

Small, robust and lightweight:



– the ideal MMA power packs for construction sites!



HIGHLIGHTS

Latest inverter technology simplest possible transport due to compact design and low weight (4.8kg)

HM 160 MV - Universal usage due to automatic modification for country-specific mains voltages (115V/ 230V)

Ensured functionality and safety even after being dropped or knocked due to intelligent casing design and robust plastics

100 % suitable for construction site usage due to safe operation on long mains leads (up to 50m) and on generators

Problem-free operation using electrodes up to 4 mm from basic to rutile/cellulose due to excellent ignition and welding properties

Intelligent casing design with optimised air guidance for longer duty cycle and ventilation control for less contamination in the machine.

AREA 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

Welding current socket adapter, 16/25 to 35 mm



TECHNICAL DATA

Welding machine	HM 160 MV							
	115V				230V			
Mains voltage	MMA		TIG		MMA		TIG	
Setting range Welding current	10 A-110 A		10 A-120 A		10 A-150 A		10 A-160 A	
Duty cycle (dc) at ambient temperature	20 °C	40 °C	20 °C	40 °C	20 °C	40 °C	20 °C	40 °C
	30 % dc	-	-	-	-	-	-	-
35 % dc	-	110A	-	-	-	150A	-	-
40 % dc	110A	-	-	-	-	-	-	-
45 % dc	-	-	-	-	-	-	160A	-
50 % dc	-	-	-	-	150A	-	-	-
60 % dc	90A	90A	120A	120A	-	120A	-	130A
100 % dc	80A	80A	110A	100A	120A	100A	120A	100A
Open circuit voltage	105V							
Mains voltage (tolerances)	1x 115V (-15% bis +15%)				1x 230V (-20% bis +15%)			
	1x 110V (-15% bis +20%)				1x 240V (-20% bis +10%)			
Mains frequency	50/60 Hz							
Mains fuse (slow-blow safety fuse)	1 x 25 A				1 x 16 A			
Max. connected load	6 kVA							
Recommended generator rating	8,1 kVA							
Dimensions L x W x H [mm]	365 x 116 x 224							
Weight approx.	5,1 kg							

Hilarius Haarlem Holland B.V.
HILCO Welding Consumables
P.O. Box 550
2003 RN Haarlem
The Netherlands

Phone: +31-23-5319100
Fax: +31-23-5325906
E-mail: info@hilco-welding.com