



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

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# **SIBITWELD MIG SYN 500DPE WELDING MACHINE**

## **KEY FEATURES**

- **Extraordinary** welding performance, semi-auto welding for carbon steel and stainless steel materials.
- **Close to Zero spatter**, high deposition rate, high quality welds
- **Very stable** wire feeding system with encoder motor, high precision wire feeding technology. Auto adjust among input voltage fluctuations.
- **CPU + DSP Full digital control**, high precision control system, for precise waveform control to shooting-droplet transition, steady arc welding process, close-to-zero spatters, beautiful weld seam, high quality welds.
- **Multiple welding operating modes**: 2T, 4T, Special 4-step. High productivity welding works especially for large scale seam welding works.
- **Penetration control**: ensure work plate penetration to improve welding quality.
- **Built-in welding expert database**, formed by every experienced welders and techies. Various parameters automatically in-line with the on-going welding purposes.
- **Very responsive** to any required welding process
- **Protections**, enable welding safety. Short circuit protection, overheating protection, input power abnormal protection, and wire feeding protection.
- **Wide range applications**: steel structure, heavy industry, pressure vessel industry with any carbon steel or stainless steel semi-auto welding purposes.



Welding & Plasma Cutting Equipment

## TECH SPECS

- **Input Voltage:** 3ph ~ AC 380V±10%
- **Input Power (KVA):** 24.3 KVA
- **Max Output Current (A)**
  - Pulse MIG : 500 amps
  - DC MIG : 500 amps
  - DC TIG : 500 amps
  - MMA : 500 amps
- **Open Circuit Voltage (V) :** 65±5
- **Duty Cycle @ 40°C @ Max Output Current :** 100%
- **Wire Feeding :** 4-rollers (Push/Push-Pull)
- **Cooling :** Air
- **Protection & Insulation :** IP 23S & H
- **Dimensions (mm) :** 580x300x455
- **Weight (kg) :** 50 kg



## ACCESSORIES

- Wire feeder
- Euro Connection Water Cooling MIG Torch 3m
- 3m pure copper cable ground cable

