



## SINGLE (1PH) SUCCESS COMPACT CONTROL

Powertec® 161C, 191C, 231C and 271C are all designed to provide a range of machines with a variety of welding outputs suitable for operating from a single-phase mains supply.

The Powertec® range begins with the 161C, which is ideal for the welding of thin sheet metal applications and repair and maintenance works. This machine has excellent arc and starting characteristics allowing you to complete your welding project efficiently, quickly and professionally with minimal spatter levels. It is a perfect tool for small workshop, car body repair or for the farm.

The Powertec® 191C and 231C have the power required for light construction applications, yet still offer the flexibility to weld thin material like the Powertec 161C. The Powertec® 271C truly is the multi-purpose model in this range, ideal for both welding thin material and also light to medium construction work.

The Powertec® range is designed to feed wire from 0,6 mm to 1,2mm (steel, stainless steel and flux-cored) on B300 and S200 spools. All these machines can be manoeuvred easily with their robust undercarriage and large steering and rear wheels.

All have been equipped with many features as standard including: 2/4 stroke, adjustable burn-back and spot-welding. 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.

POWERTEC® Single phase range has been designed to meet Lincoln's standards of performance and reliability and come complete with a Lincoln three-year warranty on parts and labour



Professional wire feeding system and easy to change polarity

## ADVANTAGE

### ✓ Superior arc behaviour

- Premium starting performance
- Arc stability

### ✓ Excellent control

- Burnback control
- Spot welding function
- 2/4 stroke feature (except PT161C)
- Additional voltage settings

### ✓ Outstanding wire drive system

with large diameter drive rolls

### ✓ Designed for

solid wire and flux-cored wire

### ✓ Optional volt and ammeter

(except PT161C)

### ✓ Equipped with

Euroconnector and ground cable assembly

### ✓ Easy to change polarity

### ✓ Built the Lincoln Way

Robust and reliable design for dependable service and long life

### ✓ 3 Years Full Parts and Labour Warranty

## TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size (slow)	No of steps	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Insulation Class	Compliance
Powertec® 161C	K14040-2	230V / 1ph 50-60Hz	16A	7	53	615 x 390 x 825	IP23	H	EN 60974-1 / EN 50199 CE ROHS
Powertec® 191C	K14045-1		20A	8	70	765 x 427 x 850			
Powertec® 231C	K14046-1		25A	12	80				
Powertec® 271C	K14047-1		32A		83				

## WELDING OUTPUT

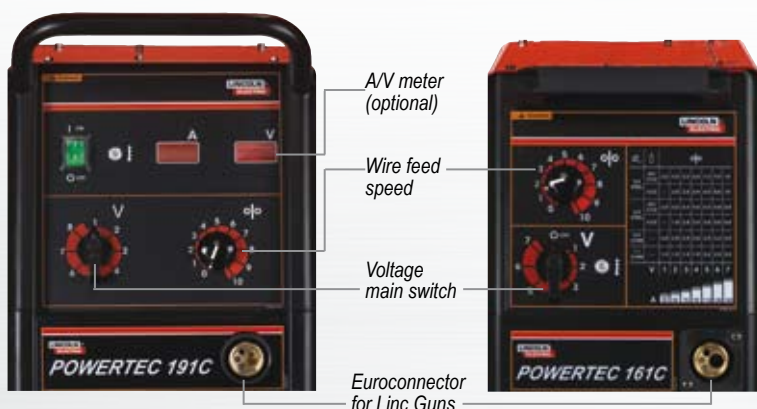
Product	Current Range (A)	Rated Output (40°C)	O.C.V
Powertec® 161C	30-150	150 A / 21.5 V / 20%	37Vdc
Powertec® 191C	30-180	180 A / 23.0 V / 20%	42Vdc
Powertec® 231C	35-220	220 A / 25.0 V / 20%	45Vdc
Powertec® 271C	35-255	255 A / 26.8 V / 20%	47Vdc

## LINC GUN™

Torch	Duty cycle	Item	Length
LG 140 G	140A 60%	K10413-14	3m/4m/5m
LG 150 G	150A 60%	K10413-15	
LG 250 G	200A 60%	K10413-25	
LG 240 G	220A 60%	K10413-24	
LG 260 G	260A 60%	K10413-26	

## ACCESSORIES

Item Number	Description	PT161C	PT191C	PT231C	PT271C
KP14016-0.8	Drive roll kit - solid wire - 0.6-0.8mm	+	option	option	option
KP14016-1.0	Drive roll kit - solid wire - 0.8-1.0mm	+	+	+	+
KP14016-1.2	Drive roll kit - solid wire - 1.0-1.2mm	-	option	option	option
KP14016-1.1R	Drive roll kit - flux-cored wire - 0.9-1.1mm	option	option	option	option
KP14016-1.2A	Drive roll kit - aluminium - 1.0-1.2mm	-	option	option	option
K14042-1	Adaptor for 5kg (S200) spool	+	option	option	option
K14044-1	Meter V/A kit	-	option	option	option
K14048-1	CO <sub>2</sub> heater connection kit	-	option	option	option



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