





SEMIAUTOMATIC WIRE FEEDERS

- Built Tough for Rough Environments
- Reliable Feeding and Durability
- Easy to Understand User Interface

505S
POWERTEC®

Semiautomatic Wire Feeders

Analog	LINC FEED-22M, -24M & -24M PRO Small, robust, flexible & complete	LINC FEED-33S, -33, -34 & -35 Small, robust, flexible & complete	DH-10 & LN-10 Single header & double header wire feeders	Digital	Power Feed 40, 42, 44, 46 Designed to work with digital power sources NEW!
					

Digital	Power Feed 84 Single & Dual Single and dual bench/boom wire feeders	Field	Linc-Feed 37 & 38 Robust for perfect welding	LN-25 Pro & Dual Pro Portable construction wire feeder	LN 23P Built for the job
					

	FEATURES					Wire Feed Speed Range (m/min)	WIRE SIZE RANGE (mm)		FEATURES		
	MIG	Flux-cored	Stick	Lift TIG	Gouging		Solid	Cored	Drive Roll	Cooling	Warranty (years)
Analog											
Linc Feed 22M	●	●				1.0-20	0.8-1.6	1.0-1.6	2	A	3
Linc Feed 24M	●	●									3
Linc Feed 24M PRO	●	●									3
Linc Feed 33S	●	●									3
Linc Feed 33	●	●			1.5-20	1.0-2.4	4	AW	3		
Linc Feed 34	●	●							3		
Linc Feed 35	●	●							3		
LN-10	●	●			1.0-20	0.6-2.4	0.8-3.2	4	AW	3	
DH-10	●	●								3	
Digital											
Power Feed™ 40	●	●	●	●	●	1.0-20	0.8-1.6	1.0-1.6	4	AW	3
Power Feed™ 42	●	●	●	●	●						3
Power Feed™ 44	●	●	●	●	●						3
Power Feed™ 46	●	●	●	●	●						3
Power Feed™ 84	●	●				2.0 - 30	0.6-1.6 (high speed)	1.0-2.0 (high speed)	4	AW	3
Power Feed™ 84 Dual	●	●					0.6-2.4 (low speed)	1.0-3.0 (low speed)			3
Field											
LN-23 P		●				0.76-6.7	-	1.7-2.0	2	A	3
LN-25 Pro	●	●				1.3-17.7	0.6-1.6	0.8-2.0	4	AW	3
Linc Feed 37	●	●				1.5-20	0.6-1.6	1.0-2.0	4	AW	3
Linc Feed 38	●	●									3

KEY: ○ Excellent ● Good ▲ Possible

LINC FEED-22M, -24M & -24M PRO

Small, robust, flexible & complete

The LF-22M, LF-24M and LF-24M Pro are portable wire feeders with stabilised wire feed speed. They include a rugged 2 or 4 roll wire feed unit, featuring cold inch, gas purge and built-in burn back facility. They can be mounted on the power source with a swivelling, wheeled carriage. Power source to wire feeder interconnecting cable assemblies are available in different lengths that allow working at distance from the power source.

Features

- Continuous control of wire feed speed.
- Trigger mode selection for standard 2-steps or interlocking 4-steps.
- Gas purge to strike the arc with full shielding.
- Burnback preventing the wire sticking in the weld pool
- Cold inch control used to feed the wire into the torch.
- Stabilised wire drive system for constant control of wire feed speed.
- Delivered mounted on an undercarriage.
- Bright digital Volt and Ammeter (optional for LF22M).
- Run in to support perfect starting (except for LF22M)
+ for the LF24M PRO
- Synergic control to support easy control by the welder
- Gas preflow improves the protection of the bead before arc ignition.
- Meets IEC974-1, ROHS and CE standards for safety and reliability.

Processes

- MIG
- Flux-Cored



Recommended Power Sources

- Powertec® 305S / 365S / 425S / 505S

Base Unit Includes

- Drive roll kit 1,0-1,2 mm
- Water connection kit (except LF22M)

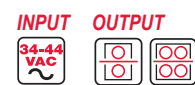
Key Options

- **K10347-PG(W)-xM** Interconnection cables
- **K10413-25-xM** MIG gun LG 250 G - 200A - 3/4/5 m
- **K10413-24-xM** MIG gun LG 240 G - 220A - 3/4/5 m
- **K10413-26-xM** MIG gun LG 260 G - 260A - 3/4/5 m
- **K10413-36-xM** MIG gun LG 360 G - 320A - 3/4/5 m
- **K10413-42-xM** MIG gun LG 420 G - 380A - 3/4/5 m
- **K10413-410-xM** MIG gun LG 415 W - 350A - 3/4/5 m
- **K10413-500-xM** MIG gun LG 505 W - 450A - 3/4/5 m
- **K115-1/2** Innershield gun 450A - 82° - 3 mm - 3/4.6 m
- **K126-1/2** Innershield gun 350A - 62° - 1.6 mm - 3/4.6 m
- **KP14016-x** Drive roll kit range (2R)
- **KP14017-x** Drive roll kit range (4R)
- **K10158-1** Readi-reel mounting stand (15 kg)
- **K14032-1** Heavy duty undercarriage
- **K14073-1** Meter kit (LF22M)



Technical Specifications

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
							Solid	Cored		
LF 22M	K14064-1	2	A	500A/60%	34-44V AC	1-20	0.8-1.6	1.0-1.6	15	440 x 275 x 636
LF 24M	K14065-1W	4	A/W						17	
LF 24M PRO	K14066-1W								17	



LINC FEED-33S, -33, -34 & -35

Small, robust, flexible & complete

The LF33S, 33, 34 and 35 are wire feeders designed to withstand extreme environmental conditions. With these feeders, there is a focus on ruggedness construction, physical dimensions and ease of use. The result is an incredibly rugged, protective casing as standard complete with undercarriage for use under tough industrial conditions. The feeders are able to accept not only D300 (15 kg), but also small D200 (5 kg) wire spools, using solid or cored wire including Innershield. The entry level LF33 is equipped with 2/4-step, run-in, wire inch and gas purge. Two clear digital meters display the welding voltage and amperage. The LF34 & LF35 are the more advanced models. Both feeders have unique digital displays showing the pre-settable and actual welding parameters.

Features

- Small, rugged and easy to handle feeder with bright digital voltage and ammeter.
- All drives are equipped with an excellent wire drive system with four large drive rolls and powerful motor.
- Electronic feedback system on the wire drive will guarantee consistent wire feed speed.
- Ergonomic design; user friendly controls with digital displays showing text in the language of your choice (LF34&35).
- Optional remote controlled job selection(10) on the LF35.



Processes

- MIG
- Flux-Cored

Recommended Power Sources

- STT® II
- CV-425
- CV-510
- DC-400
- Invertec® V350 PRO
- Flextec® 450/650 (with limited output)
- Ranger® 305D
- Vantage® 400/500

Base Unit Includes

- Drive roll kit 1,0-1,2 mm,
- Water connection kit (LF 33)

Key Options

- **K10347-PG(W)-xM** Interconnection cables
- **K10370-PG-xM** Interconnection cables
- **K10413-25-xM** MIG gun LG 250 G - 200A - 3/4/5 m
- **K10413-24-xM** MIG gun LG 240 G - 220A - 3/4/5 m
- **K10413-26-xM** MIG gun LG 260 G - 260A - 3/4/5 m
- **K10413-36-xM** MIG gun LG 360 G - 320A - 3/4/5 m
- **K10413-42-xM** MIG gun LG 420 G - 380A - 3/4/5 m
- **K10413-410-xM** MIG gun LG 415 W - 350A - 3/4/5 m
- **K10413-500-xM** MIG gun LG 505 W - 450A - 3/4/5 m
- **K115-1/2** Innershield gun 450A - 82° - 3 mm - 3/4.6 m
- **K126-1/2** Innershield gun 350A - 62° - 1.6 mm - 3/4.6 m
- **KP14017-x** Drive roll kit range (4R)
- **K10353-1** Remote control (LF34, 35)
- **K14034-1** Remote control (LF33)
- **K10158-1** Readi-reel mounting stand (15 kg)
- **K14032-1** Heavy duty undercarriage



INPUT OUTPUT



Technical Specifications of Wire Feeders

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
							Solid	Cored		
LF 33S	K14051-1	4	A/W	500A/60%	34-44V AC	1-20	0.8-1.6	1.0 - 2.4	12	350 x 195 x 530
LF 33	K14030-1W					1.5-20			17	460 x 270 x 636
LF 34	K14035-1W					17	460 x 300 x 636			
LF 35	K14036-1W					17	460 x 300 x 636			

LN-10 & DH-10

Single header & double header wire feeders

The LN-10 Semiautomatic wire feeder features the revolutionary split wire guide which precisely aligns and supports the wire through the entire feeding system. The system also features a rugged four driven roll design for positive wire feeding. The LN-10's modular design enables several mounting options, including boom mounting. This DH-10 dual wire feeder utilises Lincoln's® revolutionary split wire guide system to precisely align and the feed wire and its dual wire feeder system allows you to weld with two different wires, with two different welding procedures using one power source.

Features

- Standard dual procedure allows operator to set different voltage and wire feed speeds and switch between the two.
- Selectable trigger control for standard 2-step, interlocking 4-step.
- Digital display as standard.
- Preflow/Postflow/Burnback and Spot Timer as standard.

DH-10

- Each side of the DH-10 wire drive system is driven by its own motor and gear box for improved reliability.
- Split wire guide and four driven rolls for positive wire feeding.
- Presettable voltage and wire feed speed for extra control.
- Meets IEC974-1, ROHS and CE standards for safety and reliability.



Processes

- MIG
- MIG Pulse
- MIG-STT
- Flux-Cored

Recommended Power Sources

- STT® II
- CV-425
- CV-510
- DC-400
- Flextec® 450/650
- DC-1000

Key Options

- K10376 Adapter M14/Dinse(F)
- K10413-42-xM MIG gun LG 420 G - 380A - 3/4/5 m
- K10413-410-xM MIG gun LG 415 W - 350A - 3/4/5 m
- K10413-500-xM MIG gun LG 505 W - 450A - 3/4/5 m
- KP1505-x Drive roll kit range (4R)
- KP1507-x Drive roll kit range (4R)
- K115-1/2 Innershield gun 450A - 82° - 3 mm - 3/4.6 m
- K126-1/2 Innershield gun 350A - 62° - 1.6 mm - 3/4.6 m
- K489-9 Euroconnector / Innershield torch adaptor
- K590-6 Water connection kit
- K1634-1 Plastic Wire Cover
- K1733-1 Wire straightener
- K10158-1 Readi-reel mounting stand (15 kg)
- K1555-1 Insulated lift bail
- K1556-1 Light duty caster kit
- K1557-1 Swivel platform
- K1501-10 Control cable
- K1797-x Extension for control cable
- K683-3 Dual Procedure Switch

INPUT OUTPUT



Technical Specifications of Wire Feeders

Product	Item Number	Drive Roll	Cooling	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
						Solid	Cored		
LN 10	K1559-5	4	A/W	42V AC	1-20	0.6-2.4	0.8-3.2	32	520 x 367 x 771
DH 10	K1499-5								

Power Feed® 40, 42, 44, 46

Zkonstruováno pro práci s digitálními zdroji proudu

Řada podavačů drátu Power Feed je navržena tak, aby kombinovala jednoduchou obsluhu a manipulaci svařečem s perfektním podáváním drátu. V závislosti na Vaší aplikaci, podavače PF jsou dodávány obvykle se standardním podvozkiem, ale jsou též dostupné tak, aby bylo možné je pověsit na rameno nebo je umístit na speciálně odolný podvozek pro použití v náročných průmyslových podmínkách.

Základní model PF-40 podporuje pouze mód CV MIG (číslo 5), ale ostatní modely (PF42/44/46) podporují všechny módy instalované na více-metodových nebo pokročilých digitálních (ArcLink®) Lincoln zdrojích proudu. Podavače se liší uživatelským rozhraním (UR) a naistalovanými funkcemi. Základní UR "U0" poskytuje pouze řízení napětí a rychlosti podávání drátu (RPD), zatímco pokročilejší "U2" je vybaveno digitálními měřiči s jasným zobrazením, funkcí Trim, volbou módu a hlavními startovacími/ukončovacími funkcemi. Skupina UR "U4" a "U6" používá barevný TFT displej s intuitivním "jazykem" ikon a paletu speciálních funkcí. Nejlepší podavač PF46 s UR "U6" kombinuje všechny funkce s USB připojením, duálním postupem, pamětí, omezeními a také s osvětlením uvnitř podavače, což zjednodušuje instalaci drátu v temnějších průmyslových podmínkách. Všechny podavače řady Power Feed 4x mohou být volitelně vybaveny s průtokoměrem plynu, odolným podvozkiem nebo zvedacím okem.

Vlastnosti

- Malé, odolné, snadno ovladatelné podavače; s jasnými digitálními měřiči (kromě PF40).
- Používá ArcLink® - přední komunikační protokol pro svařování, což tyto podavače činí nejlepší volbou pro hladké, časově kritické integrace se zdroji proudu.
- Čtyřkladkový hnací systém s výkonným motorem.
- Panely snadno srozumitelných uživatelských rozhraní umožňují snadné nastavení parametrů svařování.
- Dálkové ovládání na hořáku (u PF46 a volitelně u PF44).
- Možnost funkce push-pull pro vynikající svařování hliníku (u PF46 a volitelně u PF44).
- Standardně vybaveno kolečky.

Metody

- MIG/MAG
- FCW ("Trubička")
- Obalená elektroda
- TIG
- Drážkování



Doporučené zdroje proudu

- Power Wave® S350, S500, S700
- Speedtec® 405S, 405SP, 505S, 505SP

Základní jednotka obsahuje

- Kladky pro ocel 1.0–1.2 mm
- Uživatelské rozhraní

Hlavní volby

- K14121-1 Uživatelské rozhraní „U2“
- K14122-1 Uživatelské rozhraní „U4“
- K14123-1 Uživatelské rozhraní „U6“
- K14124-1 Ovládání Pendant (12-pinů)
- K14127-1 Vozík PF HD
- K14128-1 Sada zvedacího oka
- K14125-1 Sada 12-pin zásuvka (F)
- K14120-1 Sada 6-pin zásuvka (F)
- K2909-1 Adaptér 6-pin(F) na 12-pin(M) pro dálkové ovládání – 0.5 m
- K14111-1 Sada průtokoměr plynu
- K14126-1 Dálkové ovládání RC-42
- K10095-1-15M Dálkové ovládání – 15 m
- K14091-1 Dálkové ovládání MIG 7 m
- K870 Nožní ovládání
- KP10519-8 Adaptér TIG EURO
- K14131-1 ArcLink-T Flex
- K14132-1 Adaptér 5-pin(M)/12-pin(F)
- KP14017-x Sada kladek, řada (4R)



VSTUP



VÝSTUP



Technické údaje standardních podavačů drátu

Název výrobku	Číslo výrobku	Kladky	Chlazení	Výstupní proud při dov. zat.	Příkon	Rozsah rychlosti podávání drátu (m/min)	Rozsah průměru drátu (mm)		Hmotnost (kg)	Rozměry VxSxD (mm)
							Plný	Trubičkový		
PF-40	K14106-1	4	vzduch/ voda	40V stejnosm.	500A při 60%	1.0–22	0.8–1.6	1.0–1.6	17	460x300x640
PF-42	K14107-1								18	
PF-44	K14108-1								18.5	
PF-46	K14109-1								18.5	

Funkce & vlastnosti

Power Feed	Uživatelské rozhraní	Grafický displej	Standardní řízení	Měřiče digitální	Kráter	Hot/Soft start	Před-nastavení	Synergia	Paměť/omezení	Funkce zamknutí
PF-40	U0	–	√	–	–	–	–	–	–	–
PF-42	U2	– (LEDky)	√	√	√	–	√	√	–	–
PF-44	U4	TFT	√	√	√	√	√	√	–	√
PF-46	U6	TFT	√	√	√	√	√	√	√	√



NEW!

Digital

Power Feed™ 84 Single & Dual

Single and dual bench/boom wire feeders

The Power Feed™ 84 wire feeder is revolutionary in its ease of use and flexibility. Designed to maximize the capabilities of the Power Wave® S range, the combination of high-tech power source and wire feeder, outperform traditional arc welding methods. The Power Feed™ 84's design allows the control box to be placed anywhere – near the work piece or on top of the power source. The Power Feed™ 84 Dual is designed for shops that require welding flexibility and superior welding performance in one complete wire feeder package. Dual feeder allows two different types of wire on the feeder, allowing you to weld stainless or aluminium from one power source. Combine this wire feeder flexibility with one of Lincoln's new Power Wave® power sources and gain the capability to MIG weld, STT weld or Pulse weld with ease.



Features

- World-class arc performance on steel, stainless steel, aluminium and other materials.
- Waveform Control Technology® featuring patented processes such as Pulse-On-Pulse® (for a TIG-like bead appearance) and Power Mode® (for a stable arc at low current levels).
- Utilises ArcLink® – the leading digital communication protocol for welding, making it the best choice for seamless, time critical integration with the power source.
- Pulsed MIG process – great for low spatter, low heat input and out-of-position applications – makes virtually any operator a better welder!
- Easy-to-understand user interface panel with large

numeric displays make it easy to set weld parameters.

- Features push-pull capability for great performance on aluminium.
- Meets IEC974-1, ROHS and CE standards for safety and reliability.

Processes

- MIG
- Flux-Cored



Recommended Power Sources

- All CV sources and Engine driven welders
- Power Wave® S350, S500, S700
- Speedtec® 405S, 405SP, 505S, 505SP

Basic Unit Includes

- Standard wire reel stand
- User Interface with buttons

Key Options

- K3336-7 Control box

INPUT OUTPUT



Technical Specifications of Wire Feeders

Product	Item Number	Drive Roll	Cooling	Output power	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
							Solid	Cored		
PF84 Single Bench Model	K3328-7	4	A/W	600A@60%	40V DC	2-30	0.6-1.6 (high speed)	1.0-2.0 (high speed)	20	337 x 393 x 600
PF84 Dual Bench Model	K3330-7						0.6-2.4 (low speed)	1.0-3.0 (low speed)		



STT™

EXPLAINED

Linc-Feed 37 & 38

Robust for perfect welding

The LF37 and LF38 are portable wire feeders designed to withstand the extreme environmental conditions of shipyards and construction sites. These feeders are able to accept not only D300 (15 kg), but also small D200 (5 kg) wire spools with solid or cored wire including Innershield. To support long cable packages, these feeders are equipped with a gas flow meter internally. They have the ultimate user-friendly controls. All machine settings like 2/4 Stroke, Burn Back, Hot / Soft Start and Crater Fill can be viewed by using one single select push button. The display will show the function and setting in the language of your choice. In addition, the LF38 comes complete with a set of synergic programs and memory.

Features

- Excellent feeding; four roll drive as standard.
- Portable and extremely sturdy.
- Flow meter inside.
- Trouble-free feeding.
- Multi-language.
- Large, bright volt and ammeter allows pre-setting of the welding parameters before welding and read-out during welding.
- Fully featured; 2/4 steps, crater fill and Soft / Hot Start.
- Ten memories to save welding parameters (LF38).
- Equipped with water connections.
- Meets IEC974-1, ROHS and CE standards for safety and reliability.



Processes

- MIG
- Flux-Cored



Base Unit Includes

- Drive roll kit 1,0-1,2mm,
- Water connection kit

Recommended Power Sources

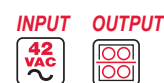
- STT® II
- CV-425
- CV-510
- DC-400
- Invertec® V350 PRO
- Flextec® 450/650 (with limited output)
- Ranger® 30D
- Vantage® 400/500

Key Options

- **K10347-PG(W)-xM** Interconnection cables
- **K10370-PG-xM** Interconnection cables
- **K10413-25-xM** MIG gun LG 250 G - 200A - 3/4/5 m
- **K10413-24-xM** MIG gun LG 240 G - 220A - 3/4/5 m
- **K10413-26-xM** MIG gun LG 260 G - 260A - 3/4/5 m
- **K10413-36-xM** MIG gun LG 360 G - 320A - 3/4/5 m
- **K10413-42-xM** MIG gun LG 420 G - 380A - 3/4/5 m
- **K10413-410-xM** MIG gun LG 415 W - 350A - 3/4/5 m
- **K10413-500-xM** MIG gun LG 505 W - 450A - 3/4/5 m
- **K115-1/2** Innershield gun 450A - 82° - 3 mm - 3/4.6 m
- **K126-1/2** Innershield gun 350A - 62° - 1.6 mm - 3/4.6 m
- **KP14017-x** Drive roll kit range (4R)
- **K10158-1** Readi-reel mounting stand (15 kg)

Technical Specifications of Wire Feeders

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
							Solid	Cored		
LF 37	K10406	4	A/W	400A/60%	42V AC	1.5-20	0.6 – 1.6	1.0 – 2.0	16	356 x 188 x 534
LF 38	K10407									



LN-25 Pro & Pro Dual

Portable construction wire feeder

Built upon the tradition and success of the LN™-25, the new LN™-25 PRO is designed to be simple, reliable and easy to service. The LN™-25 PRO is ideal for field construction and fabrication, shipyards and rental companies. The MAXTRAC® wire drive enhances performance while the replacement case (and many other upgrade options) can be installed in less than five minutes.

The LN™-25 PRO is available in 2 models: Standard & Dual Pro.

- The Standard model can be powered across the Arc the feeder utilises the Arc voltage to drive the feeder.
- The Dual Pro model features a voltage control knob for superior arc control, digital meters for increased monitoring, MIG-STT® capability and can be powered with either a control cable or across the arc.

Features

- Performance – all models: 2-Step/trigger interlock provides comfort for long welds sturdier and rugged spindle design with an incorporated brake.
- Performance – standard: analog voltmeter with polarity indicator LED automatically adjusts to welding polarity.
- Performance – dual power model: digital meters for accurate monitoring, display shows wire feed speed or amperage and welding voltage.
- Reliability: lightweight, impact and flame resistant polycarbonate case design keeps the internal components protected. Potted and trayed PC board protects against moisture and corrosion. Reel locking mechanism eliminates spindle cross threading.
- Serviceability: case can be replaced in less than 5 minutes - eliminates downtime.
- Meets IEC974-1, ROHS and CE standards for safety and reliability.



Processes

- MIG
- Innershield

Recommended Power Sources

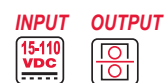
- All CV sources and Engine driven welders

Key Options

- **K1795-10** Control cable
- **K10194-xM** Weld power cables (LN25 Pro)
- **K1841-x** Weld power cables (LN25 Pro Dual)
- **K115-1/2** Innershield gun 450A - 82° - 3mm - 3/4.6m
- **K126-1/2** Innershield gun 350A - 62° - 1.6mm - 3/4.6m
- **KP1696-045S** Drive roll kit solid wire 1.2mm
- **KP1696-x** Drive roll kit range
- **KP1697-x** Drive roll kit range
- **K489-9** Euroconnector / Innershield torch adaptor
- **K2596-2** Replacement case
- **K2330-2** Preflow, Postflow and Burnback timer kit
- **K435** Spindle adapter for 6.3 kg coils
- **K14095-1** Adapter 8/14-pin

Technical Specifications of Wire Feeders

Product	Item Number	Drive Roll	Cooling	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
						Solid	Cored		
LN 25 Pro	K2613-5	2	A	15-110V DC	1.3 -17.7	0.6-1.6	0.8-2.0	16	381 x 221 x 599
LN 25 Pro Dual	K2614-8			15-110V DC or 24-42V AC					



LN 23P

Built for the job

The LN 23P semiautomatic wire feeder is able to handle the toughest work sites and is an excellent choice for pipe welding applications. It is portable, easy to setup and ideal for reaching difficult locations.

Features

- Weighs less than 23 kg including optional Magnum® Innershield® gun and 14 lb (6.3 kg) coil of electrode.
- Continuous wire feed speed control, voltage control and analog voltmeter are standard.
- Completely enclosed wire reel keeps the wire free of contaminants.
- Equipped with trigger interlock circuit to reduce operator fatigue.
- Gun-mounted two-position switch allows on-the-fly change to 83% of the preset wire feed speed.
- Electrode and control cable quickly connect to power source.
- One or two LN 23P wire feeders can be directly connected to recommended Lincoln power sources, but only one can be used at a time.



Processes

- Innershield

Base Unit Includes

- Drive roll kit 1,0-1,2 mm,
- Water connection kit

Recommended Power Sources

- DC 400
- V350 PRO

Key Options

- K10093-xM Interconnection cables
- K345-10 Innershield gun 350A - 62° - 1,6 to 2 mm - 3 m
- K350-2 Adapter kit



INPUT



OUTPUT



Technical Specifications of Wire Feeders

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)		Weight (kg)	Dimensions HxWxD (mm)
							Cored			
LN 23P	K316L-6	2	A/W	350A/60%	14-50V DC	0.76 – 6.7	1.7-2.0		12.3	521 x 229 x 483



VIKING WELDING HELMETS

Built for demanding specifications. Lightweight, solar-powered Viking helmets come in many designs.

To choose one for yourself, see helmets section of this catalogue or visit our website: www.lincolnelectric.eu

VIKING WELDING HELMETS

DUAL PROCEDURE KITS AND REMOTE PENDANTS

Dual Procedure Switch

Allows the use of two welding procedures with one Lincoln gun (4.5 m).

Item n°:
K683-3 for LN-10, DH-10



Foot Amprol™ Connector Kit

Provides 7.6 m of remote output control for TIG welding.

(6-pin plug connection).
Item n°:
K2320-1



GAS SOLENOID AND BURNBACK KITS

Preflow, Postflow and Burnback Timer Kit

Provides adjustable delay of power source output shut off to prevent electrode sticking in crater when using high wire feed speeds.

Item n°:
K2330-2 for LN-25 PRO, LN-25 PRO Dual Power



WATER CONNECTION KITS

Water Connection Kit

Includes quick connect fittings on front and back of wire drive for use with water-cooled guns and coolers. Kit provides for one gun.

Item n°:
K590-6



STANDS AND UNDERCARRIAGES



Heavy Duty Wire Reel Stand

For use with Lincoln 4.5-27.2 kg wire packages that use a 51 mm spindle. Hole in stand fits over lift bail.

Item n°:
K1524-3



Swivel Platform

Mounts to the lift bail on the power source and bottom of the Heavy Duty Wire Reel Stand. Wire feeder may be lifted off if needed. Compatible with Light Duty Caster Kit. Includes "lazy susan" parts tray.

Item n°:
K1557-1



Caster Kit – Light Duty

Mounts to the Heavy Duty Wire Reel Stand. Allows easy movement of wire feeder.

Item n°:
K1556-1



Insulated Lift Bail

Allows the entire wire feeder to be hung from a crane or hook. Use with Heavy Duty Wire Reel Stand.

Item n°:
K1555-1



CONTROL CABLES AND ADAPTERS

Description	Connection	Order No.	
Wire Feeder Control Cables			
Wire Feeder Control Cable	Male 14-pin to Female 9-pin	K1501-10 (for LN-10, DH-10)	
Wire Feeder Control Cable	Male 14-pin to Female 8-pin	K10093-15M (for LN-23P)	
Wire Feeder Control Cable	Fast-mate (x2), gas hose, protection	K10347-xM (for LF)	
Wire Feeder Control Cable	Fast-mate (x2), gas hose, protection	K10370-xM (for LF)	
Extensions and Adapters			
Wire Feeder Control Cable Extension (May require K1501-10, depending on the feeder)	Male 14-pin to Female 14-pin	K1797-10 (3 m) K1797-50 (15.2 m) K1797-100 (30.4 m)	
Adapter Cable for Control Cable to Terminal Strip of Power Source	Female 14-pin control cable to terminal strip	K1798	
ArcLink®/Linc-Net™ Control Cables			
ArcLink®/Linc-Net™ Control Cables	For Power Wave®/Power Feed® Systems	K1543-8 (2.5 m) K1543-25 (7.6 m) K1543-50 (15.2 m) K1543-100 (30.4 m)	
Heavy Duty ArcLink®/Linc-Net™ Control Cables	For Power Wave®/Power Feed® Systems	K2683-25 (7.6 m) K2683-50 (15.2 m) K2683-100 (30.4 m)	
14-pin Cables			
Submerged Arc Equipment	For synchronizing Power Wave® AC/DC 1000® SD and connecting MAXsa™ Heads.	K1785-4 (1.2 m) K1785-8 (2.4 m) K1785-16 (4.9 m) K1785-25 (7.6 m) K1785-50 (15.2 m) K1785-100 (30.4 m)	

WELD CABLES

Coaxial Weld Power Cables

Recommended for STT™ and pulse welding when using long distances between feeder and power source.

- Item n°:
K1796-25 7.6 m, 350 amps
- Item n°:
K1796-50 15.2 m, 350 amps
- Item n°:
K1796-75 22.8 m, 325 amps
- Item n°:
K1796-100 30.4 m, 300 amps

ADAPTERS AND PACKAGES

Twist Mate™ to Lug Adapter

For connection of lugged cable to Twist Mate™ connectors, 457 mm long.

Item n°:
K2176-1



Twist Mate™ Cable Plug

For connecting welding cable to output terminal receptacles.

Item n°:
K852-70 for 50-70 mm² cable
Item n°:
K852-95 for 95 mm² cable.



WELD POWER CABLES

Connection	Description	Order No.
Twist-Mate™ to Lug	1/0, 350A, 60% duty cycle, 3.0 m	K1840-10
Lug to Lug	3/0, 600A, 60% duty cycle, 3.0 m	K1842-10
	3/0, 600A, 60% duty cycle, 10.6 m	K1842-35
	3/0, 600A, 60% duty cycle, 18.2 m	K1842-60
	4/0, 600A, 60% duty cycle, 33.5 m	K1842-110
Twist-Mate™ to Twist-Mate™	1/0, 350A, 60% duty cycle, 7.6 m	K1841-25
	2/0, 350A, 60% duty cycle, 15.2 m	K1841-50

WIRE ADAPTERS, COVERS AND STRAIGHTENERS

200 mm O.D. Spool Adapter

Permits 200 mm O.D. spools to be mounted on 51 mm O.D. spindles.

Item n°:
K468



6 kg Innershield® Coil Adapter

Permits 6 kg Innershield® electrode coils to be mounted on 51 mm O.D. spindles.

Item n°:
K435



10-14 kg Readi-Reel® Adapter

Adapts 10-14 kg Lincoln Electric Readi-Reels® of electrode to 51 mm spindle.

Item n°:
K363P



15 kg Stein basket adaptor
Item n°:
K10158-1

22.6-27.2 kg Coil Adapter

Adapts 22.6-27.2 kg coils of Lincoln Electric electrode to 51 mm spindle.

Item n°:
K1504-1



Plastic Wire Cover Kit

Plastic enclosure for 13.6-19.9 kg wire packages.

Item n°:
K1634-1



Plastic Wire Cover Kit

Plastic enclosure for up to 27.2 kg wire packages.

Item n°:
K1634-2

Wire Straightener

Straightens wire for better, smoother feeding.

Item n°:
K1733-1



Spindle Adapter for Readi-Reels® and Spools

51 mm O.D. spindle for mounting Readi-Reels® and 51 mm I.D. spools up to 27.2 kg capacity to custom installations.

Item n°:
K162-1



Polycarbonate Portable Feeder Case

Replace a damaged case without replacing the entire unit.

Item n°:
K2596-2



MIG GUNS

LINC GUN™ range

As standard these guns come with an ergonomic grip, springs on both sides of the cable, retractable pins and a "rotating ball joint" at the end of the gun grip.

Air cooled

- LG 150G, 150A @ 60% **K10413-15-xM** 3 m, 4 m or 5 m
- LG 250G, 200A @ 60% **K10413-25-xM** 3 m, 4 m or 5 m
- LG 240G, 220A @ 60% **K10413-24-xM** 3 m, 4 m or 5 m
- LG 260G, 260A @ 60% **K10413-26-xM** 3 m, 4 m or 5 m
- LG 360G, 320A @ 60% **K10413-36-xM** 3 m, 4 m or 5 m
- LG 420G, 380A @ 60% **K10413-42-xM** 3 m, 4 m or 5 m
- LG 360G, 320A @ 60%
(with cross switch) **K10413-360GC-4M** 4 m
- LG 420G, 380A @ 60%
(with cross switch) **K10413-420GC-xM** 3 m, 4 m or 6 m

WATER cooled

- LG410W, 350A @ 100% **K10413-410-xM** 3 m, 4 m or 5 m
- LG505W, 500A @ 100% **K10413-500-xM** 3 m, 4 m or 5 m
- LG505W, 500A @ 100%
(with cross switch) **K10413-505WC-4M** 4 m

Innershield guns

Lincoln has been manufacturing semiautomatic flux-cored, self-shielded (FCAW-S) gun and cable assemblies for over 40 years. Magnum self-shielded guns are rugged and reliable, yet lightweight, flexible and maneuverable.

- 450A, 82°, 3 mm, 4,6 m
Item n°:
K115-2
- 350A, 62°, 1,6 mm, 3 m
Item n°:
K126-1
- 350A, 62°, 1,6 mm, 4,6 m
Item n°:
K126-2





2-Roll Wire Drive Systems

DRIVE ROLL AND GUIDE TUBE KITS

POWER WAVE® C300, LN-25 PRO, LN-25 PRO Dual Power

Description	Product Number
Solid Wire (includes stainless steel)	
0.6-0.8 mm	KP1696-030S
0.9 mm	KP1696-035S
0.9, 1.2 mm	KP1696-1
1.0 mm	KP1696-2
1.2 mm	KP1696-045S
1.4 mm	KP1696-052S
1.6 mm	KP1696-052S

Cored Wire

0.9-1.1 mm	KP1697-035C
1.0-1.2 mm	KP1697-045C
1.2 mm	KP1697-052C
1.4 mm	KP1697-052C
1.7-1.8 mm	KP1697-052C
2.0 mm	KP1697-5/64
2.4 mm	KP1697-3/32

Aluminium Wire

0.9 mm	KP1695-035A
1.0 mm	KP1695-040A
1.2 mm	KP1695-3/64A
1.6 mm	KP1695-1/16A

POWERTEC® 161C, 191C, 231C, 271C, 205C, 255C, 305C, LF-22M

Description	Product Number
Solid Wire (includes stainless steel)	
0.6-0.8 mm	KP14016-0.8
0.8-1.0 mm	KP14016-1.0
1.0-1.2 mm	KP14016-1.2

Cored Wire

0.9-1.1 mm	KP14016-1.1R
1.2-1.6 mm	KP14016-1.6R

Aluminium Wire

1.0-1.2 mm	KP14017-1.2A
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4-Roll Wire Drive Systems

POWERTEC® 305C Pro, 355C Pro, 425C Pro, Power Feed® 40, Power Feed® 42, Power Feed® 44, Power Feed® 46, LF-24M, LF-24MPro, LF-33S, LF-33, LF-34, LF-35, LF-37, LF-38

Description	Product Number
Solid Wire (includes stainless steel)	
0.6-0.8 mm	KP14017-0.8
0.8-1.0 mm	KP14017-1.0
1.0-1.2 mm	KP14017-1.2
1.2-1.6 mm	KP14017-1.6

Cored Wire

0.9-1.1 mm	KP14017-1.1R
1.2-1.6 mm	KP14017-1.6R
1.6-2.4 mm	KP14017-2.4R

Aluminium Wire

1.0-1.2 mm	KP14017-1.2A
1.2-1.6 mm	KP14017-1.6A

LN-10, DH-10

Description	Product Number
Solid Wire (includes stainless steel)	
0.6-0.8 mm	KP1505-030S
0.9 mm	KP1505-035S
1.0, 1.2 mm	KP1505-045S
1.4 mm	KP1505-052S
1.6 mm	KP1505-1/16S

Cored Steel Wire, Knurled V Groove

0.8-0.9 mm	KP1505-035C
1.0-1.2 mm	KP1505-045C
1.4 mm	KP1505-052C
1.6 mm	KP1505-1/16C
2.8 mm Hardfacing	KP1505-7/64H

Cored or Solid Steel Wire, Knurled V Groove

1.7-1.8 mm	KP1505-068
2.0 mm	KP1505-5/64
2.4 mm	KP1505-3/32
2.8 mm	KP1505-7/64
3.2 mm	KP1505-120

Aluminium Wire, Smooth U Groove

0.9 mm	KP1507-035A
1.0 mm	KP1507-040A
1.2 mm	KP1507-3/64A
1.6 mm	KP1507-1/16A
2.4 mm	KP1507-3/32A



2-Roll Wire Drive Systems

DRIVE ROLL AND WIRE GUIDE KITS

LN-23P

Description	Product Number
Solid Wire	
0.6-0.9 mm	KP653-025S
0.8 mm	KP653-030S
0.9-1.0 mm	KP653-035S
1.2-1.4 mm	KP653-052S

Cored Wire

0.9 mm	KP653-035C
1.2-1.4 mm	KP653-052C

Cored or Solid Wire

1.6 mm	KP653-1/16
1.7-2.4 mm	KP653-3/32
2.4 mm	KP1505-3/32
1.0-1.2 mm	KP14017-1.2A

Hardfacing

2.8 mm	KP653-7/64H
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2-Roll Wire Drive Systems

NA-3S, NA-4, NA-5

Description	Product Number
Solid Wire	
2.4-5.6 mm	KP1899-1
1.6, 2.0, 2.4 mm	KP1899-2
0.9, 1.2, 1.4 mm.	KP1899-3

Cored Wire

1.0-1.4 mm	KP1899-4
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Knurled Drive Roll

2.4-5.6 mm	KP1885-1
1.6-2.4 mm	KP1886-1

Outgoing Guide

2.4-5.6 mm	KP1963-1
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Incoming Guide

2.4-5.6 mm	KP2116-2
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