

## SPARTUS® EasyMIG 315



Product code:

EASYMIG315-PAK-36-3

Package equipped: • machine EasyMIG 315 • MIG gun SPE 360 3m • additionally 2x wire guide roller 1.0-1.2V f30 • electrode holder • work clamp • gas hose with bands • user's manual

### Product description

### SYNERGIC 4-ROLL MIG

**SPARTUS® EasyMIG 315** are high-end semi-automatic welding machine made of inverter technology using IGBTs, which allow welding with a fusible electrode in an inert and active gas shield (MIG/MAG), welding with coated electrode (MMA) and TiG Lift welding with ignition arc by rubbing. In addition, the device allow welding with self-shielding wire without gas, thanks to the possibility of changing the welding polarity.

Maximum welding current for MIG/MAG/TIG methods is 300A for MMA welding method is: 250A.

It is powered from a three-phase 400V power source. The device are equipped with synergistic programs for MIG / MAG welding with steel wires in the diameter range 0.8 / 1.0 / 1.2mm. In addition, welders have the ability to manually adjust the set parameters.

Modern technological solutions made it possible to equip the device with a number of functions supporting the welding process:

**2T / 4T** – selection of one of two operating modes (MIG/MAG),

**Inductance** – precise arc dynamics adjustment Wave Control ensures full control over the welding arc: it allows to reduce the amount of welding splashes and controls the width and depth of fusion,

**Burn Back** – precise adjustment of welding wire burning speed allows limit a risk of sticking the welding wire to the contact tip,

**Slow Feed** – so called gentle start-up of the wire feeder, recommended especially during welding with high amperage and high speed of wire feed. Smooth start of wire feed eliminates the risk of welding defects at the beginning of the weld,

**Hot Start** – for easier electrode ignition (MMA),

**Arc Force** – for easier welding in forced positions (MMA),

**Spool Gun** – lightweight and durable welding gun with built-in wire feeder designed for MIG/ MAG welding,

**VRD** – lower no-load voltage (MMA).

High class four-roll wire feeder, ensures stable feeding of steel, stainless steel and aluminum welding wire. Stable output parameters guarantee appropriate weld quality.

### Technical parameters

Input	~3× 400V ± 10% 50 / 60 Hz
Welding current MIG [A]	50 - 300
Duty cycle MIG [%]	60
Output working voltage [V]	16.5 - 29
Wire feeder	built-in, 4-roll gear
Welding wire spool [kg]/[mm]	≤ 15 / 200/300
Wire diameter Ø [mm]	0.8, 1.0, 1.2
Additional features	2T/4T control , Arc Force, Hot Start, VRD, wire test, change polarity, manual adjustment of parameters, inductance control, synergy, MMA welding
Welding current TIG [A]	10 - 300
Duty cycle TIG [%]	60
Welding current MMA [A]	10 - 250
Duty cycle MMA [%]	60
Current consumption [A]	MIG 17 / TIG 14 / MMA 13

Power factor ( $\cos\phi$ )	0,93
Efficiency $\eta$ [%]	85
Insulation class	H
Protection class	IP21S
Weight [kg]	22
Dimensions [mm]	570 × 265 × 460

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

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