

MULTI-PROCESS WELDER

FLEXTEC 500X HF



OUTPUT

CC

CV

DC

INPUT

3

PHASE

50/60

Hz

Powerful Performance From the Ground Up

Out in the shipyards, construction sites and fabrication shops, it pays to keep it simple. The Flextec 500X HF multi-process welder is easy to set up and operate, yet rugged enough to stand up to heavy-duty indoor and outdoor applications.

Basic pulse MIG capability is standard on the Flextec 500X HF , including weld modes for carbon steel, stainless steel, aluminium and metalcore electrodes.

The Flextec 500X HF welder is also equipped with CrossLinc® technology giving you the flexibility to control the machine from hundreds of feet away without a control cable.

Flexibility

Flextec power sources support multiple weld processes: MIG, TIG, Stick, Gouging and FCAW. Flextec welders can be used with nearly all Lincoln Electric wire feeders due to available feeder communication connections.

Processes

Stick, DC TIG, MIG, Flux-Cored, Arc Gouging.

Applications

Fabrication shops, manufacturing facilities, structural steel fabrication, heavy equipment manufacturing, production welding, education and training facilities.

Product Number

Flextec 500X HF: K6008-1-HF

SPECIFICATIONS

Machine	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D (mm)	Net Weight (kg)
Flextec 500X HF	K6008-1-HF	380/460/575/3/50/60	500A/40V/60% 450A/38V/100%	39/32/32 33/27/27	5-500A	477 x 356 x 699	62



KEY FEATURES

Simple

- Streamlined operator panel minimises setup time with easy process selection.
- Plug in to any 380-600V 3 phase power.

Reliable

- Built on industry proven design elements of other popular Lincoln Electric welders.
- Components designed to run cool for long life in high temperature environments.
- Fully encapsulated and environmentally protected electronics.
- Engineered for outdoor use and harsh environments (IP23 rated).

Flexible

- Compatible with across-the-arc, analog, digital or CrossLinc™ feeders.
- Premium multi-process arc characteristics work with all DC wire, stick and TIG processes.
- Choice of models to fit any application and budget.
- Lightweight and portable.

CrossLinc™ Technology

- Full functionality without control cables.
- Enables remote procedure setting at the feeder to improve weld quality.
- Increase arc time with fewer trips to the power source to adjust settings.
- Improves safety by reducing jobsite clutter.

TVT™ True Voltage Technology

- Gives you the true voltage you set by adjusting the power source to compensate for any voltage drop during welding.

ACCESSORIES

Part Number	Description
Cables & Hoses	
K1842-35	Weld Power Cable, 35 ft (1m)
94006032	Gas Hose (100m)
K4483-50	ArcLink Cable, 50 ft (1.5m)
K4483-100	ArcLink Cable, 100 ft (3m)
Optional Accessories	
K2536-5	PF25M Feeder
K5474-1	Power Feed 25M HyperFill Dual 5kg Coil Spindle
K3340-1	Spool Cover
K1555-1	Insulated Lift Bale
K3341-1	Lift Bale
K466-10	Torch Connector Kit
K4532-2	Magnum Pro Curve 350 HDE Standard Torch 15 ft

CUSTOMER ASSISTANCE POLICY

Lincoln Electric® business is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric® for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric® is not in a position to warrant or guarantee such advice and to the extent permitted by law assumes no liability, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given. The provision of information or advice does not create, expand or alter this warranty. Lincoln Electric® is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric® is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric® affect the results obtained in applying this type of fabrication methods and service requirements. Subject to Change – This information is accurate to the best of our knowledge at the time of printing.

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