



# STRATA

SUPERIOR WELDING PRODUCTS



## ADVANCECUT 45



### 40A PFC INVERTER PLASMA CUTTER

Sever cut up to 16mm of carbon steel with intelligent machine and plasma torch protection system. The ADVANCECUT 45 offers a powerful machine in a compact package - ideal for the serious industrial user.

- IGBT Inverter technology for smooth & stable output and increased reliability
- Microprocessor control system with superior & dynamic arc characteristics
- Increased duty cycle and energy efficiency with active PFC technology
- Multi voltage input - will operate with wide range of input voltage, can even be used with long extension leads
- Protected external air regulator with water trap/filter enabling easy adjustment and servicing
- Safe and robust connection to machine with Euro Connect torch system
- Advanced Strata plasma torch with European torch head enables superior cutting performance and long consumable life
- Non-HF arc starting system increases reliability and lowers EMF pollution
- Auto pilot arc control increases cutting control, especially for discontinuous cutting
- Lightweight and compact design - ideal for portable applications
- Extreme stress tested in production up to 440V, ensuring rugged reliability
- Industrial IP23 casing with front panel protection, resists damage, moisture and corrosion
- Durable and reliable with high quality & over specified electronic components
- Intelligent plasma torch protection system protects torch damage from incorrect air pressure, consumables not in place, excessive pilot use etc.
- Intelligent machine protection system with temperature, voltage and current sensors for increased reliability & safety
- Designed to work with generator power supply with protection from power surges
- Air flow manual activation switch sets and tests air pressure without triggering the torch
- Accessories include 3m earth lead with heavy duty earth clamp and Strata XT4000 PT-60, 6m plasma torch.



230V 50HZ SINGLE PHASE



DIRECT CURRENT



CORROSION RESISTANT



IGBT INVERTER TECHNOLOGY



INTELLIGENT PROTECTION SYSTEM



POWER FACTOR CORRECTION



MULTI VOLTAGE 110 - 230V



SPIKE/GENERATOR SAFE



15 AMP PLUG

DIMENSIONS (LxWxH)	WEIGHT	INPUT POWER SUPPLY	INPUT POWER SUPPLY TOLERANCE	MAXIMUM INPUT CURRENT	GENERATOR CAPACITY	PLASMA OUTPUT CURRENT	DUTY CYCLE	PRODUCTION CUT CAPACITY	INSULATION CLASS	POWER EFFICIENCY	POWER FACTOR
510 x 146 x 278mm	8kg	230V AC 15A 50/60Hz	90 - 275V AC	21A	6kVA	20 - 40V	40A@44% 30A@100%	Steel - 16mm Alum - 12mm Carbon Steel - 16mm	IP23	80%	0.99

COMPRESSED AIR REQUIREMENT	STANDARDS	WARRANTY
110L/min 5bar	EN60974-1: 2012	36 months






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## ADVANCE CUT 45 PLASMA CUTTING ACCESSORIES & CONSUMABLES

○ Standard ● Optional

ACCESSORY:	ADVANCECUT 45	ADVANCECUT 75	ADVANCECUT 125
Earth Leads 	○ AEL3550	○ AEL3550	○ AEL3550
Plasma Torch 	○ 17373	○ XTY125-6X-CC	○ XTY125-6X-CC
Consumables Kit 	● XT4000KIT	● TH125KIT	● TH125KIT



WT-AWG01



WT-AWG02



WT-TWG20

### Black/Gold Welders Gloves

- Fully lined • One piece back • Special "comfort fit".

WT-AWG01	Black/Gold Gloves - Pair
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### Red/Black Premium Welders Gloves

- Fully lined • Premium quality leather
- Reinforced palm • Special "comfort fit".

WT-AWG02	Red/Gold Gloves - Pair
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### TIG Welders Gloves

- Specially designed for TIG welding
- Fine, hardwearing quality leather.

WT-TWG20	TIG Welding Gloves - Pair
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### XT4000 Plasma Cutting Torch Consumables: Electrodes

CODE:	DESCRIPTION:
XT4003	Standard Electrode (XT4000)
XT4003-L	Extended Electrode (XT4000)

### Cutting Tips

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

### Other

XT4006	Gas Distributor (Swirl Ring) (XT4000)
XT4007	Retaining Cap (XT4000)
XT4008	Stand Off Guide (XT4000)

### Extension Cord

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

16895	Heavy Duty Extension Cord, 15m - 3-Core, 2.5mm Cable w/ 15A plug & Socket
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### Automatic Welding Helmets

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

SV3000	Auto Welding Helmet, Shade 5 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
SV4000	Auto Welding Helmet, Shade 4 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
DW7000XL	Auto Welding Helmet, Shade 5 - 13 + PRSL Filtration System (MIG/TIG/MMA/Plasma)



SV4000



SV3000



DW7000XL comes with battery powered air respirator.