

RANGER 400 / RANGER 600

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APPLICATIONS

- Suitable for ALL position MIG / MAG welding applications -both within shopfloor as well as at open yards and project sites (with due protection or shield against windy air)
- Suitable for wide range of metals like Carbon Steel, Stainless Steel, Aluminum and it's alloys, with appropriate or recommended consumable
- Specifically designed for heavy duty, structural welding, machine building applications

SALIENT FEATURES

- Most reliable and dependable thyristor based power source for high quality MIG/MAG semiautomatic manual and semiautomatic mechanised welding applications
- Hexa phase, full wave full control bridge rectification circuit reduces ripple in the welding output - resulting spatter free welding
- Special design and construction of Transformer - resulting faster response time and excellent Arc dynamics
- Light weight, Compact design of power source, wire feeder and Torch
- Adjustmnet of Crater Voltage, Crater Current possible with regulating pots provided on the front panel
- Fesh Tip Transfer technique keeps the tip ready for next welding cycle
- Choice of 2 roll and 4 roll wirefeeders and different torches available for different industrial applications
- Quick release wire feed roller mechanism enables operator to change the wire spool quickly, minimising the unproductive time and thus increasing the productivity on the shopfloor
- Power source protected from Over Voltage, Under Voltage supply, Single phasing, Over load/over heating and very high secondary short circuit current



BRIEF SPECIFICATIONS:

MODELS	UNIT	RANGER 400	RANGER 600
Supply voltage	Volt	415	415
Phase	NO.	3	3
Input KVA @ 100% Duty cycle	KVA	19.5	31.7
Welding current range	Amp	50-400	60-600
Open circuit voltage	Volt	50	65
Welding current / volts @ 60% Duty cycle	A / V	400/34	600/44
Welding current / volts @ 100% Duty cycle	A / V	310/29.5	465/37
Type of cooling	Type	Forced Air	Forced Air
Class of Insulation	Class	H	H
Dimensions (LxWxH)	mm	835x435x820	950x550x960
Weight (approx.)	Kg	158	230
Wire feeder options	Models	Feedlite 40(FEM / NEM) / Feedlite 40 (FEH / NEH) Feedlite 40(PEM) / Feedlite 40 (PEH)	
Wire feed speed	Type	PMDC / PCB Servo	
Wire feed motor	m / min	1.2-18	
Dimensions	mm	500x180x310	
Wire feeder weight	Type	8/9	
Torch (3 mtrs)	Model	Ador TW 400 E / MTG 400 E	Ador TW 400 E / MTG 600 E



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