

# 250 MPK (mig/mag - tig - mma DC )

## 250 MPK

With this innovative multifunctional inverter 3 MIG / MAG, TIG and MMA welding applications can be fully and professionally preformed. Thanks to a latest-generation microprocessor and the dynamics of the inverter, excellent welding results can be achieved in every welding process. An indispensable tool for those who work in industrial assembly, repair, maintenance and bodywork workshops. The machine has 12 SYNERGIC programs in MIG-MAG mode. After choosing the desired program, the curve of the welding parameters can easily be adjusted with a rotary knob. The welding programs for the main types of welding wires have been introduced such as: SG2-SG3, STAINLESS STEEL 308 - 316, Aluminum AlMg5 and CuSi3. Special functions were built in during the design phase of this machine to prevent splattering during welding and when cutting the welding wire after the welding.

In TIG mode, this inverter has all the necessary parameters such as the button-controlled pulse frequency control and the control of the base current. In MMA mode, the 250MPK has the hot-start, arc-force and anti-stick controls that are directly managed by the microprocessor. In addition, the procedures during the design phases, the checks and the final inspection guarantee maximum reliability of the machine and limit the chance of defects after sale.

The 250 MPK has achieved the European conformity certificate for electrical protection of welding equipment (EN60974-1) and for electromagnetic compatibility (EN 50199).

Spools with diameters can be mounted on this machine of 200 mm (Weight 5 kg) and 300 mm (Weight 15 kg).



Technology: Inverter  
Supply: 3-phase  
Type: mig/mag  
tig  
mma

# Prior Welding



## Prior Welding

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welding scope ( U2min-U2max.) mig/mag	V	10-30
lwelding scope (I2min.-I2max.) tig	A	7-200
welding scope (I2min.-I2max.) mma	A	7-200
unloaded voltage MMA	V	76
unloaded voltage TIG	V	9
unloaded voltage mig/mag	V	9
duty cycle 100%MMA	A	130
duty cycle 40%MMA	A	200
duty cycle 100% TIG	A	130
duty cycle 40% TIG	A	200
duty cycle 100% MIG/MAG	A	140
duty cycle 30% MIG/MAG	A	250
Supply		
Supply voltage 3 (50/60 Hz)	V	400
grid tolerance	%	+/- 15
intake power S1(100%)mma	kVA	5,7
intake power S1(40%)mma	kVA	9
intake power S1(100%)mig	kVA	5,8
intake power S1(30%)mig	kVA	10,6
intake power S1(100%)tig	kVA	4
intake power S1(40%)tig	kVA	6,3
power factor	cos phi	0,85
fuse	A/tr	20
<b>Machine</b>		
Protection class		IP23
Insulation class		H
Cooling method		AF
<b>dimensions and weight</b>		
weight	kg	22.8
dimensions (lxwxh)	mm	520X290X465



## Accessories:

Welding cable  
Grounding cable  
Tig torch  
Reducer



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