



RED 403 / 503 / 603

Welding Transformers 400 – 600 Amps



Key Attributes

- Smooth welding current control achieved through a modern moving core magnetic shunt design.
- Stepless, smooth, and infinitely variable current regulation for precise welding control.
- Welding current adjustment is possible even while welding is in progress.
- Easy manoeuvrability with a swivel front wheel and a two-rear-wheel arrangement.
- On-Off switch control, current control, and current indicator conveniently located on the front panel.
- Excellent dynamic characteristics ensure smooth and optimal metal transfer, making it particularly suitable for low hydrogen electrodes.



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TECHNICAL SPECIFICATIONS

MODELS	RED 403	RED 503	RED 603	UNIT
SUPPLY VOLTAGE, PHASE, FREQUENCY	415, 2 LINES OF 3 PHASE, 50			V AC, NOS., HZ
INPUT KVA @ 100 % DUTY CYCLE	19	25	28.4	KVA
INPUT SWITCH FUSE RATING	80	100	120	A
RECOMMENDED CAPACITOR FOR P.F. IMPROVEMENT	8	10	10	KVAR
OPERATING ARC VOLTAGE	22-36	23-40	24-44	VOLTS
OPEN CIRCUIT VOLTAGE	80	80	80	VOLTS
WELDING CURRENT RANGE	60-400	80-500	100-600	A
MAX. CONTINUOUS HAND WELDING CURRENT	300 @ 60%, 230 @ 100%	400 @ 60%, 300 @ 100%	450 @ 60%, 350 @ 100%	A
MAX. INTERMITTENT WELDING CURRENT	400	500	600	A
WELDING ELECTRODE SIZE	2 - 6.3	2.5 - 6.3	3.15 - 6.3	Ø MM
CLASS OF INSULATION	F	F	F	CLASS
COOLING TYPE	FORCED AIR	FORCED AIR	FORCED AIR	TYPE
PROTECTION CLASS	IP23	IP23	IP23	CLASS
DIMENSIONS (L X W X H)	720 X 460 X 750	745 X 500 X 780	820 X 560 X 850	MMS
WEIGHT (APPROX.)	110	132	160	KGS.