



POWERFULL POTENTIAL TECHNICAL TRIUMPH

With the full range of Powertec® power sources and the LF22 & 24(Pro) wire feeders, Lincoln is able to offer you a powerful choice.

The power sources with different output levels, 2 roll or 4 roll wire feeders with or without meters and a variety of feature levels are all interchangeable; Practically this allows you to select from 12 different combinations providing you unparalleled flexibility.

With the design of the LF22 & 24(Pro) feeders we focussed on ruggedness, dimensions and ease of use. The result is an incredibly rugged casing with the primary controls on the outside. The secondary controls are securely enclosed within the protective casing close to the wire drive.

The feeders come as standard with an undercarriage and turning support, they can also be equipped with a heavyduty undercarriage for use under tough industrial conditions.

The extensive set of features of the LF24Pro includes 2/4-step, run-in, wire inch and gas purge. Two clear digital meters display the welding Voltage and Amperage. You may also choose the simpler LF22, with a 2-roll drive system. The Synergic control of the LF24Pro is very convenient, simply set your welding voltage and go. The wire feed speed adjusts automatically. All Powertec's are designed with the application in mind, just select the right Powertec of your choice.



ADVANTAGE

✓ **Four different output levels and three different feeders**

to select the optimum combination for your application

✓ **Superb Arc behaviour**

with Argon Mix and 100%CO₂

✓ **Excellent drive system**

with two or four large drive rolls and powerful motor

✓ **Voltage selectors with multiple steps**

for precise adjustments

✓ **Synergic control**

on the LF24Pro to support easy setting by the welder

✓ **Bright digital**

voltage and ampere meters

✓ **Electronic feedback system**

on the wire drive will guarantee consistent wire feed speed

✓ **Equipped with large diameters wheels**

push/pull bar and lifting eyes for full manoeuverability

✓ **Completed**

with an extensive set of features

✓ **Built the Lincoln Way**

Robust and reliable

✓ **3 Years Full Parts and Labour Warranty**

LINCOLN®
ELECTRIC

TECHNICAL SPECIFICATIONS POWERTEC

Product	Item Number	Primary Voltage	Fuse Size (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Insulation Class	Compliance
Powertec® 300S	K14020-1	230/400V/3ph 50-60Hz	40/25A	96	790x460x925	IP23	F	EN 60974-1 EN 50199CE ROHS
Powertec® 360S	K14021-1A			145	870x565x1030			
	K14021-1W			170	870x700x1030			
Powertec® 420S	K14022-1A		50/32A	155	870x565x1030			
	K14022-1W			180	870x700x1030			
Powertec® 500S	K14023-1A		63/40A	165	870x565x1030			
	K14023-1W			190	870x700x1030			

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
LF22	K14024-1	2	0.6-1.2	1.0-2.0	15	440x270x636	✓	✓	✓			
LF24	K14025-1A/W	4	0.6-1.6		17		✓	✓	✓			
LF24pro	K14026-1A/W				✓		✓	✓	✓	✓		

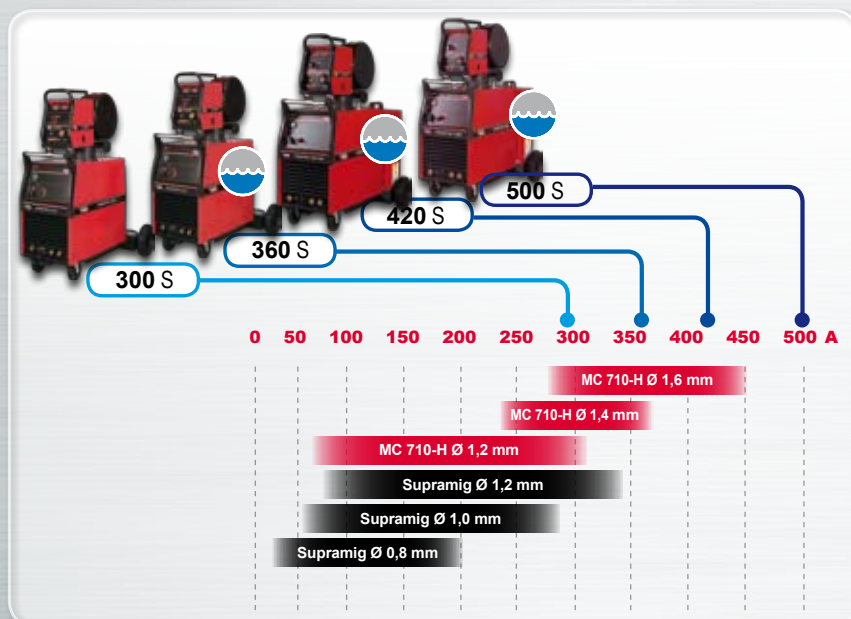
WELDING OUTPUT

Product	Current Range (A)	Input@rated output	Rated Output (40°C)
Powertec® 300S	30-300	14.4 kVA @ 35%	300 A / 29 V / 35% 225 A / 25.2 V / 60%
Powertec® 360S	30-350	16 kVA @ 40%	350 A / 31.5 V / 40% 285 A / 28.2 V / 60%
Powertec® 420S	30-420	21 kVA @ 40%	420 A / 35 V / 40% 345 A / 31.3 V / 60%
Powertec® 500S	30-500	29,9 kVA @ 40%	500 A / 39 V / 50% 400 A / 34.5 V / 60%

ACCESSORIES

Item Number	Description
K14037-1	Cool Arc® 25
K10420-1	Acorox (2x5l)
Consult us	Gas pressure regulator
K14032-1	Heavy duty undercarriage
K14009-1	CO ₂ heater connection kit

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