

SPARTUS®



**PERFECT WELD USING
DUAL PULSE TECHNOLOGY**



EasyMIG
227 Dual
Pulse

■ The **SPARTUS® EasyMIG 227DP** is a modern inverter MIG/MAG welding machine that combines high precision with intuitive operation. Thanks to its double-pulse technology, it delivers welds with TIG-like quality – a distinctive rippled finish and minimal deformation. It's the perfect solution for workshop, production, and industrial applications where aesthetics, repeatability, and productivity matter.

MIG/MAG WELDING

– FULL PROCESS CONTROL

EasyMIG 227DP supports multiple MIG/MAG modes – from classic manual, to synergic, to pulse and dual-pulse welding. This gives the operator full control over the process regardless of the material or skill level.

The built-in Easy synergic programs automatically adjust parameters to the selected wire and gas. The operator can fine-tune voltage to shape the weld and penetration depth. Double-pulse mode ensures a smooth, even bead with minimal heat distortion – ideal for aluminium and stainless steel.

The machine supports wire diameters from **0.8–1.2 mm**, with a maximum welding current of **220 A** and a **60%** duty cycle. Additional functions – **2T/4T, Inductance control, Spool Gun, Wire Test, and polarity reversal** – improve precision and comfort, and allow welding with flux-cored wire without shielding gas.



SYNERGIC PROGRAMS

SPARTUS® EasyMIG 227DP features **integrated synergic programs** that automatically adjust the welding parameters to the selected wire and shielding gas, ensuring

MATERIAL	PROCESS	SHIELDING GAS	WIRE DIAMETER
CARBON STEEL	MIG DC	100%Co ₂	0.8 - 1.0mm
CARBON STEEL	MIG DC	75%Ar+20%Co ₂ mixed gas	0.8 - 1.0mm
FLUX CORE	PULSE/DUAL PULSE	-	0.8 - 1.0mm
CARBON STEEL	PULSE/DUAL PULSE	80%Ar+20%Co ₂ mixed gas	0.8 - 1.0mm
STAINLESS STEEL	PULSE/DUAL PULSE	80%Ar+20%Co ₂ mixed gas	0.8 - 1.0mm
STAINLESS STEEL	PULSE/DUAL PULSE	97.5%Ar+20.5%Co ₂ mixed gas	0.8 - 1.0mm
CuSi	PULSE/DUAL PULSE	100%argon	0.8 - 1.0mm
AISI	PULSE/DUAL PULSE	100%argon	1.0 - 1.2mm
AlMg	PULSE/DUAL PULSE	100%argon	1.0 - 1.2mm

» EasyMIG 227 DUAL PULSE

■ MMA AND TIG LIFT WELDING

EasyMIG 227DP also supports:

- **MMA welding** with **Hot Start, Arc Force and VRD**
- **TIG Lift (DC)** welding with soft arc ignition and adjustable current up to **220 A**

This makes the machine a versatile power source for various workshop tasks.

■ CONTROL PANEL

A **large LCD display** shows real-time data: current, voltage, inductance, wire speed, and material thickness. Two dials and function keys allow quick selection of welding modes (MIG/MAG, TIG, MMA) and smooth parameter adjustment. Graphical icons indicate weld shape and recommended material thickness – extremely helpful, even for less experienced operators.



■ EQUIPMENT

SPARTUS® Easy machines are sold only as complete sets, including everything required to start welding.

Package equipmentd:

- EasyMIG 227DP
- MIG gun SPE 150 3m with a steel wire liner
- graphite liner coated
- 2x guide roller 0.8-1.0V fi30
+ additionally 2x 1.0-1.2U fi30
- electrode holder
- work clamp
- gas hose
- user's manual

■ ROBUST CONSTRUCTION AND MOBILITY

EasyMIG 227DP is built on **IGBT inverter technology**, ensuring a stable arc and high efficiency (**up to 83%**). The integrated **four-roller feeder** guarantees consistent wire feeding. Compact dimensions (560 × 255 × 445 mm) and weight of **19.5 kg** make it easy to transport.

A cooling system with thermal protection and IP21S rating ensures reliability under heavy use.



EASYMIG 227 DUAL PULSE

TECHNICAL PARAMETER

Input	~1× 230V ± 10% 50 / 60 Hz	TIG Lift	yes
MIG welding current	50 - 200A	TIG welding current	10 - 200A
MIG duty cycle	60%	MMA welding current	10 - 200A
Output working voltage	16.5 - 25.0V	Arc Force	yes
Wire feeder	built-in, 4-roll gear	Hot Start	yes
Welding wire spool	≤ 5kg / ∅200/300mm	VRD	yes
Wire diameter	0.8, 1.0, 1.2mm	Current consumpition	MIG 45 / TIG 35 / MMA 45
Synergy	yes	Power factor (cosφ)	0.73
2T/4T control	yes	Efficiency η	MIG 80.7 / TIG 78.5 / MMA 83
Additional MIG functions	DUAL PULSE, inductance, post-gas, pulse, synergistic program, manual adjustment of parameters, inductance control, spool gun, slow feed, change polarity	Insulation class	H
		Protection class	IP21S
		Weight	19.5kg
		Dimensions	560 x 255 x 445mm

■ **SPARTUS® EasyMIG 227DP** is a universal, modern 230 V MIG/MAG welder with double pulse, combining precision, efficiency, and ease of use. Perfect for steel, stainless steel, and aluminium – delivering TIG-like quality in MIG/MAG technology. Ideal for workshops, production, and anyone who expects flawless, repeatable welds.

