

Powertec® 161C, 191C, 231C, 271C

The Professional's Choice

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, 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.

Features

- Superior arc behaviour with premium starting performance and arc stability.
- Excellent control, with Burnback control, Spot welding function, 2/4 stroke feature (except PT161C) and additional voltage settings.
- Optional volt and ammeter (except PT161C).
- Easy to change polarity.
- Professional wire feeding system.
- Equipped with Euro connector and ground cable assembly.



Processes

- MIG
- Flux-cored

Recommended Consumables

- **Steel**
Ultramag®, Supramig®, Supramig Ultra®
- **Flux-cored**
Innershield® NR211-MP

Unit Includes

- 3 m input cable and 3 m ground cable

Key Options

- **K10429-15-xM** MIG gun LGS 150 G – 150A – 3/4/5 m
- **K10429-25-xM** MIG gun LGS 250 G – 200A – 3/4/5 m
- **K10413-25PHD-xM** MIG gun LGP 250 G – 200A – 3/4/5 m
- **K10413-25FX-xM** MIG gun LG 250 G FX – 200A – 3/4/5 m
- **K10429-36-xM** MIG gun LGS 360 G – 300A – 3/4/5 m
- **K10413-36PHD-xM** MIG gun LGP 360 G – 300A – 3/4/5 m
- **KP14016-x** Drive roll kit range (2R)
- **K10158-1** Readi-reel mounting stand (15 kg)
- **K14044-1** Meter V/A kit (except PT161C)
- **K14048-1** CO₂ heater connection kit (except PT161C)



Technical Specifications

Product	Item Number	Primary Voltage (50-60Hz)	Current Range (A)	Rated Output	Fuse Size (A) (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class
Powertec® 161C	K14040-2	230V/1Ph	30-150	150A/21.5V/20%	16	53	615 x 390 x 825	IP23 / H
Powertec® 191C	K14045-1		30-180	180A/23.0V/20%	20	70	765 x 427 x 850	
Powertec® 231C	K14046-1		30-220	220A/25.0V/20%	25	80		
Powertec® 271C	K14047-1		30-255	255A/26.8V/20%	32	83		



* "- 2" include A/V meter installed