

PRODUCT INFORMATION

SifWeld Cut100

TSX3P100

SUMMARY

Plasma delivers faster cutting speeds than oxy / fuel processes and leaves the cut face clean and weldable, with greatly-reduced distortion or work-hardening.

TARGET APPLICATIONS

The SifWeld Cut100 is a professional 100Amp 3ph plasma cutting system designed for hand-held and automated cutting in the heavy fabrication, manufacturing, demolition and general maintenance industries.



FURTHER INFORMATION

Featuring IGBT inverter technology, the SifWeld Cut100 plasma cutter is engineered to consistently deliver heavy-duty cutting performance. This is ideal to cut up to 30mm thick steel. The high frequency cutting torch ensures exceptionally smooth, clean cuts, and comes with a quick-connect central adapter to ensure effortless connection, and cost effective replacement of the torch. The SifWeld Cut100 can be used to efficiently cut mild and low-alloy steels, stainless, aluminium, copper, titanium and nickel alloys.

ARTICLES & ACCESSORIES

Part Number	Product Description
TSX3P100	SifWeld Cut100 Package
TSX3PTA101	SifWeld Cut100 4m Torch
SWPD101-11	Cutting Tip 1.1mm
SWPD101-14	Cutting Tip 1.4mm
SWPD101-17	Cutting Tip 1.7mm
SWPR101	Electrode
SWPC109	Nozzle
SWPE101	Air Diffuser
SWCV11	Stand-off Spring
TSX3D400MTSTR	SifWeld MTS Trolley

TECHNICAL SPECIFICATION

Power Voltage (V)	380v +/- 15%
Frequency (Hz)	50/60
Phase	3ph
Rated Input (KVA)	14.1
Open Circuit Voltage	280
Amperage Range (A)	30 -100
Rated Duty Cycle (%)	60
Rated Working Voltage (V)	92 - 120
Power Factor	0.93
Efficiency	0.85
Max Cutting Thickness (mm)	35
Air Pressure Required	2 – 5 Bar (30 – 80 PSI)
Post Flow Time (S)	4
Dimensions (mm)	685 x 295 x 560
Air Flow Required	140-170 lpm (5-6 CFH)

For further information, contact Weldability | Sif Weld support on **0870 330 7757** or email service@weldability-sif.com