

Power MIG® 180C Ready-to-weld™



The portable Power MIG® 180C is designed for use with 240 volt input power allowing welds on thicker material—up to 5mm with MIG welding and 12mm with gas-less flux-cored welding. The Power MIG® 180C features continuous voltage control makes tuning in the perfect setting a breeze. It is ideal for critical applications where precise adjustment is required.

Lincoln Electric® Diamond Core Technology™ and the rugged industrial drive system ensures great results on steel, stainless or aluminium.

The Power MIG® 180C Ready-to-weld™ package has a host of inclusions to get you welding straight away (see grey panel).

Advantage Lincoln

- Wide 30 – 180 amp welding output range is the highest output in its class
- Exclusive Diamond Core Technology™ delivers outstanding arc control for easy arc start, a wide voltage 'sweet spot', extremely low spatter and outstanding performance on aluminium and stainless as well as mild steel
- MIG weld 0.5mm up through 5mm sheet metal in a single pass
- Weld up to 12mm steel using self-shielded Lincoln Electric® Innershield® wires (FCAW-SS)
- Industrial Cast Aluminum Drive features dual gear-driven drive rolls for positive traction

- Spool Gun Ready – no expensive add on modules required
- No Hassle Tool-less Design for wire spool mounting, wire drive service and polarity changes
- Innovative contact tip, drive roll and nozzle storage keeps all your consumables close at hand
- Toughest PC Board Protection in the industry
- 3-year warranty parts and labour

Processes

MIG, Flux-Cored

Ordering Information

K2668-1

Literature

J4.11 10/07

Specifications

Output Range (Amps)	30-180 Amps DC 1.3-12.7 m/min Max. OCV:33
Rated Output (Duty Cycle)	130A/20V/30%
Rated Input	10.7 amps
Dimensions (mm) H x W x D	357 x 258 x 472
Net Weight (kg)	30

Ready-to-weld™ inclusions
 Magnum® 100L gun
 3.0 m cable assembly with brass gun connection
 4-pin MS-Type connection for trigger control
 0.6 mm Contact Tips (Qty. 3)
 0.9 mm Contact Tips (Qty. 3)
 Gasless Nozzle for Innershield® welding
 Gas Nozzle for MIG welding
 Spindle Adapter for 5kg Spools
 1.2 mm Wire Diameter Wire Guide
 0.6-0.9 mm Wire Diameter Wire Guide
 0.6 mm Wire Diameter Drive Roll for MIG welding
 0.9 mm Wire Diameter Drive Roll for MIG welding
 0.8-1.2 mm Wire Diameter Knurled Drive Roll for Flux-Cored welding
 Gas Regulator and 1.3 m Hose for use with argon blend gases
 0.90 kg Spool of 0.6 mm diameter SuperArc® L-56®
 0.45 kg Spool of 0.9 mm diameter Innershield®
 NR®-211-MP flux-cored wire
 Work Clamp and 3.0 m Cable
 Instruction Manual (IM-890)
 How to Use DVD
 Learn to Weld Manual (LTW1)

Recommended Options

Magnum® 100SG Spool Gun	K2532-1
1.2 mm Innershield® Kit	K2528-1
Welding Cart	K2275-1
Utility Cart (Heavy Duty)	K520
Small Canvas Cover	K2377-1
Spot Timer Kit	K2525-1
Welding Fume Extractors	see Fume Extraction