

# Kempact MIG 2530, Kempact Pulse 3000

Combine the economy of cost, size, weight, and performance



- 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

## Applications

- Thin sheet metal fabrication workshops
- Car repair
- Agriculture
- Shipyards and offshore industry
- Installation and set-up
- Repair and maintenance

## Plenty of welding power per kilogram

**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 filler 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.

## Technical specifications

<b>Kempact</b>		<b>MIG 2530</b>	<b>Pulse 3000</b>	<b>Pulse 3000MVU</b>
Connection voltage	3~, 50/60 Hz	380 – 440V ±10%	400 V (±15 %)	230 V/400 V
Rated power		12 kVA	12 kVA	10 kVA
Connection cable	H07RN-F	4G1.5 (5 m)	4G1.5 (5 m)	4G1.5 (5 m)
Fuse, delayed		16 A	16 A	16 A
Output 40 °C	40 % ED	250 A/26.5 V	250 A/26.5 V	250 A/26.5 V
	60 % ED	207 A/24 V	207 A/24 V	207 A/24 V
	100 % ED	160 A/22 V	160 A/22 V	160 A/22 V
Open circuit voltage		30...45 V	56 V	68 V
Power factor at max. current		0.64	0.69	0.78
Efficiency at max. current		87 %	84 %	83 %
Welding range		20A/15 V – 250A/26.5 V	20A/15 V – 250A/26.5 V	20A/15 V – 300A/29 V
Wire feed speed		1...18 m/min		
Wire spool	max. ø	300 mm	300 mm	300 mm
Wire feed mechanism		4-roll	4-roll	4-roll
Filler wires ø (mm)	Fe, Ss	0.6...1.0	0.6...1.2	0.6...1.2
	Cored wire	0.9...1.2	0.9...1.2	0.9...1.2
	Al	0.9...1.2	0.9...1.2	0.9...1.2
	CuSi	0.8...1.0	0.8...1.2	0.8...1.2
External dimensions (mm)	L x W x H	580 x 280 x 440	580 x 280 x 440	580 x 280 x 600
Weight		20 kg	22 kg	33 kg

### **KempactCool 10**

Operating voltage		50/60 Hz	400 V (-15...+10 %)
Rated power		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 (mm)	L x W x H		580 x 280 x 300 mm
Weight			13 kg

## Ordering information

### **Kempact MIG 2530 (Incl. earth return cable (35 mm<sup>2</sup>, 5 m) and gas hose 6 m) 621853002**

Gun holder	GH 30	6256030
Earth return cable	35 mm <sup>2</sup> 5 m	6184311
Transport units	ST 7 (power source + gas cylinder)	6185290
	P 250	6185268
KFH 1000 feeder hanger		6185100
Welding boom	Incl. KFH 1000 feeder hanger	6264026
Wire feeder hanging device		4298180

### **Kempact Pulse 3000 621830002**

### **Kempact Pulse 3000 MVU 62183000302**

KempactCool 10		6218600
Earth return cable	5 m, 35 mm <sup>2</sup>	6184311



*Ideal pulsed MIG/MAG solution for sheet metal fabrication and automotive repair.*

## Best arc characteristics

Kempact MIG machines have superb arc performance. Excellent arc ignition assisted by burn back time technology guarantee satisfaction. Electronic arc dynamics control offers the best arc performance in all situations.

## Memory channels add usability

Kempact Pulse 3000 includes 100 memory channels to store welding values for later use. This makes it quick and easy to start welding without needing to adjust the settings once more.



*Kempact Pulse 3000 control panel.*

*For MIG/MAG welding gun range please see page 64 – 81.*