

# RD SERIES

*Transductor D.C. Welder*

# Ralli Wolf

'RALLIWOLF' RD Series Transductor controlled Welding Rectifiers, for all position Manual Metal Arc Welding and as power source for TIG Welding and Gouging with suitable accessories.

The unit is housed in a sturdy sheet metal casing suitably ventilated; having four wheels and is complete with handle for easy movement. The casing is provided with lifting hooks for transportation with the help of crane.



## **FEATURES**

- ★ The Machine is Rugged, User Friendly and Easy to Maintain.  
Type of Control - Transductor.
- ★ The Machine is Compact with Sturdy Sheet metal construction and mounted on four wheels for easy maneuverability.
- ★ Excellent Arc Striking and Arc Stability throughout the welding current range.
- ★ Efficient Transductor control for changing welding current.
- ★ Three-phase full wave bridge circuit for current rectification, Silicon Diodes for high efficiency and longer life.
- ★ High Open Circuit Voltage enables use of wider range of electrodes
- ★ Class H insulation ensures longer life of the coil.  
Easy Service and maintenance work.

***Quality***

***Performance***

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### TECHNICAL SPECIFICATION

MODEL	RD400	RD600
<b>Input Supply:</b>		
a) Voltage	380/415 Volts	
b) Phase	3 Nos.	
c) Frequency	50 Hz.	
Input Current	47 Amps.	70 Amps.
<b>Rating - Output</b>		
Welding Current Range	60 - 400 Amps.	80 - 600 Amps.
Open Circuit Voltage	80 Volts.	80 Volts.
Operating Arc Voltage	22.5 - 36 Volts.	24 - 44 Volts
Max. Welding Current	400 Amps.	600 Amps.
Max. continuous hand Welding current (at 60% duty cycle)	400 Amps.	600 Amps.
Max. continuous automatic Welding current (at 100% duty cycle)	280 Amps.	420 Amps.
Insulation	Class H	Class H
Cooling	Forced Air Cooled	

#### **PROTECTION :**

- ★ Under / Over Voltage protection
- ★ Over heat protection

#### **OPTIONAL ITEMS :**

- ★ Digital Ammeter & Voltmeter.
- ★ Remote Control with 10 meters Interconnection Cable.
- ★ 100 Amps. Switch-Fuse Unit with 80 Amps. Fuse.
- ★ Capacitor for power factor correction - 12 KVAR

*In view of continuous development, Ralliwolf reserves the right to modify / alter the design and / or specification without any prior notice.*

#### **POWERTOOLS MARKETING LTD.**

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