

TECHNICAL SPECIFICATIONS 180 Amp units (K2481-1, K2515-1, K2659-1, K2689-1, K2698-1)

INPUT – SINGLE PHASE ONLY			
<u>Standard Voltage/Frequency</u> 230 V 60 Hz 208 V 60 Hz		<u>Input Current</u> 20 Amps @ rated output 20 Amps @ rated output	
RATED OUTPUT			
<u>Voltage/Duty Cycle</u> 230 V 30% 208 V 30%		<u>Current</u> 130 Amps 130 Amps	<u>Voltage at Rated Amperes</u> 20 17
OUTPUT			
<u>Welding Current Range</u> 30-180 Amps		<u>Open Circuit Voltage</u> 34 V	<u>Wire Speed Range</u> 50 - 500 in/min. (1.3 - 12.7 m/min.)
RECOMMENDED INPUT CABLE AND FUSE SIZES			
<u>Input Voltage/Frequency</u> 230 V 60 Hz	<u>Fuse or Breaker Size</u> ¹ 40 Amp Super Lag	<u>Input Amps</u> 20	<u>Power Cord</u> 50 Amp, 250 V, Three Prong Plug (NEMA Type 6-50P)
PHYSICAL DIMENSIONS			
<u>Height</u> 13.7 in 347 mm	<u>Width</u> 10.15 in 258 mm	<u>Depth</u> 17.9 in 454 mm	<u>Weight</u> 64 lbs 29 kg

¹ If connected to a circuit protected by fuses use Time Delay Fuse marked "D".

Read entire installation section before starting installation.

SAFETY PRECAUTIONS

WARNING



ELECTRIC SHOCK can kill.

- Only qualified personnel should perform this installation.
- Only personnel that have read and understood the POWER MIG Operating Manual should install and operate this equipment.
- Machine must be plugged into a receptacle which is grounded per any national, local or other applicable electrical codes.
- The POWER MIG power switch is to be in the OFF ("O") position when installing work cable and gun and when connecting power cord to input power.

SELECT SUITABLE LOCATION

Locate the welder in a dry location where there is free circulation of clean air into the louvers in the back and out the front of the unit. A location that minimizes the amount of smoke and dirt drawn into the rear louvers reduces the chance of dirt accumulation that can block air passages and cause overheating.

STACKING

WIRE FEEDER WELDER(180 MODEL) cannot be stacked.

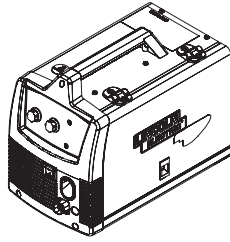
TILTING

Each machine must be placed on a secure, level surface, directly or on recommended cart. The machine may topple over if this procedure is not followed.

IDENTIFY AND LOCATE COMPONENTS FOR 180 AMP UNIT

INCLUDED COMPONENTS

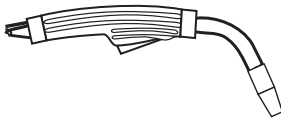
- Wire Feeder Welder.



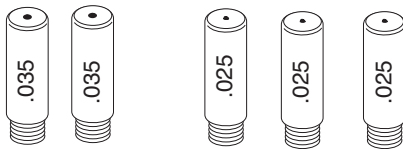
- Work Cable & Clamp.



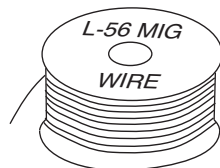
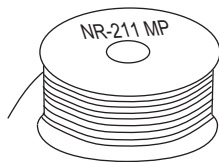
- Magnum 100L Welding Gun.



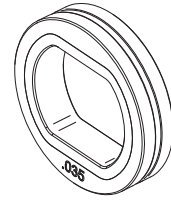
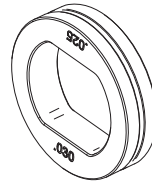
- 3 .035 Contact Tips (1 installed on the welding gun).
- 3 .025 Contact Tips.



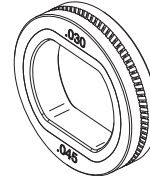
- Spool of .035 diameter NR-211MP Innershield Flux-cored Wire.
- Spool of .025 diameter L-56 MIG Wire.



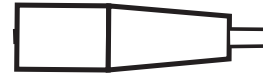
- .025-.030 Smooth Drive Roll
- .035 Smooth Drive Roll.



- .030 -.045 Knurled Drive Roll (Installed on Machine).



- Black Flux-cored Gasless Gun Nozzle (Installed on Welding Gun).

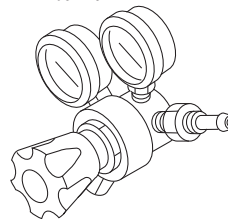


- Brass MIG Gas Gun Nozzle.

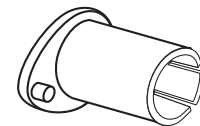


- 2" Spindle Adapter (For 8" Reel of wire)
- Regulator
- Gas Hose
- Learn to Weld (LTW1 Manual)
- DVD

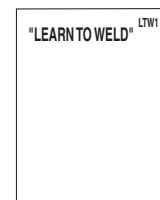
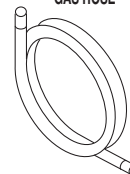
REGULATOR



2" SPINDLE ADAPTER (FOR 8" REEL OF WIRE)



GAS HOSE



DVD



WIRE FEEDER WELDER (180 MODEL)

