality Metal Chassis	yes
Cooling Fan with thermostatic protection	yes
Quick Fit Torch	yes
Air Consumption @ 3.80 bar (55psi)	150L/min (5.25cfm)
Long Life Consumables	yes
Net Weight	43Kg
Dimensions (mm)	570x330x600

SEE THE RANGE OF **240v AIR COMPRESSORS**

SEE THE RANGE OF **415v AIR COMPRESSORS**










CUT PERFECT CIRCLES WITH THE P40 **CIRCLE CUTTING KIT**

CUT PERFECT CIRCLES WITH THE P80 **CIRCLE CUTTING KIT**

### PLASMA CONSUMABLES – PLASMA 40HF

CUTTING TIP	CERAMIC CUP	STAND OFF SPRING	TORCH SWITCH	TORCH HEAD	COMPLETE TORCH	ELECTRODE
						
P40-CT	P40-CC	P40-SS	TS1	P40-THH	P40-6MHHT	P40-EL

### PLASMA CONSUMABLES – PLASMA 60, 80 & 100HF

ELECTRODE	CUTTING TIP 0.8mm 30A	CUTTING TIP 1.1mm 60A	CUTTING TIP 1.3mm 80A	CUTTING TIP 1.5mm 100A	SHROUD	TORCH HEAD	COMPLETE 6M HAND TORCH	TORCH HEAD MACHINE TYPE
								
P60100-EL	P60100-CT08	P60100-CT11	P60100-CT13	P60100-CT15	P60100-SH	P60100-THH	P60100-6MHHT	P60100-THM