APTOOLS

Arab Pros For Machinery & Equipment

Product Catalog

2026-11-11 02:06 AM
www.aptools.sa

Contact: 0552822719
sales@aptools.sa
Al Shati, Dammam, Saudi Arabia



HERO

MMA / TIG Welding Machine, 315 Amperes, Dual Voltage 220V / 380V, 5mm Electrode

Brand: Hero
SKU: H-MMA-315
Warranty: 24

- 2-in-1 Welding Machine: Supports MMA stick welding and Lift TIG welding
- Delivers up to 315A on 380V and 230A on 220V.
- Operates on single-phase 220V or three-phase 380V power.
- Supports Up to 5mm Electrodes: Suitable for heavy-duty steel welding applications.
- Smart Electrode Selection: Displays recommended welding current based on electrode diameter.

Specifications

Brand	Hero
Product Type	MMA Welding Machine
Model Number	H-MMA-315
Welding Process	MMA (stick), Lift TIG
Power Supply Voltage	1-phase 220V ±15% or 3-phase 380V ±15%
Frequency	50/60 Hz
Welding Current at 220V 1-phase	MMA 20-230 A, TIG 15-230 A
Welding Current at 380V 3-phase	MMA 20-315 A, TIG 15-315 A
Rated Input Current at 220V 1-phase	MMA 56.3 A, TIG 40.5 A
Rated Input Current at 380V 3-phase	MMA 24.3 A, TIG 18.3 A
Rated Input Power at 380V 3-phase	MMA 11.8 kW, TIG 9.6 kW
Output Voltage at 220V 1-phase	MMA 20.8-29.2 V, TIG 10.6-19.2 V
Output Voltage at 380V 3-phase	MMA 20.8-32.6 V, TIG 10.6-22.6 V
No-Load Voltage	65 V at 220V, 70 V at 380V
VRD Voltage	21 V
Duty Cycle at 40°C	35%
Power Factor	220V: MMA 0.65, TIG 0.64; 380V: MMA 0.73, TIG 0.71
Efficiency	220V: MMA 80%, TIG 77%; 380V: MMA 86%, TIG 80%
Hot Start	OFF-50 A

Arc Force	OFF-50 A
Electrode Diameter Presets	1.6mm 37A, 2.5mm 65A, 3.2mm 112A, 4.0mm 175A, 5.0mm 245A
Recommended Current by Electrode	2.5mm 70-100A, 3.2mm 110-140A, 4.0mm 170-220A, 5.0mm 230-280A
Pulse Function	Peak on time 5-95%, pulse frequency 1-200 Hz, adjustable base current
Insulation Grade	F
Housing Protection Grade	IP21S
Cooling Method	Fan-cooled
Display	LED digital display with EMC board
Dimensions	443 x 225 x 327 mm
Included	Supplied with accessories
Weight	10.2 KG
Weight	10.2 KG