



Powerful Compact Excellent Economics

The design of the Powertec 200, 250 and 300C was driven by the need to provide our customers with a range of machines offering a variety of welding outputs.

The Powertec range begins with the 200C, which is the ideal machine for the welding of thin sheet metal applications. With excellent arc and starting characteristics this machine allows you to complete your welding project efficiently, quickly and professionally with minimal spatter levels. The Powertec 250C is a more powerful version, still offering the facilities to weld thin material but also the extra power required for light construction work. The Powertec 300C has been built as the true multi-purpose model, ideal for both thin sheet applications and light to medium construction work. The Powertec 300C will operate in both Short Arc welding and Full Spray modes with a 1.0mm wire.

We have equipped the Powertecs with many features as standard including; 2/4 stroke, adjustable burn-back, spot-weld, wire inch and gas test. The Powertec range was designed to be consistent with Lincoln branding. For ease of use and added simplicity the primary controls are available on the front of the machine.



All additional features are protected from the external elements behind a drop down panel on the side of the machine.

A quality welding performance depends on a quality wire drive system. For this reason we have equipped the Powertec range with a large drive roll system. Also incorporated is an electronic feedback system to stabilize any variations for a smooth delivery of wire. The multiple voltage selectors enable you to find the optimum parameters for each application.

Every Powertec has been designed to meet Lincoln's high standards of performance and reliability. As a result we confidently provide a Lincoln two-year warranty on parts and labour.

ADVANTAGE

- ✓ Products developed with a focus on applications
- ✓ Stable arc
- ✓ Excellent starting performance
- ✓ Designed with user friendly features
- ✓ Voltage selectors with multiple steps for precise adjustment
- ✓ Excellent drive system with large drive roll
- ✓ Electronic feedback system on the wire drive will guarantee consistent wire feed speed
- ✓ Gas test to adjust the gas flow before welding
- ✓ Wire inch to feed the wire through the gun
- ✓ Two / four stroke
- ✓ Adjustable burn-back will prevent the wire from sticking in the weld pool
- ✓ Equipped with large diameter wheels, push/pull bar and lifting eyes for full maneuverability
- ✓ Designed to meet EN60974-1 and CD standards for safety and reliability
- ✓ Built the Lincoln Way 'RUGGED & RELIABLE'
- ✓ Two Year warranty on parts and labour

LINCOLN®
ELECTRIC

TECHNICAL SPECIFICATIONS

Product Name	Item Number	Input Voltage	Input@rated output	Weight	Dimensions H x W x D (mm)	Protection Class	Number of steps	WFS m/min	Drive	Compliance
Powertec 200C	K14003-1	230 / 400V	7.5 KVA @ 35%	80 KG	815x460x925	IP23	10	1.5-20	2 roll system Ø 37 mm	EN 60974-1 / EN 50199 CE
Powertec 250C	K14004-1	+/- 10%	10.5 KVA @ 35%	87 KG			20			
Powertec 300C	K14005-1		14.4 KVA @ 35%	88 KG			20			

WELDING OUTPUT

Product Name	Current range	rated output (40°C)
Powertec 200C	25A/15V-200A/24V	200A@35% 150A@60%
Powertec 250C	25A/15V-250A/26.5V	250A@35% 190A@60%
Powertec 300C	25A/15V-300A/29V	300A@35% 225A@60%

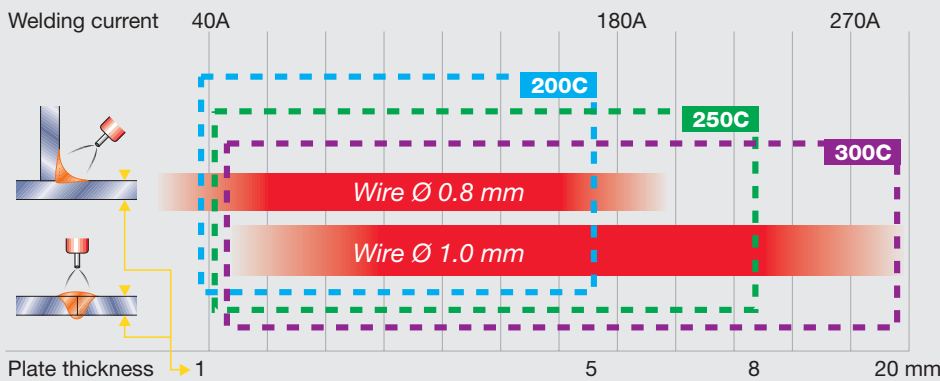
PACKAGE INCLUDES

Primary cable	4 meter
Worklead & Clamp	3 meter
Drive roll	0.8-1.0 mm
Gas hose	2 meter

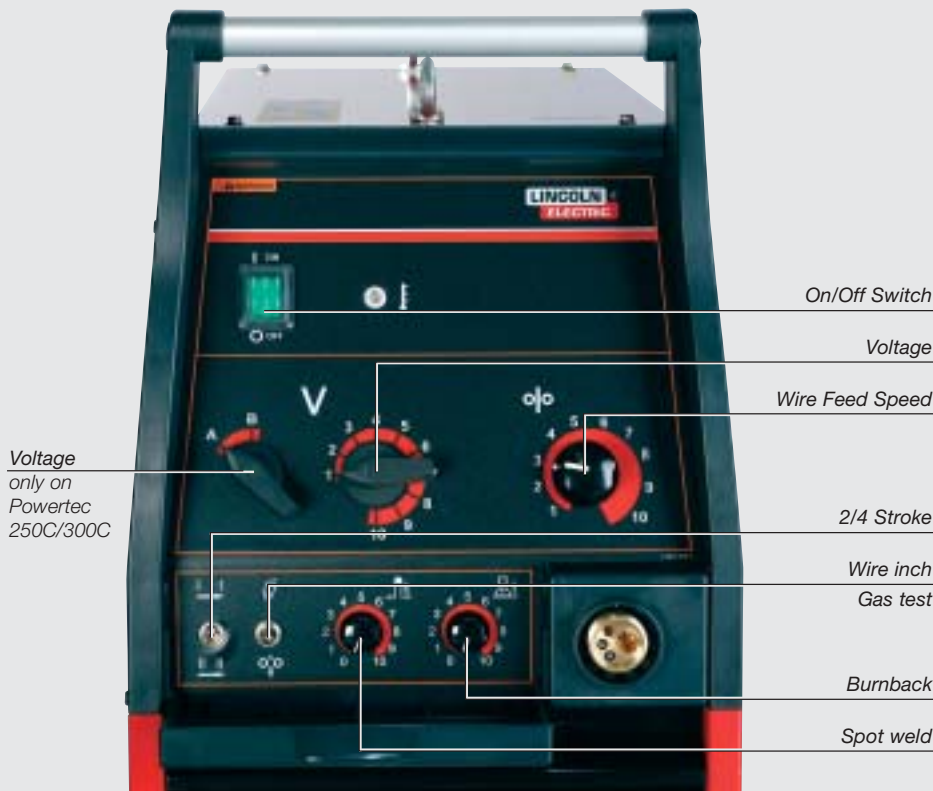
OPTIONS

Options	Item number
CO ₂ heater kit	K14009-1
Drive roll 0.6-0.8 mm	KP14016-0.8
Drive roll 1.0-1.2 mm	KP14016-1.2

POWERTEC SELECTION CHART



large (Ø37 mm) drive roll



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Your Lincoln Electric Dealer:

