



## POWERFUL POTENTIAL TECHNICAL TRIUMPH

With the full range of Powertec® power sources and the LF22M & 24M (Pro) wire feeders, Lincoln is able to offer you unrivalled choice of step voltage MIG machines.

With multiple output levels available across the power source range; 2 or 4 roll feeders with or without meters and a variety of interchangeable features, the choice is huge; there are 12 different combinations which give the Powertec® range unparalleled flexibility.

Design of the LF22M, 24M and 24M Pro feeders focused on ruggedness, physical dimensions and ease of use. The result is an incredibly rugged casing with the primary

controls on the exterior, and secondary controls secure within the protective casing close to the wire drive. Undercarriage and turning support are included as standard and the machines can also be equipped with a heavy-duty undercarriage for use under tough industrial conditions.

The extensive set of features on the LF24M and the LF24M Pro includes 2/4-step, run-in, wire inch, gas purge and two clear digital volt and ammeters. The entry level LF22M with its two-roll drive system is also available as a more basic option. The Synergic control of the LF24M Pro allows the operator to simply set the welding voltage and start welding, wire feed speed adjusts automatically.



## ADVANTAGE

- ✓ **Optimum combination**  
Four different output levels and three different wire feeders ensure there is always a machine for the job.
- ✓ **Superb Arc behaviour**  
with Argon Mix and 100%CO<sub>2</sub>
- ✓ **Drive system**  
Excellent wire drive system with two or four large Ø drive rolls and 90W powerful motor
- ✓ **Voltage selectors**  
Multiple steps allow for precise adjustments.
- ✓ **Synergic control (LF24M)**  
supports the welder with optimum settings and controllability.
- ✓ **Bright digital display**  
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
- ✓ Construction sites
- ✓ General fabrications

**LINCOLN**®  
**ELECTRIC**

## TECHNICAL SPECIFICATIONS POWERTEC®

Product	Item Number	Primary Voltage	Fuse Size (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection / Insulation Class	Compliance
Powertec® 305S	K14060-1	230/400V/3/50-60Hz	40/25A	94	770 x 467 x 930	IP23 / H	EN 60974-1 EN 50199CE ROHS
Powertec® 365S*	K14061-1A	230/400V/3/50-60Hz		141			
	K14061-2A	220/380/440V/3/50-60Hz					
Powertec® 425S*	K14062-1A	230/400V/3/50-60Hz	50/32A	151	875 x 700 x 1035		
	K14062-2A	220/380/440/3/50-60Hz					
Powertec® 505S*	K14063-1A	230/400V/3/50-60Hz	80/50A	157			
	K14063-2A	220/380/440V/3/50-60Hz					

\*For water cooled version, install COOL ARC® 25 (K14037-1)

## TECHNICAL SPECIFICATIONS LINC-FEED

Product	Item Number	Drive rolls	Wire size (mm)	WFS (m/min)	Weight (kg)	Dimensions HxWxD (mm)	Burn-back	Cold feed/gas purge	Spot welding	Run in	Meters	Synergic
LF22M	K14064-1	2	0.6-1.2	1.0-20.0	15	440 x 275 x 636	✓	✓	✓		option	
LF24M	K14065-1W	4	0.6-1.6		17		✓	✓	✓	✓	✓	
LF24Mpro	K14066-1W				✓		✓	✓	✓	✓		

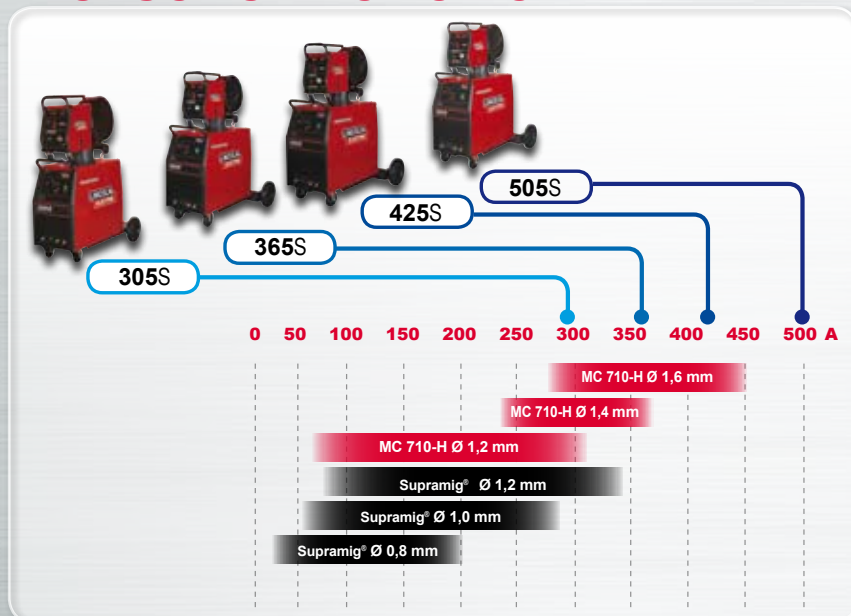
## WELDING OUTPUT

Product	Current Range (A)	Input@rated output	Rated Output (40°C)
Powertec® 305S	30-300	14.4 kVA @ 35%	300 A / 29 V / 35% 230 A / 25.2 V / 60%
Powertec® 365S	30-350	17.0 kVA @ 40%	350 A / 31.5 V / 40% 285 A / 28.2 V / 60%
Powertec® 425S	30-420	22.8 kVA @ 40%	420 A / 35 V / 40% 345 A / 31.3 V / 60%
Powertec® 505S	30-500	32.0 kVA @ 40%	500 A / 39 V / 40% 400 A / 34.5 V / 60%

## ACCESSORIES

Item Number	Description
K14037-1	COOL ARC® 25
K10420-1	Coolant Acorox (2x5 l)
K14072-2	DR system kit (grill)
Consult us	Gas pressure regulator
K14032-1	Heavy duty undercarriage
K14009-1	CO <sub>2</sub> heater connection kit

## PRODUCT SELECTION CHART



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