



KEMPPI K5 WELDING EQUIPMENT

# Kempact Pulse 3000

QUALITY, SPEED AND PRODUCTIVITY



## Kempact Pulse 3000



### POWERFUL MIG/MAG WELDER WITH GREAT CAPACITY

Kempact Pulse 3000 is a great combination of power, capacity and welding refinement. It features synergic, pulsed and double-pulsed welding, and its 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, Kempact Pulse 3000 includes 100 memory channels when you wish to store welding values for later use. At 22 kg, Kempact Pulse 3000 offers 'single man lift' portability and enough work capacity to satisfy most light to medium fabrication workshops. If you don't want to carry your machine, or prefer to clear the decks and hang your machine above the workstation, you've got all the options from wheeled carriage systems with and without cylinder mounting to a hanging kit for suspension from a work station boom arm.

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### KEY APPLICATIONS



SHIPBUILDING



OIL RIGS



THIN SHEET  
FABRICATION



## KEY BENEFITS



### LESS COOLING BREAKS

At 40% ED duty cycle



### MEMORY CHANNELS

For quick and accurate set-up



### LIGHTWEIGHT

For single man lift portability

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## BENEFITS

- Synergic, pulsed and double-pulsed welding
- 4-roll wire drive system
- Electronic power regulation
- Maximum output at 40% duty cycle
- Lightweight at 22 kg
- Suitable for power generator use
- 100 memory channels for quick and easy welding parameter adjustment
- Handheld or on-torch remote control options



## BENEFITS



### 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.



## WHAT'S IN THE SETUP - EQUIPMENT



### Kempact Pulse 3000

Kemppi 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.



### 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.



## ALTERNATIVE - EQUIPMENT AND SOFTWARE



### Kemppi Pulse 3000MVU

Kemppi 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.



### Kemppi MIG 2530

Kemppi 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 mm<sup>2</sup>, 5 m) and gas hose (6 m).



## Kempact Pulse 3000

|                                |                             |
|--------------------------------|-----------------------------|
| Product code                   | 621830002                   |
| Connection voltage 3~ 50/60 Hz | 400 V $\pm$ 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                      |

## 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             |



[WWW.KEMPPI.COM](http://WWW.KEMPPI.COM)

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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.

