

# 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](mailto:cmo@adorians.com) Website: [www.adorwelding.com](http://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		RED 403	RED 503	TPA 303	TPA 403
<b>INPUT</b>	<b>Unit</b>				
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	90
Recommended Capacitor for P.F. improvement	KVAr	8	10	6	7
<b>OUTPUT</b>					
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	230	300	175	230
Welding Electrode range					
Minimum	mms	2	2.5	2	2
Maximum	mms	6.3	6.3	5	6.3
<b>GENERAL</b>					
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
<b>ORDERING CODE</b>	No.	3500107	3500108	3500114	3500115
<b>OPTIONAL ACCESSORIES</b>					
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-303-4K17-UPB



## 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



**Area/Territory/Field Offices: Tel. Nos.:** Ahmedabad (079) 551 2763, 2637 9923 Andheri (022) 2826 0043/45 Bangalore (080) 2658 5125 Baroda (0265) 2362 265, 3969 954 Bhandup (022) 2596 2564/77  
 Bhubaneswar (0674) 2585 743, 2585 415 Chennai (044) 2322 1375, 2822 0816 Coimbatore (0422) 2303 666, 2304 281 Delhi (011) 4141 1049, 4141 1106 Faridabad (0129) 4035 938  
 Guwahati (0361) 2461 923, 2461 936 Hespel 09380194128 Hyderabad (040) 2771 2090 Indore (0731) 2494 220, 4066 840 Jabalpur (0761) 4015 444 Jaipur (0141) 2220 853, 2220 934  
 Jamnagar (0288) 2635129 Jammu 09419195246 Jamshedpur (0657) 2427851 Kochi (0484) 2394 653 Kolkata (033) 2216 9585, 2216 8400 Ludhiana (0161) 5084 493  
 Lucknow (0522) 3250 063, 3250 034 Nagpur (0712) 3299 172 New-Mumbai (022) 2757 0095 / 6770 Pune (020) 2747 6906, 2747 6276-77 Rihand (05446) 274979 Raipur (0771) 2562 290, 4041 317  
 Silchar (03342) 245532 Silliguri 09332094867 Silvassa (0260) 3632 237, 3258 343 Sundernagar 09816049001 Trichy (0431) 4001 116, 4001 117 Vasco (0832) 2510 100 Visakhapatnam (0891) 5516 166