

Product details: EasyMIG 500 DUAL PULSE [source, cooler, wire feeder, driving set] package



product code: **EASYMIG500DP-PAK-51-3**

product ean: **5900391249055**

**Package equipment:**

- EasyMIG 500DP
- separated wire feeder 4R
- cooler
- driving set
- Hypercoolant - cooling liquid 5l
- cable connection set 5m
- MIG gun SPE 501 3m
- graphite wire liner
- steel liner
- 4 x guide roller 1.0 - 1.2U fi37 + additionally 2 x guide roller 0.8 - 1.0V fi37, 2 x guide roller 1.2 - 1.6V fi37, 2 x drive roller fi37
- 3m work clamp with screw clamp
- user's manual

## Product variants

Index	Price
<b>EasyMIG 500 DUAL PULSE [source, cooler, wire feeder, driving set] package</b> EASYMIG500DP-PAK-51-3	<b>€2,678.05 / pc</b> Net price

## Product description

### **SPARTUS® EasyMIG 500DP - POWER AND PRECISION OF DUAL PULSE IN A MODERN FORM**

**SPARTUS® EasyMIG 500 Dual Pulse** is a modern inverter MIG/MAG welder, designed for demanding welding projects. Utilizing advanced IGBT transistor technologies, the machine delivers unmatched welding capabilities with a maximum current of up to 500A.



## TECHNOLOGY AND INNOVATION

Thanks to 400V three-phase power supply, the **SPARTUS® EasyMIG 500 Dual Pulse** offers top-tier performance and reliability. The machine enables welding with a consumable electrode in the shielding of inert and active gases (MIG/MAG), shielded electrode (MMA), and TIG Lift method, ensuring versatility across various welding tasks.

## CONTROL AND PRECISION

A modern LCD display allows for easy and intuitive adjustment of voltage and welding current, as well as managing additional functions of the device. The display graphically presents the relationship between voltage and weld shape and suggests optimal material thickness, significantly facilitating the workflow.

## SYNERGY AND PULSED WELDING OPTIONS

**EasyMIG 500 Dual Pulse** is equipped with synergic programs for MIG/MAG methods with wire diameters ranging from 0.8 to 1.6 mm, with the possibility of manual parameter adjustment. Additionally, it features manual mode and the capability to weld with self-shielding wire.

The device stands out with advanced pulse welding options, including **Pulse**, **Cool Pulse**, and **Dual Pulse** modes. Each of these technologies allows for achieving exceptionally clean and aesthetically pleasing welds of a quality comparable to TIG, but with greater efficiency. Pulse technology enables precise control of the heat introduced into the material, minimizing the risk of overheating and deformation. Cool Pulse further reduces the heat introduced into the weld, making it ideal for working with thinner or more sensitive materials. Dual Pulse, utilizing dual modulation, provides even better control over the welding process, increasing arc stability and improving weld quality, especially when welding materials such as aluminum.

Material	Wire Diameter [mm]	Process	Shielding Gas
Black Steel	0.8 / 1.0 / 1.2 / 1.6	MIG DC	100%CO2
Black Steel	0.8 / 1.0 / 1.2	MIG DC	75%Ar + 25%CO2 mixed gas
Black Steel	0.8 / 1.0 / 1.2	Pulse / Dual Pulse	80%Ar+20% CO2 mixed gas
Stainless Steel	0.8 / 1.0 / 1.2	Pulse / Dual Pulse	80%Ar+20% CO2 mixed gas
Stainless Steel	0.8 / 1.0 / 1.2	Pulse / Dual Pulse	97.5%Ar+2.5% CO2 mixed gas
CuSi	0.8 / 1.0 / 1.2	Pulse / Dual Pulse	100% argon
AlSi	1.0 / 1.2	Pulse / Dual Pulse	100% argon
AlMg	1.0 / 1.2	Pulse / Dual Pulse	100% argon

## SUPPORTING WELDING FEATURES

**EasyMIG 500 Dual Pulse** offers a range of features to support welding:

- **2T/4T** – choice of micro switch modes depending on project needs
- **Inductance adjustment** – ensures control over weld width and penetration depth
- **Slow Feed** – soft start of wire feeder, ideal for high currents and feeding speeds
- **Hot Start and Arc Force** – facilitates MMA welding in difficult positions
- **VRD** – reduced no-load voltage for increased safety

## DURABILITY AND MOBILITY

The solid, compact design of the **SPARTUS® EasyMIG 500 Dual Pulse** ensures long-lasting performance even in challenging conditions. The set includes a separate wire feeder, offering convenient operation and easier access to control elements. Additionally, the machine is equipped with a cooler that effectively dissipates heat, extending the device's lifespan when working at high currents. The entire setup is mounted on a durable welding cart with space for a technical gas cylinder, significantly enhancing mobility and functionality, allowing for easy movement around the worksite.

**SPARTUS® EasyMIG 500 Dual Pulse** is an excellent choice for those seeking a reliable and versatile welding machine that can handle tough challenges. Ensure precision, efficiency, and top-notch welding quality with the modern technologies and solutions offered by the **EasyMIG 500 Dual Pulse**.

## Technical details

<b>Input</b>	<b>~3× 400V ± 10% 50 / 60 Hz</b>
<b>MIG welding current</b>	<b>50 - 500A</b>
<b>MIG duty cycle</b>	<b>60%</b>
<b>Wire feeder</b>	<b>separated, 4 - roll gear</b>
<b>Welding wire spool</b>	<b>≤ 15kg / Ø200/300mm</b>
<b>Wire diameter</b>	<b>0.8 / 1.0 / 1.2 / 1.6</b>



Synergy	yes
2T/4T Control	yes
Additional MIG functions	<b>DUAL PULSE, Post-gas, pulsacja, synergistic program, manual adjustment of parameters, inductance control, Slow Feed, wire test</b>
Water cooler	yes
TIG Lift	yes
TIG welding current	<b>10 - 500A</b>
MMA welding current	<b>10 - 500A</b>
Arc Force	yes
Hot Start	yes
VRD	yes
Current consumpition	<b>MIG 38 / TIG DC 32 / MMA 39</b>
Power factor (cosφ)	<b>0.91</b>
Efficiency η	<b>MIG 86.9 / TIG DC 84.3 / MMA 87.1</b>
Insulation class	<b>H</b>
Protection class	<b>IP21S</b>
Weight	<b>116</b>
Dimensions	<b>1060 x 610 x 1440</b>