

Small, robust and lightweight. The ideal MMA power pack for construction sites!

## Highlights

- Very portable due to its compact design and low weight (5.1 kg) with the latest inverter technology.
- Ideal for electrodes up to 4 mm, due to the excellent ignition and welding properties.
- The intelligent casing design provides an optimised air guidance for a longer duty cycle, as well as an easy to clean ventilation filter for less contamination in the machine.
- The HM 160 MV adapts automatically to country-specific mains (115 V - 230 V), giving it a universal usage.
- 100 % suitable for usage on construction sites, due to safe operation on long mains leads (up to 50 m) and on generators.
- Due to its intelligent casing design and robust materials, the functionality and safety of the inverter stays intact if being dropped or knocked over.

## Areas of application

- Repair of construction and agricultural machinery, machines, systems, etc.
- Coated electrodes (rutile, rutile/basic, basic, rutile/cellulose).
- Unalloyed, low-alloy and high-alloy steels, nickel-, copper-, and aluminium alloy.



\*TIG torch set not included.

WELDING MACHINE HM 160 MV				
	MMA		TIG	
Setting range welding current	10 A – 150 A		10 A – 160 A	
Duty cycle at ambient temperature	40 °C	25 °C	40 °C	25 °C
30%			160 A	
35%	150 A			
45%				160 A
50%		150 A		
60%	120 A		130 A	
100%	100 A	120 A	100 A	120 A
Open circuit voltage	105 V			
Mains frequency	50 Hz / 60 Hz			
Mains fuses (slow-blow)	1 x 16 A, Mains fuses (slow-blow) 1 x 25 A			
Mains voltage (tolerances)	1 x 230 V (-40 % - +15 %), Mains voltage (tolerances) 1 x 115 V (-15 % - +15 %)			
Max. connected load	5.5 kVA		3.7kVA	
Recommended generator power	7.5 kVA			
Cos φ	0.99			
Efficiency	86%			
Dimensions L x W X H (mm)	430 x 115 x 225			
Weight	5.1 kg			