

## CUSTOM-BUILT WELDING RECTIFIERS

If need be, welding rectifiers to suit customer's specific needs of voltage, frequency and output voltage, and current with emphasis on our design can be supplied.



## GE 400 TIG/GE 600 TIG

### FEATURES

- Electronic H.F.
- Pre flow and post flow facility
- Upslope and Down slope facility
- H.F. Control
- Foot switch or Torch switch control
- MMA/TIG Change over switch
- Remote Control of current ( optional)
- Provision of ammeter and voltmeter

### TECHNICAL SPECIFICATIONS FOR THYRISTOR CONTROLLED WELDING RECTIFIER

Model		GE-400	GE-600 *	GE-800 *	GE-200
Input supply	V		415 ± 10%		
	Ph		3		
	Hz		50		
Maximum primary current	A	32	60	75	10
Switch fuse rating	A	50	100	100	20
Current range	A	10 - 400	10 - 600	50 - 800	10-200
Open circuit Voltage	V		75	65	85
Max. Hand welding current @ 60 % Duty cycle	A	400	600	800	200
		310	470	620	155
Maximum KVA Rating	KVA	24	45	55	20
Cooling			Forced Air		
Insulation	Class		H		
Weight	Kgs.	180	275	325	130
Dimensions (L x W x H)	mm	830 x 480 x 700	900 x 600 x 850	1100 x 650 x 850	710 x 410 x 660

\* Both CC/CV version available

600 & 800 Amps rectifiers are available in CC/CV mode, making them suitable for MMAW, TIG, MIG SAW & air carbon arc cutting & gouging.



## MOGORA COSMIC PVT. LTD.

Office : 697, Mohan Nagar, Telco Road, Chinchwad, Pune- 411 019. India  
 Phones : + 91 - 20 - 27474687, 27474897 Fax : + 91 - 020 - 27477253  
 Email : mogora@vsnl.com., Website : [www.mogorafinearc.com](http://www.mogorafinearc.com)

( In view of continuous development, we reserve the right to modify the design and / or dimensions without notice)



# THYRISTOR CONTROLLED WELDING RECTIFIERS

Thyristor controlled welding rectifiers are fully optimised transformer rectifier type units, ideally suitable for precision and repeatable welding application in MMAW, TIG welding and ARC gouging. (For TIG welding a separate TIG control unit is required to be used)

## Fully Thyristorised Rectifiers GE series.

'FINEARC' GE Series, fully thyristorised MMA welding Rectifiers are built using state-of-the-art solid technology and designed to meet the stringent demands of high quality radiographic welding for today's Fabrication Industries, also, including Nuclear power plants, Chemical process plants, off shore Work, Defence, Steel plant, Thermal Power plants, Mining and Structural Fabrications. Also best suitable for pipe welding.

## SPECIAL FEATURES

- True, vertical welding current characteristics with higher open circuit voltage.
- Immunity from AC input voltage fluctuation, with built-in overload and thermal cut-out protections.
- Stable arc with regular droplet transfer and elimination of spatter generation.
- Hot start facilities for easy arc striking.
- Effective prevention of electrode freezing.
- Single range current control with remote control facilities.
- Protection against HF interference.
- Excellent reliability with high performance suitable for out door, on site use.



## OPTIONALS AT EXTRA COST

**Power factor improvement capacitors:** capacity values mentioned in specifications against each model. Remote control regulation (stepless).

### Standard set of accessories :

- 5 mtrs long suitably rated welding cable and electrode holder
- 5 mtrs long suitably rated welding cable and earthing clamp.
- Welder's helmet with suitable glass filter.
- Chipper
- Wire brush
- Pair of hand gloves

*Excellent X-ray quality welding*