



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.

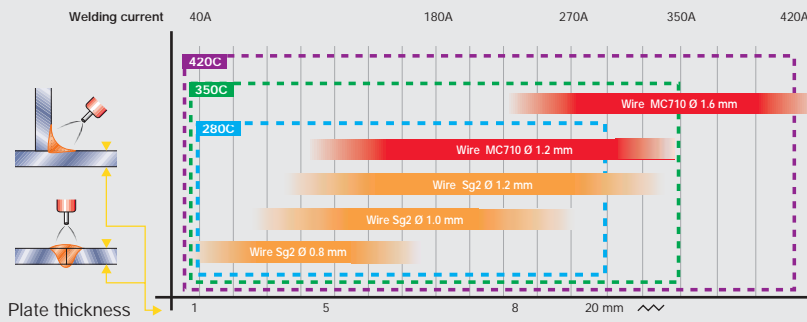
A quality welding performance depends on a quality wire drive system. For this reason we have equipped the Powertec range with a large drive roll system. Also incorporated is an electronic feedback system to stabilize any variations for a smooth delivery of wire. The multiple voltage selectors enable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

ADVANTAGES

- ✓ 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'
- ✓ Three Year warranty on parts and labour

Technical Details

Product selection Chart



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	3Ph	14.4 KVA @ 35%	88 KG			20			

WELDING OUTPUT

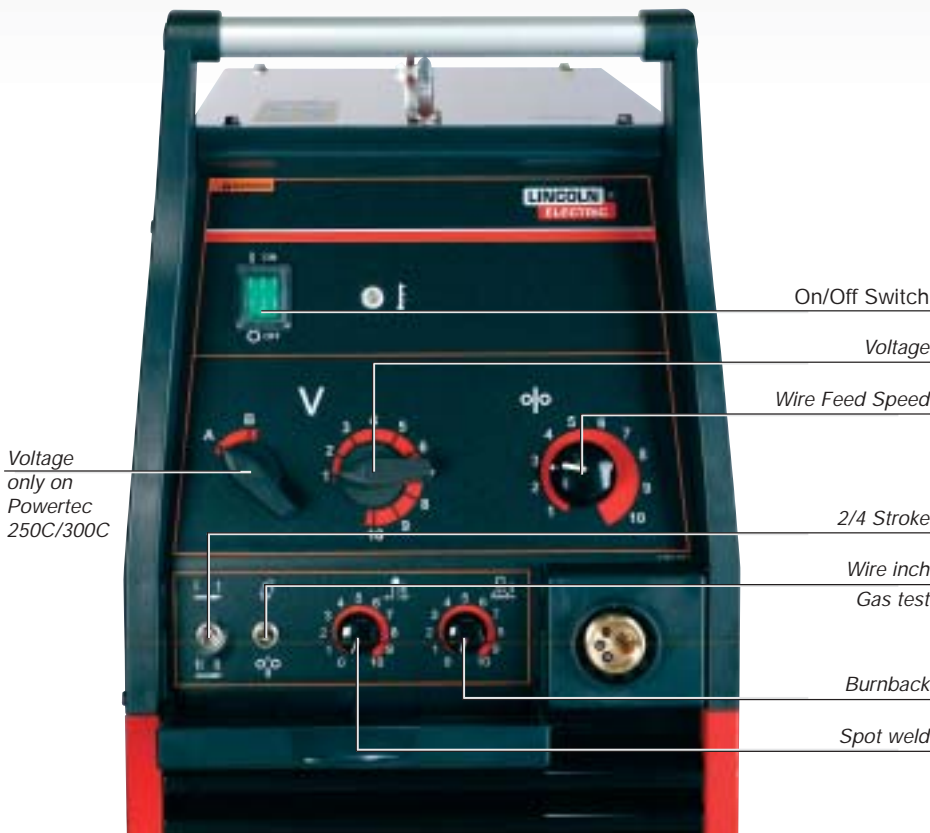
Product Name	Current range	Rated output (40°C)
Powertec 200C	25A/15V-200A/24V	200A@35% 150A@60%
Powertec 250C	25A/15V-250A/26.5V	250A@35% 190A@60%
Powertec 300C	25A/15V-300A/29V	300A@35% 225A@60%

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
CO2 heater kit	K14009-1
Drive roll 0.6-0.8 mm	KP14016-0.8
Drive roll 1.0-1.2 mm	KP14016-1.2



Great Britain: Lincoln Electric (UK) Ltd.
Tel: +44 114 287 2401 Fax: +44 114 287 2582

Belgium: Lincoln Smitweld Belgium
Tel: +32 2 377 00 71 Fax: +32 2 378 18 77

France: Lincoln Electric France SA
Tel: +33 232 11 40 40 Fax: +33 232 11 40 11

Germany: Lincoln Smitweld G.m.b.H
Tel: +49 201 896 280 Fax: +49 201 896 2831

Italy: Lincoln Electric Italia, SRL
Tel: +39 010 754 1120 Fax: +39 010 754 1150

The Netherlands: Lincoln Smitweld B.V.
Tel: +31 24 352 29 11 Fax: +31 24 352 22 00

Denmark: Lincoln Electric Nordic
Tel: +45 86 26 51 00 Fax: +45 86 26 51 50

Norway: Lincoln Electric Norge AS
Tel: +47 23 377 400 Fax: +47 22 720 580

Spain: Lincoln KD, Sa
Tel: +34 93 685 9600 Fax: +34 93 685 9610

Sweden: Lincoln Electric Sverige AB
Tel: +46 510 22 045 Fax: +46 510 62 791

Turkey: A.S. Kaynak
Tel: +90 216 377 30 90 Fax: +90 216 377 00 00

Poland: Bester S.A.
Tel: +48 746 46 1100 Fax: +48 746 46 1082

Other countries: Lincoln Electric Europe B.V.
Tel: +31 24 352 29 27 Fax: +31 24 352 29 29

Your Lincoln Electric Dealer:

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www.lincolnelectric.eu