



STRATA

SUPERIOR WELDING PRODUCTS

• ADVANCECUT 100 •

PLASMA CUTTER

The AdvanceCut100 offers superior functionality in the Plasma cutting sector. Utilising IGBT module inverter technology and dual HF/Non HF arc starting systems, the user has the convenience of reliable high performance cutting. The AdvanceCut100 is the easy choice for your heavy duty plasma cutting needs.



- IGBT module inverter technology for smooth, stable output, increased reliability, 100% duty cycle
- Dual HF/Non HF arc starting systems for high starting reliability, or non HF start torch system for low EMF pollution.
- Digital air pressure meter for accurate and clear display of input air pressure.
- Microprocessor control system for superior & dynamic arc characteristics
- CNC interface connection
- Protected external air regulator with water trap/ filter for easy adjustment & servicing
- Euro connect torch system with safe & robust connection to machine
- Advanced Strata plasma torch with european torch head for superior cutting performance and consumable life
- Automatic pilot arc control system for increased cutting capability, especially for discontinuous cutting
- Extreme stress tested to 550v in production for rugged reliability
- Strong environmental protection against moisture, salt spray and corrosion
- High quality & over specified electronic components for durability & reliability
- Intelligent protection system protects plasma torch from damage
- Air flow manual activation switch to set & test air pressure.



CORROSION
RESISTANT



IGBT INVERTER
TECHNOLOGY



DIRECT
CURRENT



400V 50HZ
3 PHASE



PILOT
ARC START



SPIKE/
GENERATOR
SAFE



CNC
CUTTING



INTELLIGENT
PROTECTION
SYSTEM

ADVANCECUT 100

DIMENSIONS:	WEIGHT:	INPUT POWER SUPPLY:	MAX. INPUT CURRENT:	GENERATOR CAPACITY:	CURRENT OUTPUT:	DUTY CYCLE:	PRODUCTION CUT CAPACITY	COMPRESSED AIR REQ.	STANDARDS:
660 x 240 x 445	30.5kg	400V AC 32A 50/60Hz	28A	20KVA	20 - 100A	100% @ 100A	Carbon Steel 45mm Aluminium 36mm	295L/min 5bar	EN60974-1:2012

* 36 Month Warranty only with online registration of product - www.strata.co.nz