

# Sohal

ELECTRIC WORKS

# RX-250

# RX-400

## STAR FEATURES :

- New Lucrative design.
- Compact Dimensions.
- Uniform OCV Steps.
- Enhanced Feeder Life.
- Stable Feedback.
- Constant P.F.
- Double Star Transformer.
- Gas Saving design.
- Extra High Speed Feeder.
- Gas Wire Check Feature.
- Ferrite Magnet Motor.
- Fully Protected PCB.
- Strip Wound Transformer.
- Heavy Duty Torch.
- 125 Watt Heater.
- 100% Tested.

IN VIEW OF SAFETY THE INSULATION TESTING IS DONE AT 2500 VOLT.



## MIG/MAG WELDERS

The Mig RX series gives stable welding even in noisy power conditions. The electronic circuits are so designed that it can work well in the inappropriate conditions. The PCB is plug-in type incorporates a solid state reliable motor drive and electronic brake. The ability to quick arc start results in higher production rate. The transformer, heart of machine is strip wound, double insulated and once heated externally for high reliability. It's wire feeder is light weight and connected to Power Source with three wire cable that is color coded for simple connection. The permanent ferrite magnet DC motor only one dynamic component of welder is a high quality part that does not need frequent carbon replacement. There are three specially designed separated connectors for switching, current & gas that keeps away the risk of gas leakage and loose connection as in as in combined torch connectors. In few words the RX series robust design gives superb performance and reliability.

ITEM	MODEL	RX 250	RX 400
<b>POWER SOURCE</b>			
Rated input voltage	V	400	400
Supply voltage	V	415 ± 10%	415 ± 10%
Rated frequency	Hz	50	50
Phase	Phase	3	3
Rated power	KVA/KW	9.5/7.8	19.4/17.5
Rated duty cycle	%	60	60
OCV	V	22~45	28~54
Output current	A	50~250	80~400
Type of transformer	Type	Double star	Double star
Cooling	Type	Forced air	Forced air
Insulation class	Class	Class H	Class H
Max. Dimensions (W _D _H)	cm	44_82_72	46_93_77
Weight	Kg	143	185
<b>WIRE FEEDER</b>			
Applicable Wire Diameter	mm	0.8/1.2	0.8/1.2
Drive System	Type	24-Volt Permanent magnet DC motor	24-Volt Permanent magnet DC motor
Feed Mechanism	Type	Double Roll Quick Change over type	Double Roll Quick Change over type
Weight	Kg	15	16
<b>TORCH</b>			
Rated current	A	250	400
Duty Cycle	%	60	60
Length	m	3	3

*Complete Unit*

**• POWER SOURCE • WIRE FEEDER • TORCH • WORK CABLE**

**• CO<sub>2</sub> REGULATOR with HEATER & FM. • WIRE CUTTER • WELDING SCREEN & GLASSES**

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**ELECTRIC WORKS**

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\* NOTE : All specifications are subjected to change without prior notice.

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