# 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.



## PERFORMANCE PLUS

Process	Wire Dia. (in.)	24ga.		20ga.	18ga.	16ga.	14ga.	12ga.	10ga.	3/16"	1/4"	5/16"	3/8"
Flux-Cored Welding – Steel	.030 .035						NR®-211-1 NR®-211-1			SP SP		MP	MP
MIG Welding – Steel	.025	SUPERA	ARC® L-5		ARC® L-50	6 <sup>®</sup>			SP SP				
	.035						SUPER	ARC® L-50	6 <sup>®</sup>	SP			
MIG Welding – Aluminum [1]	.035	SUPERGLAZE® 4043						SP					

(1) 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 KP3285-1	.025035 (0.6-0.9) .035045 (0.9-1.1)	MIG/Flux-Cored 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**

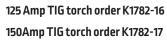
#### **Welding Cart**

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.





## **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	Rated Output Current/	Input Current @	Output	Wire Feed Speed	HxWxD	Net Wt
	Voltage/Phase/Hertz	Voltage/Duty Cycle	Rated Output	Range	ipm (m/min)	in (mm)	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.

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