

SILENT CHALLENGER 400 K3

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APPLICATIONS

- Recommended for all versatile welding applications at project sites like, construction of refineries, power plants, cement plants, constructions sites, Inplant pipeline welding, city gas pipeline, cross country pipeline welding, pipeline welding from jetty to storage tanks of oil, petroleum and gas etc
- Specially recommended for Manual (SMAW) welding applications from medium to heavy duty site fabrication welding, maintenance welding with all types of electrodes and city gas pipeline and cross country pipeline welding with 6010, 7010G, 8010G electrodes
- Ideal choice for round the clock (24x7hrs) working in the most demanding and hostile site conditions

SALIENT FEATURES

- Virtually maintenance free Engine driven, **Brushless welding set with windingless rotor and Air cooled Diesel Engine**, requiring very minimal maintenance
- Fully integrated cooling system both for engine and welding generator-needs only one cooling medium, no need of water, antifreeze, or inhibitors, require just air from the atmosphere
- **Light weight and most compact Engine driven CPCB compliant welding set available in domestic market**
- Most recommended for versatile site welding applications including cross country pipeline, city gas pipeline and inplant pipeline welding etc
- Ideal for heavy fabrication, rebuilding and maintenance welding applications at site -works efficiently in all climatic conditions
- Robust mechanical design makes it highly reliable even in hostile site conditions
- Big savings in fuel consumption and longer runs before next refueling - lesser operating cost
- Specially proven with cellulosic 6010, 7010G and 8010G and other special electrodes
- Fewer spare parts required-no brushes, rotor windings, water hoses, water pumps, radiators etc
- Super silent operation



**UNIQUE DESIGN!!!
DESIGNED AND BUILT
WITH AIR COOLED ENGINE
FOR EXTRA RELIABILITY
AND FUEL SAVINGS!**



BRIEF SPECIFICATIONS:

MODELS	UNIT	SILENT CHALLENGER 400 K3
Nos of operators at a time	No	1
Characteristic	Type	CC
Open circuit voltage (Max / Min)	Volts	100 / 40
Welding current range	Amp	40-400
Welding current @ 60% Duty cycle	Amp	400
Welding current @ 100% Duty cycle	Amp	310
Class of insulation	Class	H
Engine type	Type	HA 394 (Air Cooled)
Rated Speed	rpm	1500
Aux. power source		8KVA, 3 PH, 415V / 3.0KVA, 1PH, 240V
Dimensions (LxWxH) -Skid mounted	mm	2000x820x1150
Dimensions (LxWxH) - 2 Wheel mounted	mm	2950x1455x1700
Dimensions (LxWxH) - 4 Wheel mounted	mm	3400x1455x1700
Weight (Skid mounted)	Kg	980
Weight (2 Wheel mounted)	Kg	1120
Weight (4 Wheel mounted)	Kg	1220



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ADOR WELDING LIMITED

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