



K2 MIG 500 SYN

Empowering Precision



K2 MIG 500 SYN is a modern, energy-efficient inverter MIG power source that ensures smooth and regulated welding power output, with reliable arc ignition and productive welding arc characteristics. Featuring an optional remote control panel, compatibility with power generators, and a two-year warranty.

★ Key benefits

- Inverter-based (IGBT) multi-process welding machine for MIG/MAG, TIG and MMA applications
- Experience precise control with our advanced control panel, featuring sophisticated user functions, accurate welding settings, and real-time monitoring through a clear digital display
- Integrated 4-roll drive wire feed mechanism with a maximum wire spool capacity of 300mm
- Synergic MIG programs for mild steel, solid and flux-cored wires
- For standalone power source usage (TIG/ MMA), an optional power source panel kit is available

⚙ Applications

- Medium and heavy metal fabrication
- Shipyards
- Offshore industry
- Repair applications

🔍 Technical Specifications

K2 MIG 500 SYN				
Input voltage	V	3~400±10%		
Frequency	Hz	50/60		
Processes		MIG	TIG	MMA
Input current	A	40.5	32,5	41.3
Input power	kVA	28.0	22.6	28.6
Welding current	A	30-500	20-500	20-500
No-load voltage	V	82	13 (VRD)	13 (VRD)
Duty cycle	A	60% 500 A 100% 390A		
Wire diameter	mm	0,6-1,6		
Circuit Breaker Standard		LW31-32B-4AB-04/2		
Protection class		IP21S		
Dimensions	L x W x H (mm)	640 x 240 x 450		
Weight	kg	35.6		
Power factor		0.76	0.75	0.77
Efficiency (%)		91.3	89.6	91.1

The Basic Welding Expert

By offering quality, efficiency, and value for money in one range, K2 by Kemppi sets a new standard for basic welding. The K2 by Kemppi range offers a comprehensive product portfolio of power sources for MMA, MIG, TIG welding. The power sources are bundled with torches of Trafimet a Kemppi Company, Italy – the world leader in torches over the last four decades, and a part of the Kemppi Group.

