

Rowig 171-W (dc-hf-puls)

Rowig 171W

The Rowig 171W is a portable welding machine with inverter technology for MMA and TIG DC welding. The robustness of its parts makes it a reliable tool for the use in workshops and in the open air. The optionally available TIG DC functions and the digital display make this welding machine the right choice for maintenance workshops, the construction sector and the medium-heavy metal construction sector. The Hot Start and Arc Force functions for MMA welding are adjustable and allow a better start of the arc, a flat weld bead and a regular weld. The Anti Sticking function allows the electrode to be pulled off the workpiece quickly in case it accidentally sticks to it. Easily welds electrodes up to 4 mm in diameter. The machine is designed to guarantee safety and flexibility thanks to the following characteristics: **OVERCUT**: in the presence of too high a voltage on the power line, the power supply from the power source is interrupted. The "overcut" protection protects the electronic parts of the machine against defects caused by voltage fluctuations. **AUTOMATIC CALIBRATION OF THE CURRENT**: the power source works with a supply voltage between 115 VAC \pm 15% / 50-60 Hz and 230 VAC \pm 15% / 50-60 Hz. The maximum adjustable value of the welding current is automatically limited based on the supply voltage that is measured when the power source is switched on. **DERATING**: the "derating" function consists of limiting the current during welding if the supply voltage falls below a limit value of 190 VAC. The current consumption at the input is thus limited so as not to overload the inverter and the stability of the welding arc is maintained. **FANS**: the temperature in the power source is measured by means of thermal sensors and the speed of the fan is adjusted accordingly. This feature offers the following improvements: noise reduction. - limitation of sucked in dust (equipment requires less maintenance).



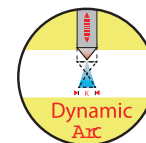
One of the new functions

Technology: inverter
Supply: 230V
Type: tig/mma

The versatility of this machine has been considerably improved by the use of new functions.



Q-START



DYNAMIC ARC

Rowig 171W



Grid voltage	1 x 230V~ ±15% / 50-60Hz			
Grid fuse	16A VERTRAAGD			
Welding modes	MMA		TIG	
Duty cycle (at 40°C)	40%	100%	40%	100%
Welding amperage	140A	120A	170A	120A
Work voltage	25,6V	24,8V	16,8V	14,8V
Max. intake power	6,3KVA	5,0KVA	5,1KVA	3,4KVA
Max. intake amperage	27,8A	21,8A	22,4A	15,0A
Max. nominal intake amperage	-A	-A	-A	-A
No-load voltage	65V			
Insulation class	H			
Protection class	IP23			
Cooling	AF			
Construction norms	EN 60974-1/-10			
Dimensions generator (W x D x H)	160 x 400 x 260mm			
Weight generator	10,0Kg			

