

# MAG-POWER®

## MIG Cutting Systems

Industrial Grade MIG Welding Machines & Accessories

- Rugged Powder-Coated Steel Cabinets with Forced-Air Cooling
- Positive Position Cam-Lock Rotary Power Switches
- Industrial Duty Solid Copper Wire Epoxy Bonded Transformers
- Illuminated Thermal Overload Indicator & Automatic Reset
- Infinite Wire Speed Feed Control w/Direct Drive DC Motor
- Designed Specifically for Single Phase Input Power
- Euro-Connect Industrial MIG Gun Power Cable Receptical
- Heavy-Duty 300 Amp Work Clamp with UV/IR Welding Cable



# MAG-POWER®

## MIG Welding Machines

Industrial Grade MIG Welding Machines & Accessories



### MAG-MG145

3/16" Production – 115 Volt / 140 Amps

This professional portable system produces a full 90 Amps of welding power for an extended 30% duty-cycle on standard 115-volt outlet and is capable of welding mild steels from #24GA to 3/16" with .023" - .035" diameter wire. Package includes machine with a Euro-connect SL15 Industrial Duty MIG gun w/10' cable assembly, 300 Amp work clamp & cable, brass gas regulator & hose, mild-steel & flux-cored welding wire and complete Operator instruction manual.

<b>Input Voltage:</b>	115VAC @ 60Hz	<b>Output Voltage:</b>	18 VDC
<b>Input Current:</b>	20 Amps	<b>Output Current:</b>	140 Amp (max)
<b>O.C. Voltage:</b>	23.7VDC	<b>Duty-Cycle:</b>	90 Amps @ 30%
<b>Power Settings:</b>	Four position (4)	<b>Wire Sizes:</b>	.023" - .035"
<b>Dimensions:</b>	10.8"W x 18.5"D x 14.0"H	<b>Weight:</b>	50 Lbs.



### MAG-MG165

1/4" Production – 230 Volt / 160 Amps

This professional portable system produces a full 130 Amps of welding power for an extended 30% duty-cycle on standard 230-volt outlet and is capable of welding mild steels from #24GA to 1/4" with .023" - .035" diameter wire. Package includes machine with a Euro-connect SL15 Industrial Duty MIG gun w/10' cable assembly, 300 Amp work clamp & cable, brass gas regulator & hose, mild-steel & flux-cored welding wire and complete Operator instruction manual.

<b>Input Voltage:</b>	320VAC @ 60Hz	<b>Output Voltage:</b>	20 VDC
<b>Input Current:</b>	20 Amps	<b>Output Current:</b>	160 Amp (max)
<b>O.C. Voltage:</b>	43 VDC	<b>Duty-Cycle:</b>	120 Amp @ 30%
<b>Power Settings:</b>	Four position (4)	<b>Wire Sizes:</b>	.023" - .035"
<b>Dimensions:</b>	10.8"W x 18.5"D x 14.0"H	<b>Weight:</b>	52 Lbs.

# SPECIFICATIONS

## MAG-MG255

### Industrial MIG / SpoolGun Welding System 1/2" Production – 240 Volt / 260 Amps

Full-featured shop welding system for applications from automotive panels to heavy-duty industrial fabrication. Unique dual-gun outputs allow for operator switch-on-the-fly from steel gun to aluminum spoolgun operation. Spoolgun available as an option with direct-connect control factory installed.

This professional shop system produces a full 250 Amps of welding power for an extended 30% duty-cycle on standard 230-volt outlet and is capable of welding mild steels from #18GA to 1/2" with .023" - .045" diameter wire. Control package includes 14-step power settings, dual chokes, adjustable stitch & spot and Gun-to-Spoolgun switch to insure precision welds from the lightest gauge aluminum to the heaviest gauge steels. Package includes machine with a Euro-connect SL25 Industrial Duty MIG gun w/10' cable assembly, 300 Amp work clamp & cable, brass gas regulator & hose, mild-steel welding wire and complete Operator instruction manual.



<b>Input Voltage:</b>	240VAC @ 60Hz	<b>Output Voltage:</b>	26.5 VDC
<b>Input Current:</b>	38 Amps	<b>Output Current:</b>	260 Amps max.
<b>O.C. Voltage:</b>	32 VDC	<b>Duty-Cycle:</b>	250 Amps @ 30%
<b>Power Settings:</b>	Fourteen position (14)	<b>Wire Sizes:</b>	.023" - .045"
<b>Dimensions:</b>	17.5"W x 18"D x 31.5"H	<b>Weight:</b>	185 Lbs.

## MAG-SG185

### SpoolGun Direct-Connect 20' Cable 3/8" Maximum – 185 Amps

Rugged and compact this heavy-duty spoolgun is ideal for all automotive, truck & trailer, farm equipment, food service and industrial aluminum welding jobs. High impact case with 24-volt permanent magnet DC motor provides for smooth wire feeding in the toughest of environments. Twist-lock power & control connects.

Compact spool gun with dual-feed drive rolls smoothly dispenses the thinnest gauge aluminum wire from standard 4" spool. Direct-connect feature allows for switch on-the-fly operation when used with MAG-MG255 welder and 20' integral power/gas/control cable assembly allows for maximum flexibility. Package includes 185 Amp SpoolGun with .035" contact tip and 20' direct-connect cable assembly with twist-lock plugs. Extended 50' cable available. Additional shield gas regulator purchased separately.



**707.1850 / SpoolGun Switch Kit** – Kit includes heavy-duty toggle switch, power lead-wires, SpoolGun cable plug and complete installation instructions for all 24VDC wire feed welding machines. NOTE: Kit not required with MAG-MG255 machine.

## MIG Cutting Systems

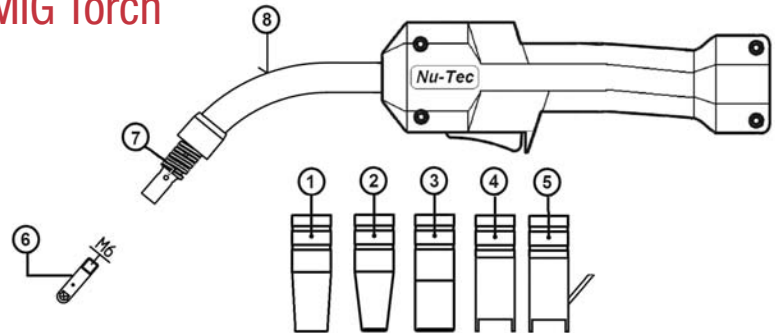
Industrial Grade MIG Welding Machines & Accessories

Toll-Free Tech Support  
**1-800-554-0074**

[www.mag-powerequip.com](http://www.mag-powerequip.com)

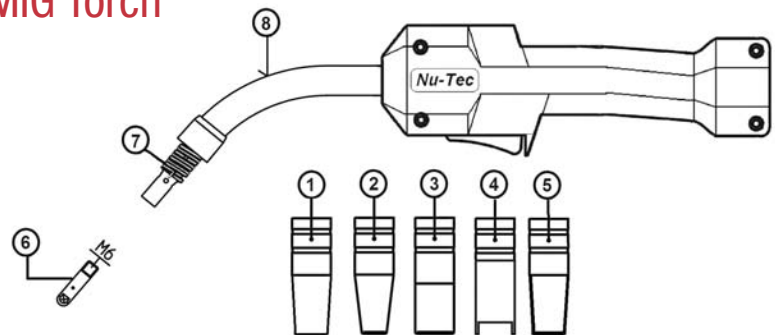
Item	Part #	Description
1	145N0075	1/2" Nozzle
2	145N0123	3/8" Nozzle
3	145N0041	5/8" Nozzle
4	145N0168	Spot Nozzle
5	145N0186	Stud Nozzle
6	140N0008	Contact Tip .023"
	140N0059	Contact Tip .030"
	140N0177	Contact Tip .035"
7	002N0078.1	Tip Holder & Diff.
8	002N0009.1	Swan Neck 150

### SL15 MIG Torch



1	145N0076	9/16" Nozzle
2	145N0124	7/16" Nozzle
3	145N0042	3/4" Nozzle
4	145N0169	Spot Nozzle
5	145N0100	9/16" Nozzle/HD
6	140N0005	Contact Tip .023"
	140N0051	Contact Tip .030"
	140N0169	Contact Tip .035"
	140N0379	Contact Tip .045"
7	003N0036.1	Tip Holder & Diff.
8	004N0012.1	Swan Neck 250

### SL25 MIG Torch



### Welding Wire

4 inch spool

#### Steel Wire (ER70S6)

2 lb. X .023"	ER70S6-023-02
2 lb. X .030"	ER70S6-030-02
2 lb. X .035"	ER70S6-035-02

#### Aluminum Wire (4043/5356)

1 lb. X .030"	ER4043-030
1 lb. X .035"	ER4043-035
1 lb. X .035"	ER5356-035



### Auto-Silver Welding Helmet

Designed to perform in all welding applications, for the beginner as well as the full time professional welder. Lightweight but durable silver-metallic shell reflects heat keeping the operator cool. The auto-darkening lens allows for easy position of the material in the light-shade and instantaneously darkens on arc contact with no movement from flipping the helmet down.



### MIG Machine Cart

Heavy-duty cart easily moves machine around the shop and provides convenient storage for accessories, air hoses safety glasses & gloves.