

Product Detail:

Code: S00383**Model:** COMBO HI-MIG 2020

COMBO HI-MIG 2020 is a single-phase multi-process inverter power source, able to weld alternately in MIG/MAG, MMA or DC TIG ("lift" start) mode. It is very versatile and suitable for various applications, in particular for medium metal works.

- Equipped with new graphic interface with 4.3" high-resolution color display.
 - TIG welding with start by "lift" contact.
 - Possibility of pulsed TIG welding.
 - Suitable to weld in MMA-SMAW mode both rutile and basic electrodes.
 - It can be connected to motor-driven generators of adequate power.
 - Equipped with EURO type connection for MIG/MAG and TIG torches.
 - It's equipped with PFC (Power Factor Correction) device to reduce the power absorption.
 - Possibility to activate a security password.
 - On request the transport trolley is available,
- MAIN CHARACTERISTICS IN MIG/MAG**
- Exceptionally good arc stability at low amp rating.
 - Synergic control, that permits to control the welding conditions through just one variable, all the others being preset and dependent on this.
 - Equipped with a 4-roller (D. 30 mm) wire feeder for an optimal wire feeding. Replacement of rollers without tools.
 - Provided with a wide range of synergic curves (short and pulse) for solid wire.
 - The DOUBLE PULSE function, available as an optional, facilitates the welding of thin materials without deformations or in particular conditions.
 - Synergic programs for steel allow working with either mixed gasses Ar+8/18/25%CO₂ or 100% CO₂.
 - Selecting the manual working mode, it's possible to modify the welding parameters freely.
 - Possibility to use wire reels up to D. 300 mm, 15 kg.
 - The wide display allows the operator to select and easily set the various welding modes and options. Furthermore, it gives the possibility to have always the clear indication of the current welding parameters (selected process, type and diameter of the used wire, shielding gas, voltage, current, wire speed and material thickness).
 - The adjustable welding options are: Arc Length, short or pulsed (optional) welding process, 2 times / 4 times, Spot Time, Pause Time, Inductance, Burn Back, Soft Start, pre-gas, post gas, Automatic Hot Start, Automatic Crater Filler and 3 levels.



Technical Data:

| | | | |
|---|---|---|---|
| Code | S00383 | | |
| Item | COMBO HI-MIG 2020 | | |
| Mode | MIG | TIG | MMA |
| Input Voltage | 1x230V 50-60Hz | 1x230V 50-60Hz | 1x230V 50-60Hz |
| Absorbed power | 30% 6 KVA 60% 4,6 kVA 100% 4,2 kVA | 330% 4,5 KVA 60% 3,2 kVA 100% 2,2 kVA | 40% 5,3 KVA 40% 5,3 KVA 60% 4,3 kVA 100% 3,8 kVA |
| MIN-MAX Welding current | 20÷200A SHORT 20÷160A PULSE | 10÷200A | 20÷160A |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 30% 200A - 60% 155A - 100% 140A | | 40% 160A - 60% 135A - 100% 120A |
| Stepless regulation | ELECTRONIC | | |
| Wire size (solid) | 0,6/0,8/0,9/1,0/1,2 Fe 0,8/0,9/1,0/1,2 Al 0,8/0,9/1,0 CuSi3% - Inox 0,9 Cored Ø mm | - | - |
| Max. wire spool size | Ø 300 mm / 15 kg. | - | - |
| Electrodes | - | - | Ø 1,6-4 mm |
| Protection class | IP 23 | | |
| Construction standards | EN 60974 – 1 / EN 60974 - 10 | | |
| Dimensions | 330x600x540h mm | | |
| Weight | 32 kg | | |

Accessories:


530211 Earth cable



535014 (optional) 4 m, M 25 torch



535013 (optional) 3 m, M 25 torch



535012 (optional) 4 m, M 15 torch



535011 (optional) 3 m, M 15 torch

S01715A.1
1 (optional) Accessories kit with 3+2 m cables of 25 mm², Texas 50

535718 (optional) 4 m, ABITIG 26 torch with EURO type connection



580007 (optional) Transport cart

540181 (optional) MIG Double level (Double Pulse) upgrade



540011 (optional) Aluminium welding kit for Ø 0,8 - 1 wire and 3m torch.



357502 (optional) Flowmeter with 2 gas pressure gauges



309269 (optional) Helmet with auto-dimming LCD filter (9-13 DIN) MAXIVISION COLOR to protect face and eyes during welding.



540014 *(optional)* Aluminium welding kit for \varnothing 1,2 - 1,6 wire and 3m torch.



309073 *(optional)* Helmet with variable shade auto-darkening LCD filter (9-13 DIN) to protect face and eyes during cutting and welding appliances.
