

# TORNADO

Switch over to the latest inverter technology

## *TORNADO SAW M-1250*



### Features

- Alternation of characteristic of constant voltage / current
- Wide range of output current
- Welding current and welding voltage as well as travel speed of welding tractor can all be present and displayed digitally
- Adjustable arcforce, welding current and welding voltage
- Remote/panel control selection
- MMA welding and air carbon arc gouging with suitable carbon electrode
- Protective functions: over-current, under-voltage and over-load
- Tractor traveling mode and direction control function
- Welding head site adjustment function.



**Ador Fontech Limited**

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## TORNADO SAW SERIES

### Submerged Arc Welding Machine - M-1250

TORNADO SAW Series products are automatic submerged-arc welding machines with IGBT inverter technology, which consist of large capacity arc welding power source and welding tractor. They are suitable for any kinds of steel ( $\varnothing \geq 5$  mm).

Technical Specifications	UNIT	M-1250
Rated Input Voltage	V	415 $\pm$ 15%
Rated input capacity	KVA	65
Phase	No.	3
Frequency	Hz	50
Rated duty cycle	A/V	60% 1250 / 44
Input current (max)	A	100
Open circuit voltage	V	71
Voltage adjusting range	V	20~50
Current adjusting range	A/V	150/26 ~ 1250/44
Wire-feed rate range	m/min	0.5 ~ 2.5
Suitable welding wire dia	mm	3.0 ~ 5.0
Power factor	%	0.9
Efficiency	%	$\geq$ 0.80
Insulation	Class	H
Protection Type		IP 23
Dimensions (W x L x H) (PS)	mm	810 x 345 x 1022
Dimensions (W x L x H) (tractor)	mm	1038 x 480 x 628
Net weight (PS)	Kgs	110
Net weight (tractor)	Kgs	50

#### STANDARD ACCESSORIES

Arc welding power source

Welding tractor

Inter connection cable package

Guide rail



#### Ador Fontech Limited

Belview 7 Haudin Road Bangalore 560 042

Tel: 080 25596045 25596073

Fax: 080 25597085

e-mail:customerservice@adorfon.com

Authorised Dealer: