

MIG-PAK[®] 180i MP DV[®]

- Multi-Process
MIG, Flux-Cored, Stick,
TIG, Aluminum
- Dual-Voltage
- Inverter Technology





MIG-PAK® 180i MP DV®

MIG • FLUX-CORED • STICK • TIG • ALUMINUM

Big Value and Performance in a Small Package

The MIG-PAK® 180i MP® DV is a multi-process, dual-voltage welder that can **get you welding in less than 10 minutes right out of the box**. It's built for hardworking professionals, but easy enough for anyone to use regardless of skill level. This rugged machine lets you weld up to 1/2" thick materials and can handle MIG, flux-cored, stick, TIG and aluminum welding.

It may pack a lot of power, but the portable 180i MP only weighs 34.5 pounds so you can use it anywhere you can plug it in. And with automatic process detection, an inverter-based system to keep energy bills down and a simple interface, the 180i MP adds value and ease of use to the standard Lincoln Electric field-proven dependability and industry-leading support.

Rugged and dependable — **you will never have to buy another one!** Find it in stores or online at your favorite retailer.

Applications

- › Contractors
- › Metal Fabrication
- › Farm and Ranch
- › Maintenance and Repairs
- › Light Construction
- › Autobody Shops
- › Hobby and Home



SIMPLE USER INTERFACE AND CONTROLS



1. Carrying handle that can be used while wearing welding gloves
2. Impact resistant front protects controls and connectors
3. Single button for multi-process selection capable of wire, TIG and stick welding
4. Solid brass welding gun connection, resists corrosion and provides maximum electrical connection
5. 8-pin connector for connecting TIG foot pedal, or MAGNUM® spool gun
6. Toolless polarity changes for for MIG and Flux-cored welding processes
7. 18 gauge metal case provides protection from the elements
8. Built in thermal protection to prevent damage to internal components
9. Voltage and wire speed knobs with built in indicators
10. Vented front for pull through fan cooling
11. Solid brass connectors providing the maximum supply of current

MIG-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)
K5331-1	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)



1. Toolless welding wire changes
2. Solid aluminum wire feed body with enclosed gear box delivers consistent wire feed
3. Built in latch secures machine during transport and storage
4. Attached process chart for machine setup
5. Switch allows for selection between of spool gun or standard MIG gun
6. Oversized drive tension adjustment knob with easy to read tension indicators
7. Dual-track (smooth and knurled) drive roll ensures positive solid and flux-cored wire feeding
8. Polarity cable storage to store cable when not in use



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. **(P/N: K2275-3)**

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.



- 125 Amp TIG torch **(P/N: K1782-16)**
- 150 Amp TIG torch **(P/N: 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.

(P/N: K4361-1)

Magnum® 100SG Spool Gun for Aluminum Welding

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. **(P/N: K4360-1)**



PROTECTIVE GEAR

Welding and cutting can be fun, but without taking the proper safety precautions, you can risk injury. By following the manufacturer's recommended safety protocols, you can count on years of enjoyment without any unnecessary danger.

Lincoln Electric offers a full line of personal protection equipment (PPE) to keep you safe while welding and cutting.

Helmets and Eye Protection



Welding Jackets and Gloves



For more information visit:

www.lincolnelectric.com/en/Products/Safety



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ELECTRIC**

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