



PACKAGED PORTABILITY ERGONOMIC EXCELLENCE

The POWER WAVE 405M is part of the new Lincoln concept for wire feeder and power source Pulse welding packages. These new products were developed with the welder in mind, as all the welding controls are located at the wire feeder, hence making it easy to adjust welding parameters. The power source itself can be on a distance and will carry basic controls only.

The POWER WAVE 405MM has a rugged design for industrial use. The output of 400 Amperes supports almost all manual pulse and CV welding applications with solid wires. The unit can be used for both air-cooled and water-cooled applications. The package solution of the POWER WAVE 405M is completed with undercarriage and Magnum 10 water-cooler. The POWER WAVE 405M can be used with the following digital wire feeders; the Linc Feed 40, Power Feed 10M and 10M DUAL.

The LINC FEED wire feeder family is designed to combine easy handling and control by the welder with perfect wire feeding. All LINC FEED feeders



are equipped with the same rugged four-roll drive system. This drive is easy to access and protected by the unique flip-top cover. The wire guidance from the coil to gun tip is smooth and accurate. It is designed to eliminate tangles and guarantee trouble free feeding.

LINC FEED feeders can be adjusted to your work environment. The feeder can be used static, or portable. Mounting is possible on a rugged undercarriage equipped with big wheels to support easy movement on any factory floor or mounted on a boom. The LINC FEED 40 fits in the LINC FEED concept.

ADVANTAGES

- ✓ The POWER WAVE 405M with LF40 has superb arc welding characteristics in Pulse, Pulse-on-Pulse™, CV, Stick or TIG DC to support most welding applications.
- ✓ Pulse-on-Pulse™ supports the welding of aluminum thin plates and high arc stability at low amperes.
- ✓ Full featured: Equipped with the LINC FEED 40 wire feeder; Hot/Soft start, Synergic control, Craterfill and Memory are supported.
- ✓ Small and powerful; the power source is Inverter based, has small dimensions, is lightweight and has a high output.
- ✓ Fan as needed™ to reduce noise and power consumption.
- ✓ Excellent feeding; four roll drive as standard supporting smooth wire feeding from the spool to the contact tip.
- ✓ Unique "fliptop" design prevents and protects the wire drive mechanism from interference.
- ✓ Ergonomic design; The basic controls are easy accessible on the front. The program selection and features are in the inside of the fliptop.
- ✓ Flexibility; can be supported on a boom, mounted on an undercarriage or on top of the power source.
- ✓ Water flow sensing on the water-cooled versions.
- ✓ Designed the Lincoln way; rugged and reliable.

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Technical Details

The feeder does have the primary controls; Wire Feed Speed, Trim and a digital display showing the presentable and actual welding parameters immediately accessible for the welder. The advance controls like program selection and memory are located on a secondary level inside the Fliptop.

It is well featured; on top of basic controls like 2/4 stroke presetting Wire Inch and burnback are Hot/Soft Start, Craterfill and Memory available. The LINC FEED 40 is built to work with Lincoln POWER WAVEs. Combined with one of these POWER WAVEs the package is offering excellent welding capabilities. Pulse Welding, Double Pulse for Aluminum applications, Conventional CV, Stick welding and even (lift) TIG are supported. The LINC FEED 40 is designed to work with Lincoln's Digital power sources such as POWER WAVE 455M, 455MSTT, 405M.



TECHNICAL SPECIFICATIONS PW 405M

Product Name	Item Number	Standard Voltage	Auxiliary Power	Weight	Dimensions H x W x L	Insulation Class	Compliance
PW405M	K2369-1	230/380/415/440	230V	39KG	700x700x1000	IP23S	EN 60974-1/EN50159 CE
PW405M - air	K10372-2-A			53KG			
PW405M - water	K10372-2-W			70KG			

WELDING OUTPUT

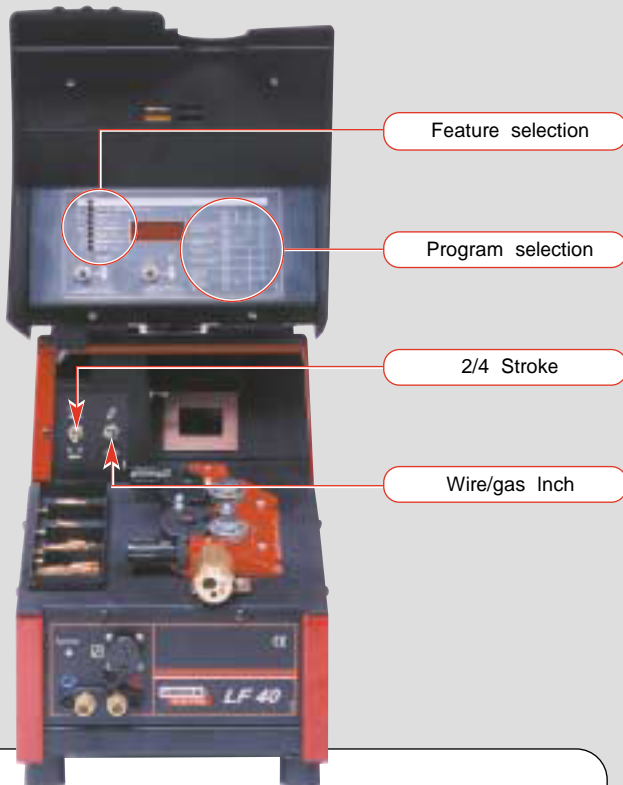
Product Name	Current range	Rated Output DC (40°C)	O.C.V.
PW405M	5 -425A	400A @ 35% 350A @ 60%	70 V

ACCESSORIES

Item Number	Description
K10353-2	Remote control box
K10367	Pull bar for undercarriage
K10339-1	Undercarriage LINC FEED
K10371	Caster kit
K10343	Euroconnector adaptor for Innershield torch

TECHNICAL SPECIFICATIONS LF40

Item number	WFS (m/min)	Wire diameter		Input voltage	Weight	Dimensions H x W x L
		Solid & cored	Aluminum			
K10340-40-5-W	2-20	0,8 - 1,6mm	1,0 - 1,6mm	40V	21	753x470x295



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E0013.05/05



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