

# FONTECH TORNADO MIG400S



## SEMI-AUTOMATIC GAS SHIELDED METAL-ARC WELDING MACHINE (CO<sub>2</sub>/MAG/MIG)

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FONTECH TORNADO MIG 400 S is a semi-automatic gas shielded metal-arc welding machine with IGBT inverter technology, which consist of power source and wire feeder. The machine has the characteristics of stable welding process, low spatter and good weld. The molten pool is easy to control, operation is simple and efficiency is high. Suitable for all position welding of common low carbon steel, stainless steel, aluminum and its alloys, etc.

### FEATURES

- Advanced inverter technology with dynamic response.
- Energy efficient & high duty cycle power source.
- Light weight and compact design.
- Power source with CC / CV option.
- Hot-start & arc force adjustment on front panel.
- Adjustable crater current & voltage facility.
- Universal power source for MIG, MMA , TIG, scratch start process.

### TECHNICAL SPECIFICATIONS

DESCRIPTION	TORNADO MIG400S
Input voltage	415 (± 10%) V AC
Phase	3
Frequency	50 Hz
Open circuit voltage	76 V
Output current range	50-400 A
Rated input capacity	17 KVA
Rated input current	28 A
Welding current	
at 60% duty cycle	400 A
at 100% duty cycle	310 A
Efficiency	>85 %
Insulation class	H
Protection class	IP 23
Weight	32 Kg
Dimensions (LxWxH)	634x295x521 mm

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### FEATURES

- Precise feed control for arc accuracy and stability.
- Suitable option for flux cored & solid wires.
- Welding control mounted on front panel of wire feeder.
- Four wheel drive for consistency in wire feed with creep feeding.
- 2/4 stroke facility.
- Gas purge and wire inching.
- Encapsulated wire spool casing.
- Wire feeder with handle for easy portability.
- Torch mounting bracket on side panel of enclosed wire feeder.

### OPTIONAL ACCESSORIES

ITEMS	PART NO.
Electrode holder 600	TOEH600-0
Gloves	COMMNGLOVES-0
Welding helmet	COMMNHMET-0
Co <sub>2</sub> regulator (I)	COMMCO2REGL-0
Argon regulator (I)	ARGONREGULATOR-0
Co <sub>2</sub> regulator (II)	CO2REGULATORFMDS-0
Argon regulator (II)	ARGONREGULATOR2-0
Gas hose	COMMNGASHO-0
Trolley	
MIG torch	
MB 36HD 3M-350A	TOMB36HDEVO-0
MIG torch-MB 36KD 3M	TOMB36KD-0
MIG torch	
MB-40 HD 3M	TOMB40-0