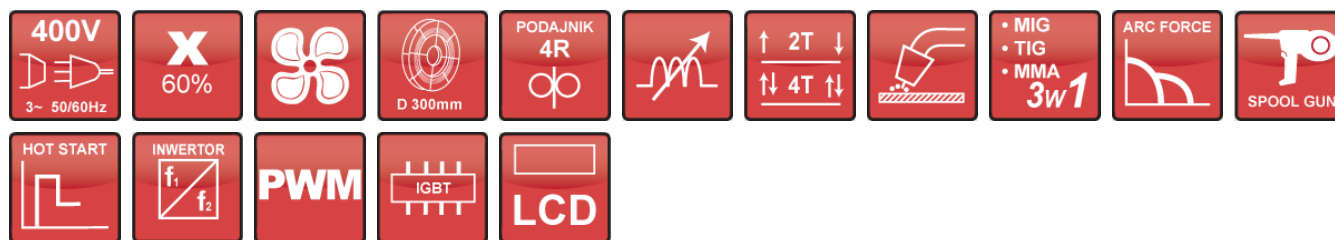


SPARTUS® ProMIG 505



SPARTUS® ProMIG 505

Product code:

PROMIG505-TOWER

Standard equipped: • device SPARTUS® ProMIG 505 • separated wire feeder 4R • cooler • Hypercoolant – cooling liquid 5l • driving set • user's manual

The equipment of the device does not include complex cables connecting the source with the feeder.

SPARTUS® ProMIG 505

Product code:

PROMIG505-PAK-501-3



Package equipped: • device SPARTUS® ProMIG 505 • separated wire feeder 4R • cooler • Hypercoolant – cooling liquid 5l • driving set • **MIG gun SPARTUS® SPP 501** • **5m connection cable set** • 3m electrode holder • 3m mass cable with screw clamp • user's manual

Product description

SYNERGIC MIG DESIGNED FOR INDUSTRY

SPARTUS® ProMIG 505 is high-end, modern inverter welding machine constructed on the basis of advanced PWM technology and professional IGBT transistors. It enables MIG / TIG DC and MMA welding with a current up to 500A. It is powered from three phase 400V source power. The device offers a wide range of possibilities for the above-mentioned methods of joining metals.

MIG welding

ProMIG 505 is equipped with a synergistic system for MIG / MAG welding with the possibility of selecting the following programs: for mill steel, stainless steel, aluminum welding; self-shielding wire welding and braze welding. It is possible to manually correct the parameters. In addition, the device has a number of functionalities supporting the welding process in the MIG method:

- **2T/4T Trigger Control**
- **Burn Back**
- **Slow Feed**
- **Pre Gas and Post Gas.**

Separate high-class four-roller feeder ensures stable wire feeding. An important advantage is also the possibility of welding with the Spool Gun.

TIG welding

Thanks to the solutions used, the ProMIG 505 also enables advanced welding with the TIG Lift method.

ProMIG 505 has functions supporting the welding process in TIG method:

- **2T/4T Trigger Control,**
- **Down Slope.**

MMA welding

The process of joining metals in this method is additionally supported by functions such as:

- **Arc Force**
- **Hot Start.**

Modern design and LCD function panel in combination with high-class components makes the SPARTUS® ProMIG 505 stand out on the market.

The professional device of the SPARTUS® Pro line is perfect suited to the production sector and industry.

Technical parameters

Input	~3× 400V ± 10% 50 / 60 Hz
Welding current MIG [A]	30 - 500
Duty cycle MIG [%]	60
Wire feeding speed [m/min]	2,5 - 24
Wire feeder	separated, 4 - roll gear
Welding wire spool [kg]/[mm]	≤ 15 / 200/300
Wire diameter Ø [mm]	0.6, 0.8, 1.0, 1.2, 1.6
Additional features	spool gun, 2T/4T control , Arc Force, Hot Start, wire test, inductance control, synergy, brazing (CuSi3), MMA welding, built-in liquid cooling system, Pre-gas, Post-gas
Water cooler	Yes
Tank capacity [L]	5
Welding current MMA [A]	10 - 500
Current consumption [A]	MIG 36.3A / TIG DC 29.5A / MMA 37.5A
Power factor (cosφ)	0,8
Efficiency η [%]	90
Insulation class	H
Protection class	IP23
Weight [kg]	101.5
Dimensions [mm]	1100 x 500 x 1460

PRODUCT CATEGORIES: [MACHINES](#), [CLASSIC](#), [MIG](#)

NW ® is independent subject and not connected to ABITIG®, AMPHENOL®, ASPA®, BESTER®, BINZEL®, CEA®, CEBORA®, ESAB®, EWM®, FALTIG®, FRO®, FRONIUS®, HARRIS®, HYPERTHERM®, KJELLBERG®, L-TEC®, LINCOLN®, MAGNUM®, OTC®, SAF®, SHERMAN®, TELWIN®, THERMAL DYNAMICS®, TRAFIMET®, TUCHEL®.

Reference numbers and names belonged to above companies were called due to Property Right Law for buyer's convenience and they are related to code and spare part's description.

The products do not constitute an offer within the meaning of the Civil Code.