



MAXIMIG 251 / 400 / 600

250 / 400 / 600 AMP CAPACITY MIG / MAG WELDER



Key Attributes

- User-friendly selection of 2-track / 4-track operation for zero-defect GMAW welding.
- Achieves good and consistent weld quality with low hydrogen content.
- Dependable wire feeder system ensures long, uninterrupted welding.
- Quick-release wire feed roller mechanism enables the operator to change the wire spool quickly, minimizing unproductive time and increasing productivity on the shop floor.
- Recommended for all position MIG / MAG welding applications.
- Suitable for a wide range of metals, including carbon steel and stainless steel, with appropriate or recommended consumables.
- Ideally recommended for heavy-duty MIG / MAG welding applications, such as crane structure component manufacturing, 3-shift use, rough handling on the shop floor, and fabrication shops where maintenance staff is not highly qualified.



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TECHNICAL SPECIFICATIONS

PARAMETERS	VALUE			UNIT
POWER SOURCE	MAXIMIG 251	MAXIMIG 400	MAXIMIG 600	
SUPPLY VOLTAGE, PHASE, FREQUENCY	415 ± 10%, 3, 50/60			VOLTS, AC; NOS.; HZ
INPUT KVA @ 100% DUTY CYCLE	10	17.5	23	KVA
NO. OF WELDING STEPS	16	32	32	
OPEN CIRCUIT VOLTAGE	16 - 36	18 - 54	MAX. 19 - 71 / ACTUAL 18 - 61	VOLTS, DC
WELDING CURRENT RANGE	50 - 250	50 - 400	70 - 600	AMPS, DC
WELDING CURRENT @ 100% DUTY CYCLE	195 @ 23.8 V	310 @ 29.5 V	465 @ 37.0 V	AMPS, DC
WELDING CURRENT @ 60% DUTY CYCLE	250 @ 26.5 V	400 @ 34.0 V	600 @ 44.0 V	AMPS, DC
COOLING	FORCED AIR			TYPE
INSULATION	H			CLASS
DIMENSIONS (L X W X H)	770 X 400 X 740	835 X 435 X 820	950 X 540 X 950	MM
WEIGHT (APPROX.)	93	136	230	KG
WIRE FEEDER	FEEDLITE 20 NEL (2 ROLL)	FEEDLITE 40 NEH - C (4 ROLL)	FEEDLITE 40 NEH - C (4 ROLL)	MODEL
WEIGHT (WITHOUT SPOOL)	10 KG (APPROX)	16 KG (APPROX)	16 KG (APPROX)	KG
DIMENSIONS (L X W X H)	660 X 240 X 470	563 X 230 X 410	563 X 230 X 410	MM
SUITABLE FOR WIRE SPOOL CAPACITY	15 KG	15 KG	15 KG	KG
WIRE FEEDER FITTED WITH ROLLERS	0.8 / 1.2 FOR SOLID WIRE	1.2/1.6 FOR SOLID WIRE 2 NO	1.2/1.6 FOR SOLID WIRE 2 NO	MM
WIRE FEEDER MOTOR VOLTAGE	42 V DC	42 V DC	42 V DC	VOLTS DC
WIRE DRIVE MOTOR.	PERMANENT MAGNET DC TYPE.	PERMANENT MAGNET DC TYPE.	PERMANENT MAGNET DC TYPE.	TYPE
WIRE ROLL DRIVE	TWO	FOUR	FOUR	NO
WIRE FEED SPEED	1.5 TO 18	1.5 TO 18	1.5 TO 18	METERS / MINUTE
SUITABLE FOR WIRE SIZES	0.8, 1.0, 1.2	0.8, 1.0, 1.2, 1.6	0.8, 1.0, 1.2, 1.6	MM
TORCH	HIPRO 254 (E) B / MTG 250 (E)	HIPRO 404 (E) B / MTG 400 (E)	HIPRO 502 E) / MTG 600 (E)	MODEL