CUT 105CNC

STRONG, EFFECTIVE, INDUSTRIAL PLASMA CUTTER.

PRELIMINARY INFORMATION

SPARTUS Pro CUT105CNC. It is a professional inverter plasma cutter with integrated CNC control socket. Designed for cutting metals and other electrically conductive materials. It is powered with three-phase 400V source power.



DESCRIPTION

Through the use of modern technology, we have obtained excellent source for professional plasma cutting. Maximum cutting current is 105A and the maximum thickness of the material being cut equals **55mm**.

This unit has a lot of innovative solutions to support the process of plasma cutting and the operation of the device. It has pilot arc ignition system without high-frequency (no HF - pilot arc is ignited by shifting back of the electrode).

The cutter is equipped with a pressure reducer with air filter which is mounted at the rear of the casing, in a place specially designed for that purpose (protection against damage eg. during the move).
Built-in displays: cutting current and air pressure. Allows to full control of the cutting parameters.





EXAMPLES OF USE

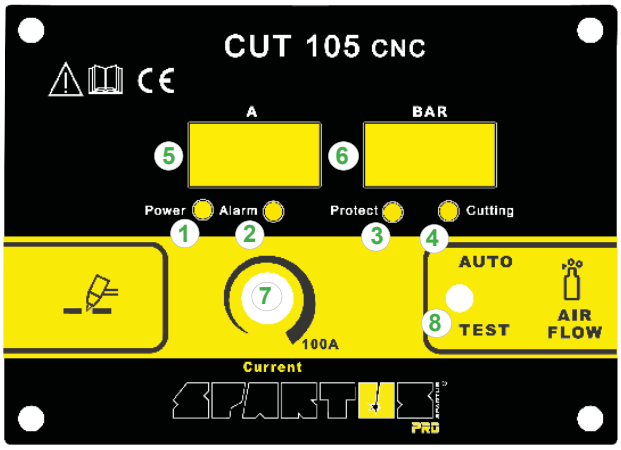
- produce,
- industry,
- CNC tables.

SPARTUS Pro CUT 105CNC

TECHNICAL PARAMETERS

Input	~3 x 400V ±10% 50/60 Hz
Cutting current [A]	20 – 100
Max. cutting thickness [mm]	55
Duty cycle [%]	100
PLASMA PARAMETERS	
Output working voltage [V]	88 – 125
Recomended work pressure [bar]	5,5
Recomended compressor efficiency [l/min]	200
Post gas flow [s]	60
Contactless pilot arc ignition (no HF)	bez HF
OTHER	
Current consumpiton [A]	35
Power factor (cosφ)	0,76
Efficiency η [%]	85
Insulation class	H
Protection class	IP23
Weight [kg]	33
Dimensions [mm]	640 × 240 × 460

FUNCTION PANEL



1. Power indicator
2. Abnormal indicator - overheating
3. Abnormal indicator - secure cap is mounted incorrectly
4. Indicator - shows that cutting process is carried out (The pilot arc is currently working)
5. Digital meter – current Amps
6. Digital meter – air pressure bar
7. Adjustment knob
8. Two position switch - normal work, gas test (60s)

PACKAGE EQUIPMENT

- 3 meter work clamp
- Air hose
- Air filter with the pressure control
- Handy plasma torch SPARTUS SP100H (consumable parts type: PT100) 6m with toolbox (free consumables kit)
- User's manual

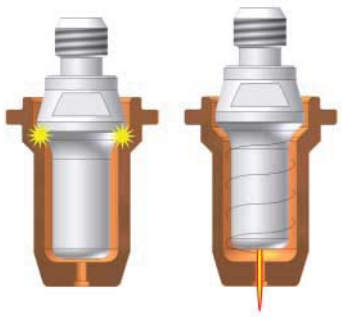


Male plug TYPE26

PACKAGE CNC EQUIPMENT

- 3 meter work clamp
- Air hose
- Air filter with the pressure control
- Machine plasma torch SPARTUS SP100M (consumable parts type: PT100) 6m with toolbox (free consumables kit)
- User's manual





THE ELECTRODE REGRESS EFFECT.

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