



**STRATA**  
SUPERIOR WELDING PRODUCTS

**PLASMA 80A CUTTER**  
**ADVANCECUT80**

  
**80A**  
Max Ouput (Plasma)

  
**30mm**  
Max Production Cut Capacity

  
**32A 400V**  
THREE-PHASE



## 80A Three-Phase Inverter Plasma Cutter



- ✓ **Industrial Duty Strata TH-125 Plasma Torch** - Superior cutting performance and consumable life
- ✓ **Automatic Pilot Arc Control System** - Increased cutting speed and capability, especially for discontinuous cutting
- ✓ **CNC Interface Connection**
- ✓ **Non HF Arc Starting System** - Increased reliability and low EMF pollution
- ✓ **Intelligent Plasma Torch Protection System** - Protects plasma torch from damage from incorrect air pressure, consumables not in place, excessive pilot arc use.
- ✓ **Intelligent Machine Protection System** - Temperature, voltage and current sensors for increased reliability & safety
- ✓ **Microprocessor Control System** - Superior & Dynamic Arc Characteristics
- ✓ **Industrial IP23 casing with front panel protection** - Resistant to damage, moisture and corrosion
- ✓ **Protected external air regulator with water trap/ filter** - Easy adjustment & serviceability
- ✓ **IGBT Inverter Technology** - Smooth & stable output, increased reliability, high duty cycle
- ✓ **Lightweight & Compact Design** - Ideal for portable applications
- ✓ **Production tested with 550V** - Extreme stress testing in production for rugged reliability.
- ✓ **Generator Friendly** - Designed to work with generator power supply and protect from power surges.
- ✓ **Air flow manual activation switch** - Set & test air pressure without the need to trigger the torch

Description	Details
DIMENSIONS (LxWxH)	640 x 240 x 445mm
WEIGHT	23kg
INPUT POWER SUPPLY	400V AC 3 Phase 20A 50/60Hz
INPUT POWER SUPPLY TOLERANCE	+/-10%
MAXIMUM INPUT CURRENT	18.4A
GENERATOR CAPACITY	15KVA
PLASMA CURRENT OUTPUT	20-80A
DUTY CYCLE	80A@60% 62A@100%
PLASMA PRODUCTION CUT CAPACITY - CARBON STEEL	30mm
PLASMA PRODUCTION CUT CAPACITY - ALUMINIUM	20mm
PLASMA SEVERANCE CUT - CARBON STEEL	45mm

Description	Details
INSULATION CLASS	IP23
COMPRESSED AIR REQUIREMENT	295L/min, 6 bar
POWER EFFICIENCY	80%
POWER FACTOR	0.8
STANDARDS	AS/ IEC60974-1:2012
WARRANTY	48 Months

### Includes:



### Optional:



**ADVANCECUT80**  
User guide, specs, videos

[LEARN MORE](#)



## PLASMA CUTTING ACCESSORIES & CONSUMABLES

○ Standard ● Optional

ACCESSORY:	EZICUT40i	ADVANCECUT45	ADVANCECUT80	ADVANCECUT125
Earth Leads	○ AEL1625	○ AEL3550	○ AEL1625	○ AEL3550
Plasma Torch	○ 17373	○ 17373	○ XTY125-6X-CC	○ XTY125-6X-CC
Consumables Kit	● XT4000KIT	● XT4000KIT	● TH125KIT	● TH125KIT
Machine Torch	-	-	● YM125-12-CC64	-

### Automatic Welding Helmets

- ✓ Variable Shade
- ✓ Complete with batteries ready to go
- ✓ Suitable for automotive DIY and industrial use.

<b>WT180</b>	Variable Shade 9-13
<b>WT350</b>	True Colour, 4 Sensor with grind function
<b>SV3000</b>	True Colour, Shade 5 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
<b>SV4000</b>	Panoramic view with auto darkening side panels. Shade 4 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
<b>DW7000XL</b>	True Colour, with grinding visor. Shade 5 - 13 + PRSL Filtration System (MIG/TIG/MMA/Plasma)



WT180



WT350



SV3000



SV4000



DW7000XL comes with battery powered air respirator.



WT-AWG01



WT-AWG02



WT-TWG20

### XT4000 Plasma Cutting Torch Consumables:

#### Electrodes

CODE:	DESCRIPTION:
<b>XT4003</b>	Standard Electrode (XT4000)
<b>XT4003-L</b>	Extended Electrode (XT4000)

#### Cutting Tips

<b>XT4005-08</b>	0.8mm Cutting Tip, 20 - 30A (XT4000)
<b>XT4005-09</b>	0.9mm Cutting Tip, 30 - 40A (XT4000)
<b>XT4005-08L</b>	0.8mm Extended Cutting Tip, 20 - 30A (XT4000)
<b>XT4005-09L</b>	0.9mm Extended Cutting Tip, 30 - 40A (XT4000)

#### Other

<b>XT4006</b>	Gas Distributor (Swirl Ring) (XT4000)
<b>XT4007</b>	Retaining Cap (XT4000)
<b>XT4008</b>	Stand Off Guide (XT4000)

### Premium Welding Gloves

- ✓ Fully lined
- ✓ Quality Hard-Wearing Leather
- ✓ One piece back
- ✓ Special "comfort fit".

<b>WT-AWG01</b>	Black/Gold Gloves - Pair
<b>WT-AWG02</b>	Red/Gold Gloves - Pair
<b>WT-TWG20</b>	TIG Welding Gloves - Pair

### Strata Integrated Storage Trolley

- ✓ Pull out drawer
- ✓ 25.85kg, 920 x 420 x 450mm (L x W x H)

<b>32673</b>	Integrated Storage trolley
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### Extension Cord

- ✓ 28A rated cable / 100% duty cycle
- ✓ Suitable for any equipment on 15A plug

<b>16895</b>	Heavy Duty Extension Cord, 15m - 3-Core, 2.5mm Cable w/ 15A plug & Socket
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