



# M.W.A. WELDING (THAILAND) CO., LTD.

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## SIBITWELD MZ-1000 AUTOMATIC SUBMERGED ARC WELDING MACHINE

### KEY FEATURES

- Extra long life for repetitive welding applications
- Full range output voltage control for easy operation and precise output control
- Mode switch used to select the desired output characteristics for the process being used.
- Low voltage compensation for maintaining weld consistency, even with voltage changes of  $\pm 10\%$
- Fan cooled with electronic and thermostatic protection from current overload and excessive temperatures
- Windings and rectifiers protected against moisture and corrosive environments.

### TECH SPECS

- **Input Voltage:** 3ph ~ AC 380V $\pm 10\%$
- **Input Power (KVA):** 70 KVA
- **Current adjusting range(A):** 100~1000
- **Duty Cycle @ 40°C:** 60%
- **No Load Voltage (V):** Submerge: 90; Arc: 75
- **Welding tractor travel speed range(m/h):** 6~72
- **Wire feeding rate range(m/min):** 0.5~2.5
- **Suitable welding wire dia.(mm):**  $\Phi 3.2 \sim \Phi 5.0$
- **Efficiency:** 92%
- **Power factor:** 0.92
- **Protection & Insulation:** Air cooling
- **Cooling mode:** IP 23 & H
- **Power source Dimensions (mm):** 810 $\times$ 345 $\times$ 1022
- **Weight (kg):** 98 kg
- **Dimensions of welding tractor (mm):** 1038 $\times$ 480 $\times$ 628
- **Weight (kg):** 51 kg



### ACCESSORIES

- Standard welding power source
- Trolley
- Control box
- 15 meters 70mm<sup>2</sup> pure copper positive (car) welding cable
- 3 meters 70mm<sup>2</sup> pure copper negative (ground) cable

