

LN-35

Rugged, Portable Wire Feeder

The LN-35 is an across-the-arc, semiautomatic wire feeder for hardfacing and fabrication applications using self-shielded, flux-cored welding electrodes. Complete with wire reel stand for up to 60 lb. (27.2 kg) coils, the LN-35 is designed for maximum versatility and portability in a variety of field applications. Wire feeding performance is backed with a dynamic braking system that stops the wire feed motor quickly to minimize wire overrun. This wire feeder is easy to use, with a large wire feed speed knob that is easy to adjust with gloved hands.



Processes

Flux-Cored⁽¹⁾

Advantage Lincoln

- The LN-35 is designed to feed .035 - 7/64" (0.9 - 2.8mm) flux-cored electrodes.
- Enhanced starting control for smooth arc starting in CV mode.
- Electronic circuits protect wire feeder from overload.
- Adjustable wire feed speed for settings of 50-500 ipm (1.3-12.8m/min.).
- Three year warranty on parts and labor.
- Manufactured under a quality system certified to ISO 9001 requirements.

Description

Output



Unit Includes

- Wire Reel Stand (with 1" Spindle)
- Coil Adapter
- Case

Recommended General Options

Magnum Self-Shielded Gun and Cable Assemblies

Recommended Power Source Options

CV-400, CV-655, DC-400, DC-600, DC-655

Order

K2281-1 LN-35

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Duty Cycle	Wire Feed Speed Range ipm (m/min.)	Wire Size Range in. (mm) Cored	Dimensions H x W x D inches (mm)	Net Weight lbs.(kg)
LN-35 Across-The-Arc	K2281-1	15-40V DC Max OCV: 110V DC	500A/60%	50-500 (1.2-12.7)	.035 - 7/64 (0.9 - 2.8)	27.0 x 10.0 x 30.0 (686 x 254 x 762)	82 (37)

NOTE:

A constant voltage (CV) power source is recommended for self-shielded, flux-cored arc welding (FCAW-S). The LN-35 may be used with a constant current (CC) power source for non-critical applications where weld quality and deposition properties are not critical.

⁽¹⁾ Self-Shielded wires only.

DRIVE ROLL AND GUIDE TUBE KITS

Steel Wire Sizes:	2 Roll
Cored Wire: .035" (0.9 mm) .045-.052 (1.2-1.4 mm) 1/16" (1.6mm) .068 - 3/32" (1.7 - 2.4 mm) 7/64" (2.8 mm)	KP653-035C KP653-052C KP653-1/16 KP653-3/32 KP653-120C
Hardfacing: 7/64" (2.8 mm)	KP653-7/64H

WELD POWER CABLES

Order No.	Description
K1840-10	Twist-Mate™ to Lug, 1/0, 350A, 60% duty cycle, 10 ft. (3.0m)
K1842-10	Lug to Lug, 3/0, 600A, 60% duty cycle, 10 ft. (3.0m)
K1842-35	Lug to Lug, 3/0, 600A, 60% duty cycle, 35 ft. (10.6m)
K1842-60	Lug to Lug, 3/0, 600A, 60% duty cycle, 60 ft. (18.2m)
K1842-110	Lug to Lug, 4/0, 600A, 60% duty cycle, 110 ft. (33.5m)

RECOMMENDED OPTIONS

GENERAL OPTIONS



Magnum Self-Shielded Gun and Cable Assemblies
 Available 250-600 amps.
 See publication E12.110

LN-35 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
LN-35 Across-The-Arc Wire Feeder	K2281-1		
Recommended General Options			
Magnum Self-Shielded Gun and Cable Assemblies	See publication E12.110		
Recommended Power Source Options			
CV-400	See publication E4.30		
CV-655	See publication E4.40		
DC-400	See publication E5.20		
DC-600	See publication E5.40		
DC-655	See publication E5.46		
	TOTAL:		

CUSTOMER ASSISTANCE POLICY

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