



# THERMAMAX

## TSM MIG 250



The Thermamax TSM MIG250 Welding Inverter is a versatile and efficient machine designed for a wide range of welding procedures. With its focus on MIG welding on mild steel and low-alloy steel, this welding inverter offers exceptional energy efficiency and low running costs. Equipped with advanced single-tube IGBT inverter control technology, closed-loop feedback control, and adjustable welding voltage, the TSM MIG250 ensures stable output voltage and optimal welding current, resulting in high-quality welds.

What sets the TSM MIG250 apart is its multi-process capabilities, allowing for MIG/MAG, MMA, Lift TIG, and Gasless FCAW welding. The machine's dynamic circuit control ensures a stable welding arc, low spatter, and excellent weld appearance. Additionally, it features a built-in Voltage Reduction Device (VRD) for added safety.

The 2-step and 4-step function, inching feeding, and burnback adjustment make the TSM MIG250 suitable for various welding requirements. It is compatible with both Carbon Dioxide and Mixed Gas, accommodating wire diameters ranging from 0.6mm to 1.0mm. Users can easily adjust welding parameters and preset MIG/MAG voltage and manual welding current. Moreover, the machine comes with built-in protection against overheating, over-current, and short-circuit, meeting IEC 60974-1 compliance standards.

Backed by a standard 12-month conditional warranty, the Thermamax TSM MIG250 Welding Inverter offers reliability and performance for a wide range of welding applications.

MODEL	TSM MIG250
Input power supply	Single-phase AC220V-240V ±15% 50/60Hz
Rated input capacity (KVA)	12
Rated output current (A)	250
Rated output voltage (V)	26,5
Rated duty cycle (%)	60% @ 200A
No-load voltage (V)	52
Output current range in MMA (A)	10 - 220
Output current range in MIG (A)	30 - 250
Output voltage range in MIG (V)	11 - 29
Wire diameter applicable (mm)	0,6/0,8/0,9/1,0
Wire spool applicable (kg)	15
Wire feed speed range (m/min)	2 - 15
Insulation class	F
Cooling mode	Air-cooling
Protection class	IP21S
Power factor	0,7
Efficiency (%)	85
Size (mm)	900 x 450 x 755
Weight (kg)	47

