

WELDING TRANSFORMERS



RED SERIES

- Single phase Welding Transformers
- F Class insulation - enhances service life
- User friendly AC Arc Welders
- Easily maneuverable from job to job on the shop-floor
- Stepless, smooth and infinitely variable current regulation



TPA SERIES

- Three phase Welding Transformers
- User friendly AC Arc Welders
- Stepless, smooth and infinitely variable current regulation
- Compact and lightweight
- Convenient and easily maneuverable from job to job on the shop-floor
- 'Open-delta' connection design enables conversion of three phase input into single phase output



ADOR WELDING LIMITED

Central Marketing Office

L. B. S. Marg, Bhandup (W), Mumbai - 400 078 (India).
Phone : 022-2596 2564 / 77, 2596 0285 / 88 Fax : 022-2596 6562, 2596 6062
E-mail : cmo@adorians.com Website: www.adorwelding.com



WELDING TRANSFORMERS



SALIENT FEATURES :

- Smooth welding current control by modern moving core magnetic shunt design
- Stepless, smooth and infinitely variable current regulation
- Adjustment of welding current feasible even while welding is in progress
- 1 swivel front wheel and 2 rear wheel arrangement for easy maneuverability
- ON-OFF switch control, current control and current indicator provided on the front panel
- A special design provides for excellent dynamic characteristic and thus ensures smooth and optimum metal transfer

SPECIFICATIONS :		Product Range			
MODELS	Unit	RED 403	RED 503	TPA 303	TPA 403
INPUT					
Supply Voltage	Volts	380 / 415		380 / 415	380 / 415
Phases	No.	- 2 lines of 3 phase -		3	3
Frequency	Hz	50	50	50	50
Max. Input Power@ 100%	KVA	19	24	12	15
Input switch fuse rating	A	80	100	55	80
Recommended Capacitor for P.F. improvement	KVAR	8	10	6	7
OUTPUT					
Output Characteristic	Type	CC	CC	CC	CC
Operating Arc Voltage	Volts	22 - 36	23 - 40	22 - 32	22 - 36
Open circuit voltage	Volts	80	80	66	66
Welding current range	A	60 - 400	80 - 500	40 - 300	60 - 400
Max. continuous @ 60% hand welding current @ 100%	A	300	400	225	300
Max. Intermittent welding current	A	400	500	300	400
Welding Electrode range					
Minimum	mms	2	2.5	2	2
Maximum	mms	6.3	6.3	5	6.3
GENERAL					
Class of Insulation	Class	F	F	A	A
Cooling Type	Type	Forced Air			
Protection class	Class	IP23	IP23	IP23	IP23
Dimensions(mms)					
L	mms	720	745	720	720
W	mms	460	500	500	500
H	mms	750	780	800	800
Weight	kgs	110	132	125	163
ORDERING CODE	No.	3500107	3500108	3500114	3500115
OPTIONAL ACCESSORIES					
Welding Accessories	Type	WAC400	WAC600	WAC400	WAC400
Ordering Code		6400114	6400115	6400114	6400114

Warranty : One year from the date of purchase. ADOR WELDING LTD. warrants that all new equipment sold from Plant/Area Offices/ Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.

In view of continuous development, Ador Welding Ltd. reserves the right to modify/change the design and/or the specifications without any prior notice.

Backed by our dedicated customer care package.

Contact Authorised Distributor:

F-303-451-17-1/20



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