

# Easy-MIG<sup>®</sup> 140



## Processes

MIG, Flux-Cored

## Product Number

K2697-1

See back for complete specs

## Input Power

120/1/60

## Input Current at Rated Output

20A

## Rated Output Current/Voltage/Duty Cycle

90A/19.5V @ 20%

## Output Range

30-140 A

50-500 WFS (1.3-12.7 m/min)

Max. OCV: 33

## Weight/Dimensions (H x W x D)

50 lbs. (22.7 kg)

13.7 x 10.15 x 17.9 in.

(357 x 258 x 472 mm)

## 120 Volt AC Input Compact Wire Feeder/Welder

Requiring common 120 volt input power, the Easy-MIG<sup>®</sup> 140 can be used almost anywhere. With simple two knob control, the machine is easy to set up for gasless flux-cored welding for deep penetration on thicker steel or gas-shielded MIG welding on thin gauge steel, stainless or aluminum. Compare the precise drive, rugged construction and full list of standard accessories. . . the Lincoln Electric Easy-MIG<sup>®</sup> 140 is an excellent choice!

### FEATURES

#### ▶ Heavy Duty Wire Drive

- Fully adjustable drive system reduces the chance of wire tangling and crushing.
- Brass-to-brass gun connection enhances conductivity.
- Durable cast aluminum gear box delivers added drive torque and quiet operation.
- Easy-turn numeric drive tension indicator identifies optimized ranges for different wire diameters.

#### ▶ Capable Performance

- Forgiving arc makes dialing in your application easy.
- Smooth arc starts with minimal spatter.
- Wide 30-140 amp welding output range.
- MIG weld 24 gauge up to 3/16 in. (4.8 mm) sheet metal in a single pass. Weld up to 5/16 in. (7.9 mm) steel using self-shielded Lincoln Electric Innershield<sup>®</sup> (FCAW-S) wires.

### APPLICATIONS

- ▶ Shop
- ▶ Farm
- ▶ Home



### WHAT'S INCLUDED

#### Gun

- ▶ Magnum<sup>®</sup> 100L gun and 10 ft. (3.0 m) cable assembly with brass connection and 4-pin MS-Type connection for trigger control (K530-6)
- ▶ .025 in. (0.6 mm) contact tips (Qty 3) (KH710)
- ▶ .035 in. (0.9 mm) contact tips (Qty. 3) (KH712)
- ▶ Gasless nozzle for Innershield<sup>®</sup> welding (KH726)
- ▶ Gas nozzle for MIG welding (KH725)
- ▶ Spindle adapter for 8 in. (203 mm) diameter spools (KH720)
- ▶ .025 - .035 in. (0.6 - 0.9 mm) wire diameter dual track drive roll for MIG and flux-cored welding (KP2948-1)

#### Shielding Gas Apparatus

- ▶ Harris<sup>®</sup> 3000290 Gas Regulator (S25805) and 52 in. (1.3 m) hose (S19303) for use with Ar/CO<sub>2</sub> or CO<sub>2</sub> gases. For use with CO<sub>2</sub> shielding gas, order a Lincoln Electric S19298 CO<sub>2</sub> shielding gas bottle adapter.

#### Welding Wire

- ▶ Sample spool of .025 in. (0.6 mm) diameter SuperArc<sup>®</sup> L-56<sup>®</sup> premium MIG wire
- ▶ Sample spool of .035 in. (0.9 mm) diameter Innershield<sup>®</sup> NR<sup>®</sup>-211-MP flux-cored wire



Shown K2697-1

### INPUT



120 V  
INPUT

### OUTPUT



Two Year Extended  
Warranty Available in  
the U.S.A. and Canada.

### Other

- ▶ Work clamp and 10 ft. (3.0 m) cable
- ▶ How TO MIG Weld DVD
- ▶ Instruction manual



### THE LINCOLN ELECTRIC COMPANY

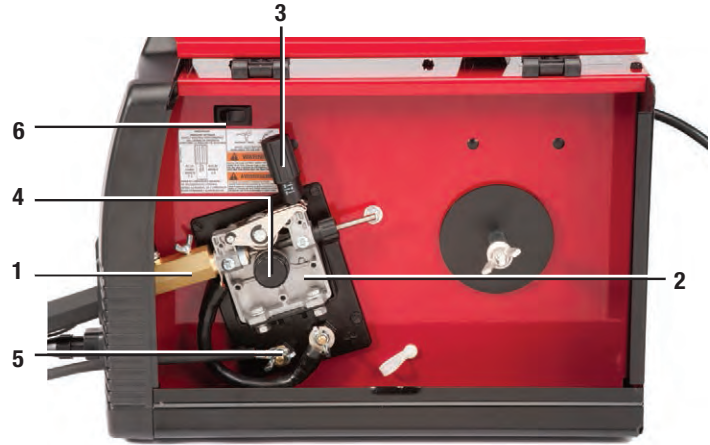
## HEAVY DUTY WIRE DRIVE

### Enhanced Quality

1. Brass-to-brass gun connection enhances conductivity.
2. Rigid drive aids wire alignment. The cast aluminum body with an enclosed multi-stage gear box delivers improved torque and quiet operation.

### Easy to Use

3. Easy-turn drive tension adjustment with numeric tension indicators.
4. Fast tool-less drive roll changeovers. The dual track drive roll ensures positive flux-cored wire feeding with common wire diameters.
5. Easy tool-less polarity changes for MIG or flux-cored welding.
6. Spool gun ready switch allows user to select spool gun or standard push gun drive operation.



### PERFORMANCE PLUS

Process	Wire Dia. (in.)	Wire Diameter																
		24ga.	22ga.	20ga.	18ga.	16ga.	14ga.	12ga.	10ga.	3/16"	1/4"	5/16"	3/8"	1/2"				
Flux-Cored Welding – Steel	.030															INNERSHIELD® NR-211 MP	SP	MP
	.035															INNERSHIELD® NR-211 MP	SP	MP
MIG Welding – Steel	.025															SUPERARC® L-56*		SP
	.030															SUPERARC® L-56*		SP
	.035															SUPERARC® L-56*		SP
MIG Welding – Aluminum <sup>(1)</sup>	.035															SUPERGLAZE® 4043	SP	

<sup>(1)</sup> Aluminum welding requires optional K2532-1 Magnum® spool gun.

L12603-10

### DRIVE ROLLS

Product Number	Wire Diameter in. (mm)	Process
KP2948-1	.025 - .035 (0.6 - 0.9)	MIG/Flux-Cored
KP3285-1	.035 - .045 (0.9 - 1.1)	MIG/Flux-Cored

### RECOMMENDED ACCESSORIES

#### GENERAL OPTIONS



#### Welding Cart

Full-featured cart is designed to store and transport a welder, 80 cubic foot gas cylinder, welding cables and accessories. Includes an angled top shelf for easy access to welder controls, a lower tray for added storage space, a sturdy handle also used as a convenient cable wrap hanger.

Order K2275-1



#### Utility Cart

Heavy duty cart stores and transports welder, 150 cubic foot shielding gas cylinder, welding cables and accessories. Includes stable platforms for welder and gas bottle platform, lower tray for added storage capacity and adjustable height handle.

Order K520



#### Small Canvas Cover

Protect your welder when not in use. Made from attractive red canvas that is flame retardant, mildew resistant and water repellent. Includes a convenient side pocket to hold your welding torch or gun.

Order KH495



#### WIRE FEEDER OPTIONS

#### Magnum® 100SG Spool Gun

Designed to easily feed 4 in. (102 mm) diameter 1 lb. (0.45 kg) spools of .030 in. (0.8 mm) or .035 in. (0.9 mm) diameter SuperGlaze® aluminum MIG wire. Includes gun, adapter kit, .035 in. (0.9 mm) contact tips (qty. 3), gas nozzle, and a 1 lb. (0.45 kg) spool of SuperGlaze® 4043 .035 in. (0.9 mm) MIG wire. Packaged in a convenient carrying case.

Order K2532-1

### PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D inches (mm)	Net Weight lbs. (kg)
Easy-MIG® 140	K2697-1	120/1/60	90/19.5V/20%	20A	30-140 Amps DC 50-500 ipm WFS (1.3-12.7 m/min) Max. OCV: 33	13.7 x 10.15 x 17.9 (357 x 258 x 472)	50 (22.7)

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit [www.lincolnelectric.com](http://www.lincolnelectric.com) for more details.

### CUSTOMER ASSISTANCE POLICY

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