

DLF™-82 Wire Feeder

DIGITAL SEMIAUTOMATIC WIRE FEEDER



DIGITAL LINCOLN FEEDER

The DLF-82 wire feeder is the ideal feeder to pair with Flextec® power sources for Pulsed MIG*, as well as CV-MIG, welding applications. Designed to combine the latest welding innovation with easy, operator-focused control features, this wire feeder/power source solution delivers the benchmark of simplicity and performance.

Simple System Configuration – Includes integrated 5-pin ArcLink® control cable, 0.035/0.045 drive rolls, wire reel stand for up to 60-lb spools, Magnum® PRO Curve™ HDE 350.

Simple to Use – Synergic weld modes for easy one knob control. Set WFS and V is automatically adjusted.

***Pulsed MIG Support** – with pulse supporting Flextec power source – lower spatter, greater puddle control.

***Auto Settings** – run-in speed, pre-flow, post-flow, burn-back are auto-set based on setup configuration.

Memories – up to four stored weld schedules for easy changes between different welds

Limits/Lockouts – reduces chance of accidental welding out of procedure

MaxTrac Wire Drive – proven performance, consistent and reliable wire feeding

Customizable Start and Crater Settings – greater control over weld profile at start and end of weld.

*Synergic Modes, Pulsed MIG, and Auto settings are a function of the power source. These can only be accessed by the DLF-82 if they are included in the Flextec software. Flextec 350XP, Flextec 350X PowerConnect and Flextec 500X are the recommended power sources. Other Flextecs may not allow for pulsed MIG and auto settings.

Processes »

CV-MIG, CV-FCAW, Pulsed MIG

Applications »

Fabrication Shops
Welding Production Facilities

Output »



Input »



Recommended Power Sources »

Pulsed MIG Capable Power Sources

Flextec 350XP
Flextec 350X PowerConnect®
Flextec 500X

Compatible Power Sources

Flextecs with 5-pin ArcLink Connector

Product Number »

K5282-3 DLF-82 Bench Model w/wire reel stand and gun

PRODUCT NUMBERS

Product Number	Description
K5282-3	DLF-82 Wire Feeder - includes 8ft integrated ArcLink® control cable and: K5284-1 DLF Wire Reel Stand (60-lb capacity) KP1696-1 0.035/0.045 reversible V-groove drive rolls K4532-2-10-45 Magnum® PRO Curve™ HDE 350, .045, 15ft Gun Ready-Pak
K5282-2	DLF-82 Bench Model with no gun, includes 8ft integrated ArcLink control cable and: K5284-1 DLF Wire Reel Stand (60-lb capacity) KP1696-1 0.035/0.045 reversible V-groove drive rolls
K5282-1	DLF-82 Base Model wire drive only. Includes 8ft integrated ArcLink control cable
K5284-1	DLF Wire Reel Stand
K3341-1	Lift Bail
K5395-1	DLF- Feeder, Inverter Cart Mounting Kit

DRIVE ROLLS

Wire Diameter	Solid Wire (V-Groove)	Cored Wire (Knurled)	Aluminum (U-Groove)
0.023-0.030	KP1696-030S	-	-
0.035	KP1696-035S	KP1697-035C	KP1697-035A
0.035-0.045	KP1696-1	-	-
0.040	KP1696-2	-	KP1695-040A
0.045	KP1696-045S	KP1697-045C	-
3/64	-	-	KP1695-3/64A
0.052	KP1696-052S	KP1697-052C	-
1/16	KP1696-1/16S	KP1697-1/16C	KP1695-1/16A
0.068-0.072	-	KP1697-068	-
5/64	-	KP1697-5/64	-

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output: Current/Voltage/ Duty Cycle	Solid Wire Diameter Ranges in. (mm)	Cored Wire Diameter Range in. (mm)	Wire Feed Speed Range: ipm (m/min)	Dimensions H x W x D in. (mm)	Weight lbs (kg)
DLF 82 Bench Model	K5282-3	40 VDC	500A @ 100% 600A @ 60%	0.023 - 1/16 (0.58 - 1.6)	0.030 - 5/64 (0.76 - 1.98)	50-800 (1.3 - 20.3)	15.9 x 12.0 x 25.6 (403 x 305 x 320)	43 (19.5)

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

CUSTOMER ASSISTANCE POLICY

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