

RANGER MULTI 600

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APPLICATIONS

- Suitable for multi process welding applications like SMAW / GMAW / FCAW / GTAW / SAW and GOUGING processes 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

- Rugged construction -most reliable and dependable thyristor based power source for high quality welding processes
- Hexa phase, full wave full control bridge rectification circuit reduces ripple in the welding output - resulting spatterfree welding
- Special design and construction of Transformer - resulting faster response time and excellent Arc dynamics
- 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 productovty 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 MULTI 600
Supply voltage	Volt	415
Phase	NO.	3
Input KVA @ 100% Duty cycle	KVA	31.7
Characteristics	Type	CC/CV
Welding current range	Amp	20-600 / 75-600
Open circuit voltage	Volt	80/65
Welding current / volts @ 60% Duty cycle	A / V	600/44
Welding current / volts @ 100% Duty cycle	A / V	465/37
Type of cooling	Type	Forced Air
Class of Insulation	Class	H
Dimensions (LxWxH)	mm	955x685x940
Weight (approx.)	Kg	245
Wire feeder options	Models	Feedlite 40 (FEH / NEH) / Feedlite 40 (PEH)
Wire feed motor	Type	PMDC/PCB Servo
Wire feed speed	m / min	1.2-18
Dimensions	mm	500x180x310
Wire feeder weight	Kg	8/9
Torch (3 mtrs)	Model	Ador TW 400 E/ MTG 600 E



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ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

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