

KEMPACT™ PULSE 3000



New ideas in pulse-MIG/MAG welding

Are you satisfied with traditional welding equipment solutions? Would you prefer better welding performance across more materials and wider process control? Would a compact welding machine weighing less than a traditional feed unit better meet your welding needs? Yes! ...take a closer look at Kempack™ Pulse 3000. Kempack™ Pulse 3000 defines a new class of Pulsed MIG/MAG machine. With Kempack™ Pulse 3000 Kemppi further explores intelligent power source design, providing users high quality, focused arc control. Portability and mobility are true advantages and Kempack™ Pulse 3000 combines these with truly amazing welding performance. Put Kempack™ Pulse 3000 to the test. Kemppi power source technology made it possible to design Kempack™ Pulse 3000. Weighing only 22 kg, Kempack™ Pulse 3000 offers a unique combination of portability and pulse arc performance. Kemppi Process Manager™ easily guides the operator through a choice of arc control techniques including MIG/ MAG, Synergic MIG/MAG, Pulsed-MIG and Double Pulsed process.

Wide mains voltage tolerance and power generator compatibility allow the maximum field of operation. No matter where you weld, on the shop floor or at site, Kempack™ Pulse 3000 guarantees you have the optimum process control. Kempack™ Pulse 3000 has the most commonly used filler material and shielding gas Pulse programs in the standard delivery specification and the capacity to extend the memory stored library for up to 400 files. The user may store optimum welding parameters to one of 100 memory channels. Up to five channels can be controlled from a Kemppi PMT MIG gun and RMT 10 remote control unit.

Kempack™ Pulse 3000 has a wealth of arc control facilities allowing very smooth and trouble free welding. Special arc start functions including optional Hot and Creep Start guarantee excellent ignition properties with all materials and gases, creating less spatter and post weld cleaning.

Benefits

- Outstanding Power to weight ratio – 22kg/250A
- Excellent Pulse Performance
- Double Pulse, Pulse, Synergic MIG
- 100 user memory channels
- Kemppi WeldSnake™ MIG gun compatible
- Easy-to-use Kemppi Process Manager™
- Power generator compatible
- Polarity change option for cored wires

Main applications

- Thin Sheet fabrication
- Repair & Maintenance
- Installation
- Outfitting

Technical Data

Kempact™ Pulse 3000

Mains voltage	3~ 50/60 Hz	400 V ±15%
Rated power	40% ED	12 kVA / 250 A
	60% ED	10 kVA / 207 A
	100% ED	7.5 kVA / 160 A
Conn. cable/fuse delayed	4 x 1.5 mm ² - 5 m / 16 A	
Load capacity 40 °C	40% ED	250 A / 26.5 V
	60% ED	207 A / 24 V
	100% ED	160 A / 22 V
Open circuit voltage	56 V	
Power ratio at max current	0.69	
Efficiency at max current	0.84	
Welding range	8 - 30 V	
Feeding mechanism	4-roll feed	
Spool max. ø	300 mm	
Filler wires ø	Fe, Ss	0.6...1.0 mm
	Cored wire	0.9...1.2 mm
	Al	0.9...1.2 mm
	CuSi	0.8...1.0 mm
External dimensions	L x W x H	580 x 280 x 440 mm
Weight	22 kg	

Cooling unit

KempactCool 10

Operating voltage	400 V 50/60 Hz	
Connection capacity	100% ED	250 W
Cooling power	1.0 kW	
Maximum pressure	450 kPa	
Recommended cooling liquid	20 % - 40 % ethanol/water	
Tank volume	3 l	
External dimensions	L x W x H	580 x 280 x 300 mm
Weight	13 kg	

Order Information

Kempact™ Pulse 3000*	6218300	
*package includes: primary supply cable/5 m, earth cable 35 mm ² /5 m, gas hose/6 m		
KempactCool 10	6218600	
Gun holder	GH 30	6256030
Earth cable	35 mm ² 5 m	6184311
Transport units		
ST 7 (for power source and gas bottle)	6185290	
P20 (power source, cooling unit and gas bottle)	6185261	
P250 (power source)	6185268	
Lift hook	4298180	
Gas hose	6m	W000566
Wire spool pole	4289880	
5 kg spool adapter	4251270	



- Quick and easy to use
- One knob control
- 100 user memory channels
- Pre-set synergic programs: AlMg, AlSi, CuSi, Fe, Ss

MIG-guns

PMT 27	3 m	6252713
PMT 27	4,5 m	6252714
PMT 32	3m	6253213
PMT 32	4,5m	6253214
PMT 35	3m	6253513
PMT 35	4,5m	6253514
WS 35	6m Al 1,2	6253516A12
WS 35	6m Ss 1,0	6253516S10
MMT 32	3 m	6253213MMT
MMT 32	4,5 m	6253214MMT
MMT 35	3 m	6253513MMT
MMT 35	4,5 m	6253514MMT