

ADVANTAGE

► Superior Arc behaviour

- Premium starting performance
- Arc stability

► Excellent control

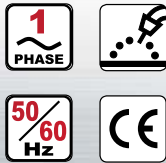
- Burnback control
- Spot welding
- 2/4 strike (except PT161C)
- Additional voltage settings

► Professional wire feeding system

► Bright digital display

Optional digital volt and ammeter (except PT161C)

► Easy to change polarity



Single (1ph) success Compact control

The 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.



Professional wire feeding system and easy to change polarity

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.

LINCOLN[®]
ELECTRIC
THE WELDING EXPERTS[®]

Powertec® 161C – 191C – 231C – 271C

TECHNICAL SPECIFICATIONS

Product	Item number	Primary Voltage	Fuse size (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Insulation class	Conformance
Powertec® 161C	K14040-2	230V/1/50-60Hz	16A	53	615 x 390 x 825	IP23	H	EN 60974-1 EN 60974-10 ROHS CE
Powertec® 191C	K14045-1		20A	70	765 x 427 x 850			
Powertec® 231C	K14046-1		25A	80				
Powertec® 271C	K14047-1		32A	83				

WELDING OUTPUT

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

LINC GUN™

Torches	Duty cycle	Item number	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 ₂ heater connection kit	-	option	option	option

SELECTION CHART



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