

DOUBLE MUSTANG / DOUBLE RACER DOUBLE HORSE / DOUBLE STALLION

Thoroughbred Series AC ARC Welding Transformers

1
Phase



- 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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SPECIFICATIONS	UNIT	DOUBLE MUSTANG	DOUBLE RACER	DOUBLE HORSE	DOUBLE STALLION
INPUT	Volts	230/400	415	415	415
Voltage Supply Phases 	No.	1 (.....2 Lines of 3 Phase AC.....)	1	1	1
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 (.....Single Range Control.....)	50-300	60-400	80-500
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 	Class	(.....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
ORDERING INFORMATION		PRODUCT CODE	PRODUCT CODE	PRODUCT CODE	PRODUCT CODE
Standard Power Source - AC ARC Welder		F10.35.802.0009	F10.35.802.0006	F10.35.802.0007	F10.35.802.0008

- **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.