

# TECHNICAL DATASHEET

## WELDING MACHINE

### MMA-400S



Danger Electric  
Shock



Danger Welding  
Fumes



Wearing Safety  
Clothes is  
Compulsory



Wearing Safety  
Eyewear is  
Compulsory



Wearing Safety  
Gloves is  
Compulsory



Danger of  
Fire



Danger of  
Non-Ionising  
Radiation



Do Not  
Hang

## Welding Machine- MMA-400S



## Description

The TUF-FIX MMA-400S is a powerful and reliable MMA welding machine designed for professional performance and durability. Built with advanced inverter technology, it ensures stable arc performance, smooth welding operation, and high efficiency for a wide range of applications. With an output current range of 10–400A and a 35% duty cycle, the MMA-400S delivers consistent power for demanding welding tasks. It supports electrode sizes from 1.6mm to 4.0mm, making it ideal for steel and carbon steel fabrication, repair, and construction work.

## Features

- Easy to operate for professionals and beginners
- Strong and durable metal body construction
- Compact and portable design for job sites
- Smooth and stable welding performance
- Energy efficient and cost effective
- Reliable performance for daily workshop use
- Designed for quality, economy, and long-term durability

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| Specification         |                                     |
|-----------------------|-------------------------------------|
| Model Number          | MMA-400S                            |
| Type                  | Basic MMA Welder                    |
| Brand                 | TUF-FIX                             |
| Power Voltage         | 200V/60Hz                           |
| Max No-Load Voltage   | 65V                                 |
| Output Current Range  | 10-400A                             |
| Duty Cycle            | 35%                                 |
| Usable Electrode Size | 1.6-4.0mm                           |
| Insulation Class      | F                                   |
| Protection Class      | IP21S                               |
| Internal PCBs         | 1 Main PC Board Inside              |
| Application           | Steel, Carbon Steel                 |
| Warranty              | 6 Months                            |
| Colour                | Yellow Black                        |
| Included Components   | Earth clamp with 1.5 meter cable    |
|                       | Electrode holder with 2 meter cable |
|                       | Welding mask                        |
|                       | Cleaning brush                      |
|                       | User Manual                         |

Safety Measures

- Always wear protective welding helmet and safety gloves
- Use safety clothing and protective eyewear
- Ensure proper grounding before operation
- Operate in a well-ventilated area to avoid welding fumes
- Avoid contact with live electrical parts
- Keep machine away from water and moisture (IP21S rated)
- Disconnect power supply before maintenance
- Do not hang or suspend the machine during operation