CUT 100H

POWERFUL, HIGH PERFORMANCE PLASMA IGBT.

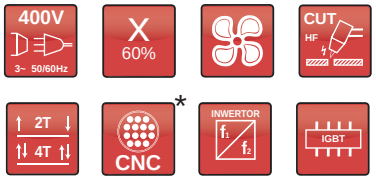
PRELIMINARY INFORMATION

SPARTUS Master CUT100H. Professional, inverter plasma cutter, constructed on the basis of IGBTs. Designed for cutting metals and other electrically conductive materials. It is powered from three-phase 400V source power.

DESCRIPTION

It is high power plasma source. Cutting current between 30 – 100A, allows to cut materials up to **35mm** thickness. The parameters stabilization system, high quality plasma torch (which is included to cutter) provides great cutting performance and quality.

SPARTUS Master CUT100H has user-friendly control panel with digital display parameters. It allows smooth control of cutting current and post flow function (longer life of plasma torch). Easy plasma arc ignition enables a built-in contactless HF arc ignition system. High performance cooling device and overload control system ensures trouble-free operation even in hard conditions.



** option*

EXAMPLES OF USE

- light industrial,
- portable repair,
- production,
- CNC plasma tables (CNC PACKAGE).

SPARTUS Master CUT 100H

TECHNICAL PARAMETERS

Input	~3 x 400V ±10% 50/60 Hz
Cutting current [A]	30 – 100
Max. cutting thickness [mm]	35
Duty cycle [%]	60
PLASMA PARAMETERS	
Recomended work pressure [bar]	5,5
Recomended compressor efficiency [l/min]	200
Post gas flow	✓
HF pilot arc start	✓
2T/4T Control	✓
OTHER	
Current consumpiton [A]	21,9
Power factor (cosφ)	0,93
Efficiency η [%]	85
Insulation class	F
Protection class	IP23
Weight [kg]	33,5
Dimensions [mm]	660 × 270 × 480

PACKAGE EQUIPMENT

- 3 meter work clamp
- Air hose
- Air filter with the pressure control
- Handy plasma torch SPARTUS SP120H (consumable parts type: EWS® EX100) 6m with toolbox (free consumables kit)
- User's manual

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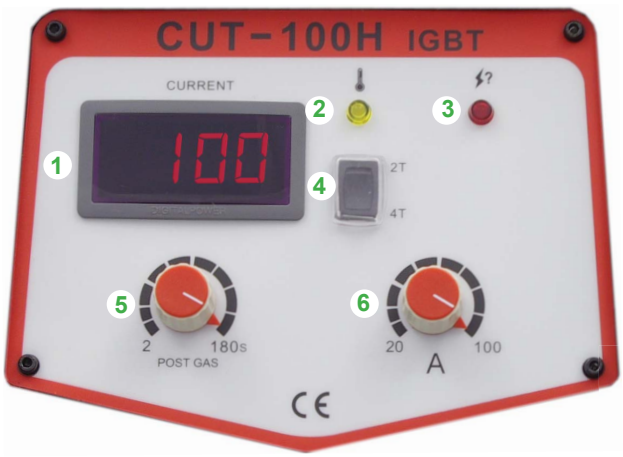
FUNCTION PANEL



1. Digital meter
2. Abnormal indicator
3. Abnormal voltage
4. 2T/4T switch
5. Post-blow adjustment knob
6. Cutting current adjustment knob

Ask your Distributor about CNC plasma table SPARTUS Pro

SPARTUS® is not a brand-dependent and / or in any way connected with EWS®. Offered plasma torch is produced from a different manufacturers documentation for SPARTUS®.