

WELD-PAK® 180i MP® DV

COMPACT VERSATILITY



KEY FEATURES

The WELD-PAK® 180i MP® DV welding machine is a lightweight and portable welder that connects to 120 or 230 volt power. This machine is an excellent choice for MIG, Stick, Flux-Cored, and DC TIG welding. The intuitive user interface, easy setup, and full list of accessories permits welding in no-time.

VERSATILE PERFORMANCE

- Multi-Process unit capable of MIG, TIG, and Stick welding
- MIG weld at 20-180 Amps
- DC TIG weld at 10-165 Amps
- Stick weld at 25-160 Amps

EASY TO USE

- Fast toolless drive roll changeovers
- Simple two knob operation
- Single button for process selection

COMPACT DESIGN

- Lightweight and portable at 34.5 lbs
- Conveniently plugs into household 230 volt or 120 volt power with included adaptor.

Processes »

MIG, Flux-Cored, Stick, DC TIG,

Applications »

Home, Hobby, Shop, Farm, Autobody

Output »



Input »



Product Number »

K5257-1-1 WELD-PAK® 180i MP® DV

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 toolless drive roll changeovers. The dual track drive roll ensures positive flux-cored wire feeding with common wire diameters.
5. Spool gun ready switch allows user to select spool gun or standard push gun drive operation
6. Oversized twist connectors for durability.



Process	Wire Dia. (in.)	Wire Diameter													
		24ga.	22ga.	20ga.	18ga.	16ga.	14ga.	12ga.	10ga.	3/16"	1/4"	5/16"			
Flux-Cored Welding – Steel	.030														
	.035														
MIG Welding – Steel	.025														
	.030														
	.035														
MIG Welding – Aluminum ^(†)	.035														

^(†) Aluminum welding requires optional K5341-1 Magnum® spool gun.

SP - Single Pass
MP - Multiple Pass

DRIVE ROLLS		
Product Number	Wire Diameter inches (mm)	Process
KP2948-1	.025-.035 [0.6-0.9]	MIG/Flux-Cored
KP3285-1	.035-.045 [0.9-1.1]	Flux-Cored

WHAT'S INCLUDED

Gun

- Magnum® 100L gun and 10 ft. (3.0 m) cable assembly with brass connection and 8-pin trigger connector
- .025 in. (0.6 mm) contact tip
- .030 in. (0.9 mm) contact tip
- Gasless nozzle for Innershield® welding
- Gas nozzle for MIG welding
- Spindle adapter for 8 in. (203 mm) diameter spools
- .025 - .035 in. (0.6 - 0.9 mm) wire diameter dual track drive roll for MIG and flux-cored welding

Shielding Gas Apparatus

- Harris® Gas Regulator and 52 in. (1.3 m) hose for use with Ar/ CO2 blend gases.

Other

- Work clamp and 10 ft. (3.0 m) cable
- Instruction manual
- Electrode holder with 10 ft. cable for stick welding
- Quick Start guide

APPLICATIONS

- Shop
- Farm
- Home
- Autobody

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. **K2275-3**



Ready to weld PTA-17 TIG Torch

Light and easy to use, these torches give you the power of maximum versatility and maneuverability. A molded, knurled handle gives you a sure grip so you can focus on the weld. Whether you are an occasional TIG welder, fabrication shop or production welder, Pro-Torch™ TIG torches are right for you.

125 Amp TIG torch order K1782-16

150Amp TIG torch order K1782-17



Foot Pedal

This TIG foot pedal controls the amperage when TIG welding. Depress pedal to increase current. Depressing pedal fully achieves maximum set current. Fully raising the pedal finishes the weld and starts the after flow cycle. This foot pedal will give the optimum amperage needed for any TIG welding project. **Order K4361-1**



WIRE FEEDER OPTIONS

Magnum® 100SG Spool Gun (8 PIN)

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 K5341-1**



WELD-PAK® 180i MP® DV - SPECIFICATIONS

Product Number	Input Power Voltage/Phase/Hertz	Rated Output Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
K5257-1	120/230/1/60	165A/22V/30% MIG 165A/16.6V/30% TIG 160A/26.4V/25% Stick	20A	30-180A MIG 10-165A DC TIG 25-160A Stick	40-500 (1.3-17.7)	13.6 x 8.9 x 18.1 (345 x 224 x 460)	34.5 (15.6)

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

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® 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 information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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 these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectricretail.com for any updated information.

All trademarks and registered trademarks are the property of their respective owners.

The Lincoln Electric Company
22801 St. Clair Avenue · Cleveland, OH · 44117-1199 · U.S.A.
www.lincolnelectricretail.com