



designed
developed &
quality controlled
in germany



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2019 **PROFESSIONAL IN WELDING**
Ihr Partner für Schweißtechnik
Your Partner For Welding Technology

Paris 700



Quick specs



Industrial Application:

Home workshops
Metal workshops
Light fabrication
Repair and maintenance

For These materials:

Mild Steel
Brass
Stainless Steel
Copper
Aluminum
Processes: Plasma cutting

Input Power: 400V, 3-Phase

Amperage Range: 20-70A

Rated Output at 40 °C (104 °F):

70A at 108V @60% Duty Cycle

Weight: 10 KG

Compact, indestructible and versatile

The CUT-Paris700 manual plasma system is designed from the base of the full digital control system, providing excellent cutting and performance on material up to 20mm thickness. This three-phase inverter based power source can easily and accurately cut through a range of materials including mild/stainless steel and aluminum. It is ideal for applications including car panels, light maintenance.

Powerful with heavy duty cycle of 60% at 70A, the maximum output.

CUT-Paris700: HF ignition with AG60 torch ensures the excellent cutting performance.

The CUT-Paris700 control system incorporates features such as auto-pilot restart, equipped with industry renowned torch for superior durability and consumable life.

The CUT-Paris700 operates with three-phase power supply.

Specialist Features

- ◆ Pilot Arc for superior arc performance and easy start.
- ◆ **Continuous Output Control:** focus the arc for different material thickness.
- ◆ **Powerful with heavy duty:** 70A @60%.
- ◆ Recommended 20mm quality cut capacity (0.5 m/min, with optional torch).
- ◆ Generator power supply friendly.
- ◆ Weight around 10kg making it easy to carry around the workplace.

Outstanding Quality:

- ◆ Newly designed using the latest power electronic technology for improved reliability.
- ◆ CE Certified.
- ◆ Three Years Warranty on parts , Five Years Warranty on Transformer .



Technical specifications

Description	SIWM DIGITAL Paris700
Weight	10 kg
Power Source Dimensions	H365mm x W160mm x D380mm
Cooling	Fan Cooled
Welder Type	Inverter Power Source
European Standards	EN 60974-1 / IEC 60974-1
Number of Phases	3
Nominal Supply Voltage	400V +/- 15%
Nominal Supply Frequency	50/60Hz
Welding Current Range (CUT)	20 - 70A
Effective Input Current	13.8A
Maximum Input Current	10A
Single Phase Generator Requirement	15KVA
Welding Output, 40 °C, 10 min.	70A @ 60%, 108V / 54A @ 100%, 101.7V
Open circuit voltage	311V DC
Protection Class	IP23
Quality Cutting Thickness (500mm/min)	15mm (Steel cutting capability / Thickness to scale.)
Maximum Cutting Capacity	20mm (Steel cutting capability / Thickness to scale.)

Accessories

For Standard accessories



PLASMA torch: AG-60
Current: 20-70 Amps
Duty Cycle: 60%
Gas: AIR/N2
Gas Pressure: 65-75 psi(4.4-5.0 Bar)
Gas Flow: 340 scfh(160 LPM)
Pilot : Electrode to Tip (18-22A)
Ignition: Pilot HF
Standard Length: 4M



Reducing valve
AW2000



Electrode holder
with cable 2.5M