

RED 403 / RED 503

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APPLICATIONS

- AC Arc welding Transformers for light, Medium, and Heavy structural welding, machine building and fabrication work
- Ideal for both Shop and site fabrication welding
- RED series transformers are single phase machines, which can be connected on 2 lines of 3 phase, 415V input supply
- Also recommended as power sources for Gas Tungsten Arc Welding (GTAW-AC) applications of Aluminium, Magnesium and their alloys

SALIENT FEATURES

- Forced Air cooled transformers with better cooling of transformer coils resulting lower internal temperature
- Welding current adjustment/regulation through horizontal, modern moving core design
- Stepless, smooth and infinitely variable current adjustment possible even while welding is in progress
- Higher Open Circuit Voltage (80 V) enables welding with all types of special electrodes including low hydrogen types for AC welding applications and also enables the use of longer welding cable lengths
- Optimised design - Excellent dynamic characteristics ensure smooth and optimum metal transfer
- Robust design to withstand rough handling at site as well as easily maneuverable from job to job at project sites
- Welder friendly usage - easy to operate since all controls like ON-OFF switch, welding current controlling handle, current scale on the same side i.e. front side



BRIEF SPECIFICATIONS:

MODELS	UNIT	RED 403	RED 503
Supply voltage	Volt	415	415
Phase	No	2 LINES OF 3 PHASE	
Input KVA @ 100% Duty cycle	KVA	19	25
Open circuit voltage	Volt	80	80
Welding current range	Amp	60-400	80-500
Welding current @ 60% Duty cycle	Amp	300	400
Welding current @ 100% Duty cycle	Amp	230	300
Class of insulation	Class	F	F
Type of cooling	Type	Forced Air	Forced Air
Dimensions (LxWxH)	mm	720x460x750	745x500x780
Weight (approx.)	Kg	110	132



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ADOR WELDING LIMITED
(Formerly Known as Advani-Oerlikon Ltd.)

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