

**MULTI PROCESSES
SINGLE-PHASE
INVERTER**

20 > 200A

HILCO HM200MP



4 in 1, the Hilco HM200MP is a multi-process power source capable of performing MIG/MAG (with or without gas), TIG DC and MMA welding with high precision. It features 9 welding synergies to enable welding in all positions. Versatile, but also equipped with a single phase power supply with PFC/FV technology. It is the perfect welding machine in the workshop or on site.

3 WELDING PROCESSES

• MIG/MAG

- 4 roller motor: \varnothing 200 and \varnothing 300mm reels.
- Adjustable manually or synergistically.
- **SPOT** and **DELAY** functions available.
- Can weld sheets from **0.6 to 6mm** thick.

• TIG

- TIG DC welding and **TIG Lift** ignition with TIG EURO torch.
- Adjustable **Post Gas** and **Downslope** (arc downslope).

• MMA

- Welds different types of **coated electrodes up to \varnothing 5mm** (rutile, basic, stainless steel, steel, cast iron).
- **Adjustable Hot Start** (0 to 100%): facilitates ignition and can be adjusted according to the type of metal.
- **Arc Force adjustable** (0 to 100%): regulates the arc length deviations.
- **Antisticking**: reduces the risks of the electrode sticking if it comes into contact with the workpiece.

Supplied with:

- Earth cable (2.5m)
- Steel torch MIG 250A (3m)
- Electrode holder (2m)



ACCESSORIES



MIG/MAG SYNERGIES

• Automatic calculation of wire speed and tension according to:

- The type and diameter of the wire;
- The thickness to be welded;
- The gas used;
- The welding position.

• Manual setting possible: wire speed and arc length.

Suggested synergies:

Type of metal	Fe	Fe	AlMg5	Stainless steel	Cored wire	CuSi 3	CuAl 8	AISI 5	AISI 12
Process	MAG	MAG	MIG	MAG	MAG	MIG	MIG	MIG	MIG
Gas	Ar+CO ² i	CO ² i	Ar i	Ar+CO ² 2% i	\times	Ar i	Ar i	Ar i	Ar i
\varnothing possible	0.6 - 0.8 - 1.0	0.6 - 0.8 - 1.0	0.8 - 1.0	0.8 - 1.0	0.6 - 0.9 - 1.2	0.8	0.8	1.0	1.0
Welding positions	all	all	all	all	all	all	all	all	all

HIGH-TECH POWER SUPPLY

50/60hz	MMA I ₂	TIG I ₂	min > max	\varnothing mm		200	300	Electronic Control	équipé d'origine / original equipment / Originalausstattung / equipamiento de fabrica	EN60974-1 (40°C) MIG		cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)
				GAS	NO GAS					I _A (60%)	X% (I ₂ max)		
110V 1~	32A	20-130A	20-160A	20-150A	0.6	0.9	✓	✓	0.8	100A	150A 22%	27.5x55x44 / 20	7,5 kW 9 kVA
230V 1~	16A	20-200A	20-200A	20-200A	1.0	1.2				130A	200A 20%		