

CUT 70H

EFFICIENT, COMPACT PLASMA IGBT.

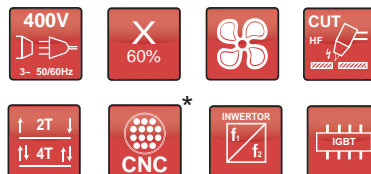
PRELIMINARY INFORMATION

SPARTUS Master CUT70H. 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

Modern, dependable and exceptionally lightweight (approx. 30% lighter than other plasma cutters with similar power). Cutting current between 20 - 70A, allows to cut materials up to 25mm thickness.

SPARTUS Master CUT70H cutter is equipped with control panel with digital display parameters. It has infinitely adjustable cutting current and Post flow function (longer life of plasma torch). Built-in professional HF arc ignition system, overload control system and parameters stabilization system, provides excellent cutting quality in all conditions.



* option


EXAMPLES OF USE

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

TECHNICAL PARAMETERS


| | |
|---|-------------------------|
| Input | ~3 x 400V ±10% 50/60 Hz |
| Cutting current [A] | 20 – 70 |
| Max. cutting thickness [mm] | 25 |
| Duty cycle [%] | 60 |
| PLASMA PARAMETERS | |
| Output working voltage [V] | 108 |
| Recommended work pressure [bar] | 5,5 |
| Recommended compressor efficiency [l/min] | 170 |
| Post gas flow | ✓ |
| HF pilot arc start | ✓ |
| OTHER | |
| Current consumption [A] | 13,8 |
| Power factor (cosφ) | 0,93 |
| Efficiency η [%] | 85 |
| Insulation class | F |
| Protection class | IP23 |
| Weight [kg] | 19,4 |
| Dimensions [mm] | 540 x 220 x 370 |

PACKAGE EQUIPMENT

- 3 meter work clamp
- Air hose
- Air filter with the pressure control
- Handy plasma torch SPARTUS SP70H (consumable parts type: CEBORA® P70 / EWS® EX60) 6m with toolbox (free consumables kit)
- User's manual 



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- 3 meter work clamp
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FUNCTION PANEL



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

