



STRATA
SUPERIOR WELDING PRODUCTS

PLASMA 120A
CUTTER
ADVANCECUT125


80A
Max Output (Plasma)


30mm
Max Production Cut Capacity


32A 400V
THREE-PHASE



120A Three-Phase CNC Inverter Plasma Cutter

- ✓ **IGBT Inverter Technology** - Smooth & stable output, increased reliability, high duty cycle
- ✓ **Dual HF/Non-HF Arc Starting System** - Increased reliability and low EMF pollution
- ✓ **CNC Interface Connection**
- ✓ **Full Colour LCD Control Panel** – Simple and clear display of all parameters
- ✓ **On-board Air Pressure Sensor** – Accurate monitoring & control of compressed air supply pressure
- ✓ **Heavy Duty Italian TH-125 6m 125A Plasma Torch** - Superior cutting performance and consumable life
- ✓ **Automatic Pilot Arc Control System** - Increased cutting speed and capability, especially for discontinuous cutting
- ✓ **Intelligent Plasma Torch Protection System** - Protects plasma torch from damage from incorrect air pressure, consumables not in place, excessive pilot arc use.
- ✓ **Protected external air regulator with water trap/ filter** - Easy adjustment & serviceability
- ✓ **Intelligent Machine Protection System** - Temperature, voltage and current sensors for increased reliability & safety
- ✓ **Industrial IP23 casing with front panel protection** - Resistant to damage, moisture and corrosion
- ✓ **Production tested with 550V** - Extreme stress testing in production for rugged reliability.
- ✓ **Automatic Shut Down Feature** – if power supply phase loss occurs, to prevent damage
- ✓ **Euro Torch Connection to Machine**
- ✓ **Air flow manual activation switch** - Set & test air pressure without the need to trigger the torch

Description	Details
DIMENSIONS (LxWxH)	660 x 240 x 445mm
WEIGHT	33kg
INPUT POWER SUPPLY	400V AC 32A 3 Phase 50/60Hz
MAXIMUM INPUT CURRENT	34A
GENERATOR CAPACITY	25KVA
PLASMA CURRENT OUTPUT	20-120A
DUTY CYCLE	120A@60% 100A@100%
PRODUCTION CUT CAPACITY	Carbon Steel 50mm Aluminum 45mm
COMPRESSED AIR REQ.	295L/min 6 Bar
STANDARDS	EN60974-1:2012
WARRANTY	48 Months

Includes:



4m
Earth Lead



Strata PT-60
XT4000 60A
Plasma Cutting
Torch 6m

Optional:



Plasma
Consumables
Starter Kit



ADVANCECUT125
User guide, specs, videos

LEARN MORE

www.strata.co.nz



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.

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

Premium Welding Gloves

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

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

Strata Integrated Storage Trolley

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

32673	Integrated Storage trolley
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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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