

hydraBOND® WELDING

HB300MM **DC** **CV** **1**
TDS **PHASE**

Process*

- ✓ **MIG Welding (GMAW)** with gas in diameters out of 0.6 to 1.2 mm (0.023" to 0.045").
- ✓ **Flux cored (FCAW)** in diameters out of 0.9 to 1.2" mm. (0.035" to 0.045").
- ✓ **MIG (GMAW) aluminum** diameters of 0.9 mm to 1.2 mm (0.035" to 3/64").

Advantages:

- Electronic current control that allows a precisely use of the welding current.
- Innovative 7-inch color screen.
- Memory capacity to load and save welding parameters.
- 2-position switch to select the supply voltage (**220 V / 440 V AC**).
- Adjustable spot and trim for repetitive welding and spot welding.
- 14-pin receptacle
- Overheating protection, which prevents damage to equipment from duty cycle abuse.
- Forced ventilation cooling system.
- Easy to transport as it includes wheels, handlebars and cylinder holder
- Housing for consumables.
- Lateral support for cables and torch.

Industrial Applications:

- ✓ Automotive workshops.
- ✓ Manufacture of equipment for the food industry.
- ✓ Production lines in the manufacture of containers for the industry in general.
- ✓ Manufacture of refrigeration and air conditioning equipment.
- ✓ Industrial process plants

Optional Accessories:

- MIG 250 AMP torch.
- Teflon guide for MIG 250 AMP torch.
- Spotting nozzle for MIG 250 AMP torch.



Quick Specs

PROCESSES

- MIG (GMAW)
- Pulsed MIG (GMAW-P)
- Flux-cored (FCAW)
- DC TIG (GTAW)
- Pulsed TIG (GTAW-P)

INDUSTRIAL APPLICATIONS

- ✓ Contract welding services
- ✓ Plant maintenance shops
- ✓ General fabricators

AMPERAGE RANGE: 5-350 A
NET WEIGHT: 265 lb. (120 kg)

- **INPUT POWER:** 208-575 V, single-phase
- **RATED OUTPUT MIG:** 230 A at 25.5 V, 60% duty cycle
- **STICK:** 200 A at 28 V, 60% duty cycle
- **TIG:** 275 A at 21 V, 60% duty cycle



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TDS



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Specifications (Subject to change without notice)

Input Power	Rated Output 60% Duty Cycle	Continuous Output 100% Duty Cycle	Rated Output 45% Duty Cycle	Welding Amperage Range	Welding Voltage Range	Max. Open Circuit Voltage	Input at Rated Output, 60 Hz A kVA kW	Dimensions in (mm)	Weight lb (kg)
220 VAC	250 A @ 26.5 VDC	190 A @ 23.5 VDC	280 A @ 28 VDC	30 A - 280 A	10 - 28 VDC	37 VDC	60 8.5 9.1	H: 31.3 (790) W: 14.5 (370) L: 341.3 (1050)	Net: 265 (120) Ship: 275 (125)
440 VAC							30		

⚠ **WARNING:** Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

HB300MM • TDS • v.02 • Issued Oct. 2022 • Index No. 0001 • UPC:767787958855

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