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# HILCO WELDING MACHINE HM 160 MV

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		3.7 kVA	
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, machine	5.1 kg			