

WELDING TRANSFORMERS WITH NATURAL AIR COOLING

DOUBLE MUSTANG / DOUBLE RACER DOUBLE HORSE / DOUBLE STALLION



Thoroughbred Series AC ARC Welding Transformers



- Light weight and compact transformers with robust construction - Ideal choice for site usage
- Natural air cooled transformers - coils designed for natural air cooling which eliminates the use of fan and thus risk of coil burning whenever fan fails
- Specially designed transformer coils with minimum joints and better interlayer insulation -eliminates the coil failure and enhances service life of transformer
- Stepless, infinitely variable current adjustment through sturdy and smooth moving core mechanism
- Stepless, smooth and infinitely variable current adjustment possible even while welding is in progress

SALIENT FEATURES








- Ensures the fine control of welding current to minimise the heat input to the job which reduces the HAZ
- Dynamic output characteristics ensures smooth and uninterrupted arc resulting excellent welding performance throughout the entire welding range
- Provided with input power ON-OFF switch
- 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

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Cont.

SPECIFICATIONS	UNIT	DOUBLE MUSTANG	DOUBLE RACER	DOUBLE HORSE	DOUBLE STALLION
INPUT	Volts	230/400	415	415	415
Voltage Supply Phases 	No.	1	1	1	1
		(.....2 Lines of 3 Phase AC.....)			
Frequency	Hz	50	50	50	50
Input KVA @ 100% Duty Cycle	KVA	10.5	16.0	21.0	25.5
Recommended Capacitor for PF improvement	KVAr	5.0	8.0	9.0	11.0
OUTPUT					
Open Circuit Voltage 	V	66	80	80	80
Welding Current Range 	A	35-250	50-300	60-400	80-500
		(.....Single Range Control.....)			
Maximum intermittent welding current at 35% duty	A	250	300	400	500
Maximum continuous welding current at 60% duty cycle 	A	190	225	300	375
Maximum automatic welding current at 100% duty cycle	A	150	175	230	300
GENERAL SPECIFICATIONS					
Type of Cooling 		(.....Natural Air Cooled.....)			
Insulation	Class	H	H	H	H
Recommended electrode size/range	mm	2-5	2-2.6	2-6.3	2.5-6.3
Overall dimensions:					
Length 	mm	590	650	650	650
Width	mm	425	475	500	550
Height	mm	660	700	725	755
Weight (approx.) 	kg	92	120	140	170

- **Warranty** : One year from the date of commissioning. ADOR WELDING LIMITED 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 LIMITED reserves the right to modify/change the design and/or the specifications without any prior notice.
- Backed by dedicated customer care package.