

Kempact MIG

COMBINE THE ECONOMY OF COST, SIZE, WEIGHT, AND PERFORMANCE





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Kempact 2530 is 70 % lighter in weight than traditional step regulated machines. Electronic control of voltage and wire speed allows arc tuning during the weld process, so you can quickly establish the desired weld settings. Includes gun trigger latching and wire inch function.

Kempact Pulse 3000 features synergic, pulsed and double-pulsed welding. Standard programs suit a variety of materials including Fe, FeMc, FeFc, St/St, Alu, CuSi3, CuAl8 fillers wires. Simply select the filler wire type, size and plate thickness and weld. For those regular welding jobs there's even a 100 channel memory function.

When the heat is on, keep your gun cool with KempactCool 10. Optional fit for Kempact Pulse 3000 only.



KEY BENEFITS

22 kg

LIGHTWEIGHT

For single man lift portability

BENEFITS

- Basic MIG/MAG model
- Synergic pulsed model
- 4-roll wire drive system
- Electronic power regulation
- Maximum output at 40 % duty cycle
- Light weight: 22 kg
- Suitable for power generator use
- Kemppi 3+ warranty for parts and labour



PRODUCT OPTIONS



Kempact MIG 2530

Kempfi K5 MIG welder with separate controls for voltage and wire feed speed. Discover superior arc performance with excellent arc ignition in all situations. The delivery package includes an earth return cable (35 mm², 5 m) and gas hose (6 m).



Kempact Pulse 3000

Kempfi K5 MIG/MAG welder that offers synergic, pulsed and double-pulsed welding modes. Provides maximum output at 40 % ED that keeps you welding for longer. Includes a 4-roll wire drive system. Available also as MVU model.



Kempact Pulse 3000MVU

Kempfi K5 MIG/MAG welder that delivers 250 A with a 3-phase multi voltage power supply from 230-400 V. Includes a 4-roll wire drive system.



FEATURES



Weld longer at full power

If you are frequently welding at high current and in high ambient temperatures, Kempact Pulse 3000 can increase your productivity by reducing the number of cooling breaks. Kempact Pulse 3000 offers 40 % ED, which means you can keep welding twice as long at 250 A full power in 40 °C ambient temperatures when compared to lower capacity 20 % ED machines.



Memory channels add usability

If you regularly weld a variety of components and structures, you probably know your favorite settings by heart. To make life easy and accommodate the special settings that only you prefer, Kempact Pulse 3000 offers 100 memory channels that recall your favorite settings at the touch of a button or via a remote control.



Appearances do matter

Kempact Pulse 3000 welds aluminum and stainless steel materials with ease. Refined weld appearance is guaranteed with a wide materials selection and special Pulse and Double pulse features, reducing your spatter levels, increasing visual welding quality and importantly, reducing post weld cleaning times to a minimum.



ACCESSORIES



KempactCool 10

Cooling unit suitable for use with Kemppi Kempact Pulse welding equipment. KempactCool 10 performs 1 kW of cooling power with a three liter tank that can be filled with 20%-40% ethanol/water mixture, or any other suitable antifreeze agent.



Earth Return Cable

Earth return cable, available 50 mm² and 70 mm² thick and 5 m long.



MMT/PMT gun range

Whether you're welding ships' hulls or pleasure boats, rail cars or racing cars, you can trust Kemppi MMT and PMT guns to deliver value to every weld. This range includes guns for both manual and mechanized welding.



FE gun range

The FE range's great combination of professional performance with the comfort, value, and flexibility of a gas-cooled MIG/MAG gun suited to light to medium duty performance, makes it a solid choice for our customers.



ST 7

Suitable for FitWeld 300 and Kempact Pulse 3000.

The ST 7 is a 2-wheel transport unit suitable for mid-size and large gas bottle sizes.



Remote control RMT10

Fingertip control compatible with Kemppi PMT welding gun range for MIG/MAG welding.

Increase welding quality, work efficiency, comfort, and safety with appropriate, easy-to-use Kemppi remote controls.



TECHNICAL SPECIFICATIONS

Kempact MIG 2530

Product code	621853002
Connection voltage 3~ 50/60 Hz	380-440 V ±10%
Fuse (delayed)	16 A
Welding range	20 A / 15 V- 250 A / 26.5 V
Output 40% ED	250 A/26.5 V
Output 60% ED	207 A/24 V
Output 100% ED	160 A/22 V
Open circuit voltage	30-45 V
Wire feed mechanism	4-roll
Wire feed speed adjustment	1...18 m/min
Gun connection	Euro
Filler wire sizes (Fe solid)	0.6...1.0
Filler wire sizes (Fe cored)	0.9...1.2
Filler wire sizes (Al)	0.9...1.2
Filler wire sizes (CuSi)	0.8...1.0
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	580 × 280 × 440
Weight (no accessories)	20 kg
Degree of protection	IP23S
Standards	IEC/EN 60974-1, IEC/EN 60974-5, IEC/EN 60974-10
Wire spool weight, max.	15 kg
Wire spool diameter, max.	300 mm



Kempact Pulse 3000

Product code	621830002
Connection voltage 3~ 50/60 Hz	400 V ±15%
Fuse (delayed)	16 A
Welding range	20 A / 15 V- 250 A / 26.5 V
Output 40% ED	250 A/26.5 V
Output 60% ED	207 A/24 V
Output 100% ED	160 A/22 V
Open circuit voltage	56 V
Wire feed mechanism	4-roll
Wire feed speed adjustment	1...18 m/min
Gun connection	Euro
Filler wire sizes (Fe solid)	0.6...1.2 mm
Filler wire sizes (Fe cored)	0.9...1.2 mm
Filler wire sizes (Al)	0.9...1.2 mm
Filler wire sizes (CuSi)	0.8...1.2 mm
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	580 × 280 × 440
Weight (no accessories)	22 kg
Degree of protection	IP23S
Wire spool weight, max.	15 kg
Wire spool diameter, max.	300 mm

Kempact Pulse 3000MVU

Product code	62183000302
Connection voltage 3~ 50/60 Hz	230 V ±10 %/ 400V ±15%
Fuse (delayed)	16 A
Welding range	20 A / 15 V- 300 A / 29 V
Output 40% ED	250 A/26.5 V
Output 60% ED	207 A/24 V
Output 100% ED	160 A/22 V
Open circuit voltage	68 V
Wire feed mechanism	4-roll
Wire feed speed adjustment	1...18 m/min
Gun connection	Euro
Filler wire sizes (Fe solid)	0.6...1.2
Filler wire sizes (Fe cored)	0.9...1.2
Filler wire sizes (Al)	0.9...1.2
Filler wire sizes (CuSi)	0.8...1.2
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	580 × 280 × 600
Weight (no accessories)	33 kg
Degree of protection	IP23S
Wire spool weight, max.	15 kg
Wire spool diameter, max.	300 mm



ACCESSORIES

KempactCool 10

Product code	6218600
Connection voltage 3~ 50/60 Hz	400 V -15...+20%
Rated power	250 W (100 %)
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	580 × 280 × 300 mm
Weight (no accessories)	13 kg
Degree of protection	IP23S
Cooler tank volume	3 l
Cooling power	1.0 kW

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Kemppi is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

