

SILENT CHALLENGER MULTI 2 X 301

New Generation Diesel Engine Driven Silent Welding Sets With Multiprocess Capability and Confirming to Latest CPCB Norms.



- India's First Double operator welding set with multiprocess welding capabilities and conforming to latest CPCB norms for Noise & Emission level.
- Versatile applications, suitable for manual and semiautomatic welding process for cross country, inplant pipeline welding applications.
- Ideal for heavy duty fabrication & site applications.
- Highly reliable even in hostile site conditions.
- Big savings in fuel and longer runs before next refueling.
- Specially proven with cellulosic (6010 & 7018 types) and other special types of electrodes.
- Super Silent Operation.

WELDERS TO THE NATION

ADOR WELDING LIMITED



(Corporate Marketing Office)

5/A, 'CORPORA', LBS Marg, Bhandup (West), Mumbai - 400 078. Tel. : +91 22 66239300 / 35
Fax : +91 22 25966562 / 6062 • E-mail: cmo@adorians.com • Website: www.adorwelding.com





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TECHNICAL SPECIFICATIONS :

Welding Generator Welding Process	Unit	Welding Mode		
	Type	Double Operator		Single Operator
	Type	Brushless		
	Type	Manual	Semi-auto	Manual
Welding Current Ranges	Amps	15-300 Amps	15-300 Amps	30-600 Amps
Max. hand welding current at 40% D.C.	Amps	300 Amps @32V	300 Amps @29V	600 Amps @30V
Max. hand welding current at 60% D.C.	Amps	250 Amps @30V	250 Amps @26.5V	500 Amps @30V
Max. hand welding current at 100% D.C.	Amps	200 Amps @28V	200 Amps @24V	400 Amps @37V
Open circuit voltage (Max.)	Volts	92	92	92
Generally conforms to	IS	2635	2635	2635
Speed	RPM	1800	1800	1800
Insulation	Type	F	F	F
Diameter of coated electrode	mm	2.5-6.3		2.5-6.3
Welding Current adjustments / settings provided on the set		Type Single Range, stepless welding current adjustment through potentiometer provided on front panel and Remote Control Unit with 10 mtr. Cable.		
ENGINE				
Make		Simpson		
Type	Type	S433		
Cylinder	Nos	4		
Rated Engine Speed	RPM	1800		
Engine cooling	Type	Water cooled		
Engine rating	BHP	45 at 1800 rpm		
Conforms to	Standard	IS : 10002 / 81		
Starting (12V)	Type	Electric start (Battery 12 V, 75AH)		
Fuel consumption	Litr/hre	4.5		
Fuel tank capacity	Ltrs.	75		
Meters / Gauges / Indicators Provided on set	Type details	Lube Oil Pressure gauge, Engine Coolant Temperature gauge, Battery charge am meter and warning lamp. Hour meter to indicate Hrs run, Fuel level indicator gauge		
Engine safety protections **Optional at Extra Price	Type	** Optionally provided with Auto shut off device for low lube oil pressure & high coolant temperature		
CPCB Compliance		Meets CPCB compliance for Exhaust Emission and Noise Level within 75 dBA at 1 mtr as per CPCB specifications		
AUXILIARY POWER SOURCE (BUILT-IN) (*Indicates ratings with simultaneous welding load)				
Voltage	Volts	415 / 240		
Rating (Three Phase)	KVA	18 (*8KVA max with 100% weld load)		
Rating (Single Phase)	KVA	6 (*3KVA max with 100% weld load)		
Phases	No.	3/1		
Output Plug sockets for Aux. Output supply	Type	Weather proof Industrial output sockets 1 each for 3 phase 415 V and 1 phase 230V supply provided		
GENERAL				
Dimensions & Weight.				
Length Skid Mounted	mm	2500		
Width	mm	820		
Height	mm	1175		
Weight (net)	kgs	1100		
Length 2 W Trailer Mounted	mm	3450		
Width	mm	1400		
Height	mm	2050		
Weight (net)	kgs	1280		
Length 4 W Trailer Mounted	mm	3900		
Width	mm	1400		
Height	mm	2050		
Weight (net)	kgs	1380		
OPTIONAL ACCESSORIES (AT EXTRA COST)				
1000 Hr Engine maintenance kit	Code No	6410104		
Welding accessories	Code No	6400114		
Amp/Volt meter attachment	Type	DPAV 400: (6400151) DPAV 800 (6400122)		
Spark Arrester	Code No	6410121 (012. 10. 007. 0165)		

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

Backed by our dedicated customer care package. **Engine Warranty : Back to back engine warranty as per engine manufacturer. In view of continuous development. Ador Welding Limited reserves the right to modify / change the design and / or the specifications without any prior notice.

One stop weld – shopping. Non - stop quality

Contact Authorised Distributor :

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