

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.

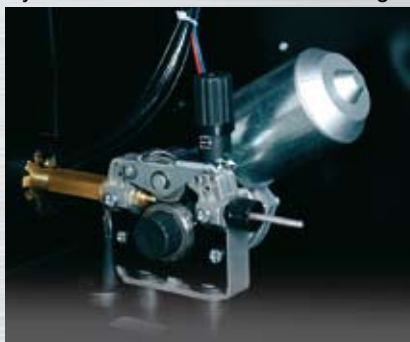
The range begins with the 205C, which is an ideal machine for welding of thin sheet metal applications. With excellent arc and starting characteristics this machine allows welding projects to be completed efficiently, quickly and professionally with minimal spatter levels.

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 1.0mm wire.

The Powertec® range comes equipped with many features as standard including; 2/4 stroke; adjustable burn-back; spot-weld; wire inch and gas test.

A quality welding performance depends on a quality wire drive system. To this end, all machines in the Powertec® range have been equipped with large Ø drive roll systems. POWERTEC® range



ADVANTAGE

✓ Advanced Arc behaviour

- Superior arc starting
- Superior arc stability
- Reduced time to stabilisation
- Minimal spatter

✓ Drive system

Excellent wire drive system with Large Ø drive rolls.

✓ Voltage selectors

Multiple steps allow for precise setting.

✓ Bright digital display

Optional digital volt and ammeter for improved control.

✓ Electronic feedback system

guarantees consistent wire feed speed.

✓ Manoeuvrable

Equipped with large diameters wheels, push/pull bar and lifting eyes for full manoeuvrability.

✓ Built the Lincoln way

Robust and reliable.

✓ Three years full parts and labour warranty

APPLICATIONS

- ✓ On site maintenance
- ✓ Service tasks
- ✓ Small construction sites
- ✓ General fabrications

LINCOLN®
ELECTRIC

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection / Insulation Class	Compliance
Powertec® 205C	K14054-1	400V/3/50-60Hz	16A	74	765 x 427 x 850	IP23 / H	EN 60974-1 / EN 50199 CE ROHS
	K14054-2	230/400V/3/50-60Hz	25/16A				
Powertec® 255C	K14055-1	400V/3/50-60Hz	16A	94	810 x 467 x 930		
	K14055-2	230/400V/3/50-60Hz	32/16A				
Powertec® 305C	K14056-1	400V/3/50-60Hz	25A	95			
	K14056-2	230/400V/3/50-60Hz	40/25A				
Powertec® 305C 4R	K14056-3	400V/3/50-60Hz	25A				
	K14056-4	230/400V/3/50-60Hz	40/25A				

WELDING OUTPUT

Product	Current Range (A)	Rated Output (40°C)
Powertec® 205C	25-200	200 A / 24 V / 35% 150 A / 21.5 V / 60%
Powertec® 255C	25-250	250 A / 26.5 V / 35% 190 A / 23.5 V / 60%
Powertec® 305C	30-300	300 A / 29 V / 35% 225 A / 25.2 V / 60%

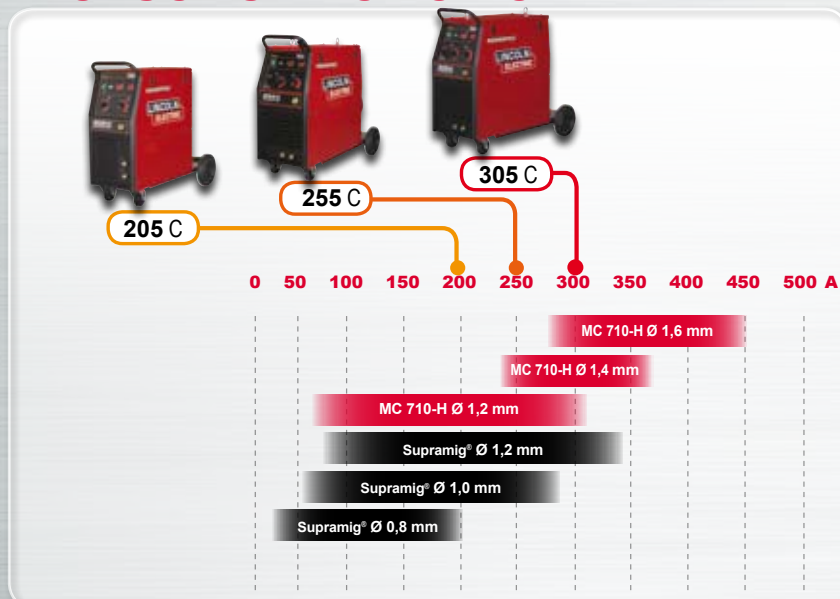
LINC GUN™

Torch	Duty cycle	Item	Length
LG 150 G	150A 60%	K10413-15	3m/4m/5m
LG 250 G	200A 60%	K10413-25	
LG 240 G	220A 60%	K10413-24	
LG 260 G	260A 60%	K10413-26	
LG 360 G	335A 60%	K10413-36	

ACCESSORIES

Item Number	Description
KP14016-0.8 / -1.0 / -1.2	Drive roll kit - solid wire - 2 rolls
KP14016-1.2A	Drive roll kit - aluminium wire - 2 rolls
KP14016-1.1R	Drive roll kit - flux-cored wire - 2 rolls
KP14017-0.8 / -1.0 / -1.2	Drive roll kit - solid wire - 4 rolls
KP14017-1.2A	Drive roll kit - aluminium wire - 4 rolls
KP14017-1.1R / 1.6R	Drive roll kit - flux-cored wire - 4 rolls
Consult us	Gas pressure regulator
K14076-1	Polarity change PT205C
K14077-1	Polarity change PT255C & 305C
K14049-1	Meter V/A kit
K14009-1	CO ₂ heater connection kit

PRODUCT SELECTION CHART



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