

# Powertec® 205C, 255C, 305C

## Powerful compact, excellent economics

The design of the Powertec® 205C, 255C and 305C was driven by the need to provide our customers with a range of machines offering a variety of welding outputs. The range begins with the 205C, which is an ideal machine for welding of thin sheet metal applications. With excellent arc and starting characteristics this machine allows welding projects to be completed efficiently, quickly and professionally with minimal spatter levels. The Powertec® 255C is a more powerful version, still capable of welding thin material but with the extra power required for light fabrication work. The Powertec® 305C truly is a multi-purpose model, ideal for both thin sheet applications and light to medium fabrication work. The Powertec® 305C will operate in either Short Arc welding or Full Spray modes with a 1.0 mm wire.

### Features

- Products developed with a focus on applications.
- Excellent starting performance (stable and dynamic).
- Voltage selectors with multiple steps for precise adjustment.
- Excellent drive system with large diameter drive roll.
- Electronic feedback system on the wire drive will guarantee consistent wire feed speed.
- Equipped with large diameter wheels, push/pull bar and lifting eyes for full manoeuvrability.
- Optional Volt Ammeter kit and polarity change kit.



#### Processes

- MIG
- Flux-cored

#### Recommended Consumables

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

#### Unit Includes

- Undercarriage
- 5 m-input cable
- Work clamp and cable assembly [3 m]
- Gas hose [2 m]
- Drive roll kit

#### 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)
- **KP14017-x** Drive roll kit range (4R)
- **K10158-1** Readi-reel mounting stand (15 kg)
- **K14076-1** Kit polarity change PT205C
- **K14077-1** Kit polarity change PT255C/305C
- **K14049-1** Meter kit
- **K14009-1** CO<sub>2</sub> heater connection kit



### 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® 205C	K14054-1	400V/3Ph	25-200	200A/24V/35%	16	74	765 x 427 x 850	IP23 / H
	K14054-2	230/400V/3Ph		160A/22V/60%	25/16			
Powertec® 255C	K14055-1	400V/3Ph	25-250	250A/26.5V/35%	16	94	810 x 467 x 930	
	K14055-2	230/400V/3Ph		32/16				
Powertec® 305C	K14056-1 & -3	400V/3Ph	30-300	300A/29V/35%	25	95	810 x 467 x 930	
	K14056-2 & -4	230/400V/3Ph		225A/25.2V/60%	40/25			

#### INPUT



#### OUTPUT

