

CHOPREC 401

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APPLICATIONS

- These Energy Efficient, latest Chopper based transformer rectifier units are suitable for Manual Metal Arc welding (SMAW) process with all electrodes including specials like 6010, 7010G and 8010G electrodes
- Ideally suitable for Light, Medium and Heavy duty, all purpose industrial, structural welding applications both within shopfloor and at project sites like power plants, refinery building projects
- These welding rectifiers can be also used for DC TIG welding applications by connecting suitable TIG control units



SALIENT FEATURES

- Energy Efficient Welding Rectifiers with latest Chopper based technology
- Wide current control range, suitable for thin sheet to thick sheet welding applications
- Pure DC welding output resulting spatterless welding with very good weld bead shape
- High Efficiency, High power factor power source, saving power consumption up to 35% over conventional thyristor based rectifiers
- Provided with adjustable Arc force control
- Immune to supply voltage fluctuations from +10% to -15% on 415 volt
- Compatible for power generator supply
- Constant Current characteristic with stepless current control up to 1% on set value
- Welding rectifier protected against abnormal supply/service conditions like Single phase, Short circuit, Thermal overload, Under voltage and Over voltage conditions etc
- Ideal for using with longer welding cable lengths - A must for project site fabrication
- Provided with Remote control unit for easy adjustment/stepless control of welding current



BRIEF SPECIFICATIONS:

MODELS	UNIT	CHOPREC 401
Supply voltage	Volt	415
Phase	No	3
Input KVA @ 100% Duty cycle	KVA	14
Open circuit voltage	Volt	80
Welding current range	Amp	10-400
Welding current @ 60% Duty cycle	Amp	400
Welding current @ 100% Duty cycle	Amp	310
Type of cooling	Type	Forced Air
Class of insulation	Class	H
Dimensions (LxWxH)	mm	790x585x770
Weight (approx.)	Kg	125



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ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

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