



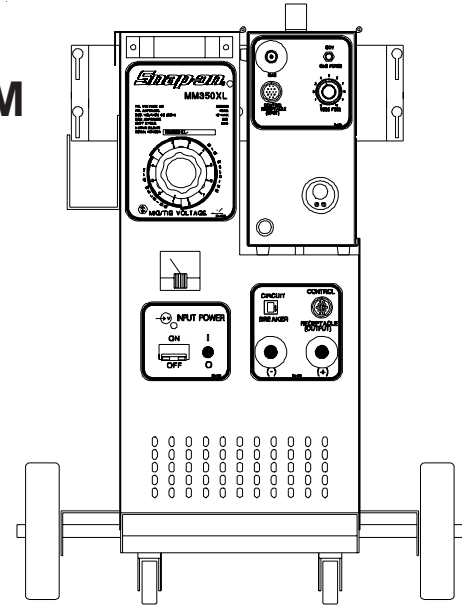
Muscle Mig System™

800-ABC-WELD

MM350XL SNAP-ON MUSCLE MIG SYSTEM

Extra Heavy Duty Unit for Frame Shops,
Maintenance and Manufacturing

- 60% DUTY CYCLE @ 350 AMPS
- TIG WELDS 18 GA. THRU 1/4" STEELS (NO ALUMINUM)
- HEAVY-DUTY REMOTE FEED UNIT
- SHORT ARC, GLOBULAR, SPRAY TRANSFER
- .023 THROUGH 1/16 WIRE - ALL TYPES (REQUIRES OPTIONS)
- 30 - 350 AMP RANGE
- SPOOL GUN READY
- TWO YEAR WARRANTY (EXCEPT M.I.G. TORCH)



EASY TO OPERATE

Turn on the shielding gas and main power switch, set the Heat and Wire Speed dials, and pull the trigger. That is all that is required of the operator of the MM350XL to perform the majority of welding jobs.

The MM350XL can be used to produce high quality welds on steel, stainless steel, or aluminum. An Optional MHG5-B Spool gun is available for welding aluminum.

SMOOTH ARC DESIGN

A twelve position dial provides 4 TIG and 8 MIG voltage selections. The tapped transformer, diode rectifier, capacitor bank design, produces the smooth arc required for welding on thin gauge, as well as the amperage needed for welding heavier sections of material.

COMPACT DESIGN

The size, weight, sturdy running gear, and the 20 foot power input cable make the MM350XL the ideal machine for in-shop portability.

All controls are located on the front of the machine, to allow for easy reading and adjustment.

REMOTE FEED UNIT

The MM350XL standard package includes a removable feed unit. The feed unit is equipped with a 15 foot cable assembly. Optional 25, 35 and 50 foot cable assemblies are available.

INDUSTRIAL MIG TORCH

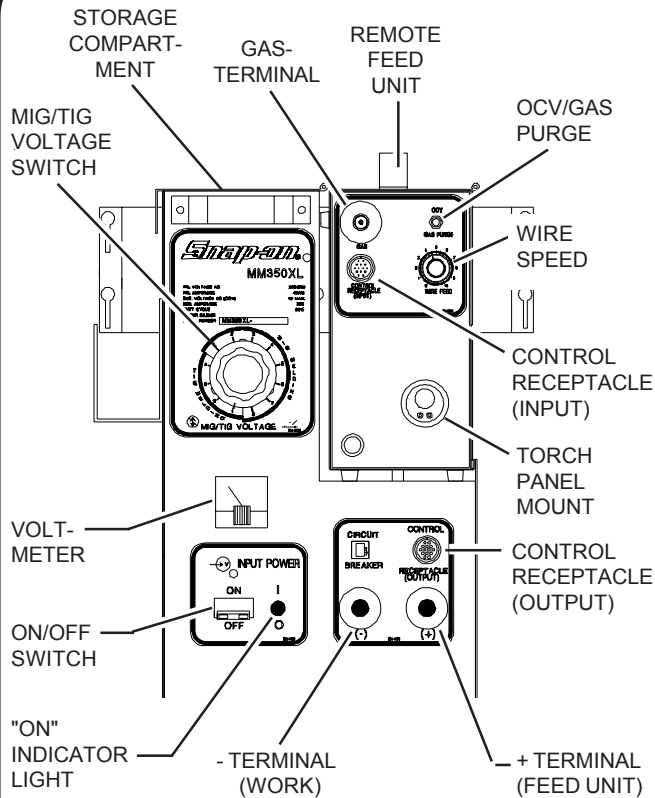
The industrial rated MIG torch is designed to give years of dependable service. Its light weight, perfect balance, and positive trigger control are especially appealing to the operator. The Zero Gas Loss feature is standard with SNAP-ON TOOL MIG torches. This feature virtually eliminates expensive shielding gas loss. The single line cable with unique single unit connector attachment at the machine is one more plus, adding to the perfect machine.

ITEMS INCLUDED WITH THE MM350XL SNAP-ON MUSCLE MIG SYSTEM:

- Combination Power Source / Remote Feed Unit
- Industrial Wheel Kit and Dual Cylinder Rack
- 15 foot Feeder Control Cable Assembly
- Shielding Gas Regulator / Flowmeter
- 20 foot Power Input Cable
- 25 foot Work Cable with Clamp (#1 AWG)
- MIG Torch with 12 foot Cable (.035 wire)
- 350LPK Parts Kit In Plastic Storage Case
- Storage Compartment Built-in

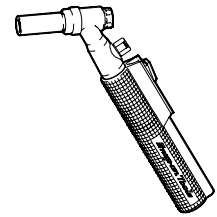
The Pro's Advantage For Mig Welding

OPTIONS



T.I.G. (GTAW) WELDING - SCRATCH START

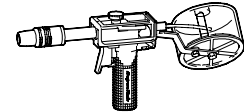
Do you have a requirement for very high quality welds? The MM350XL is easily converted to a T.I.G. Welder. Weld Steel, Stainless Steel, Chrome-Moly, Copper, Cast Iron - but **WILL NOT WELD ALUMINUM**. With its built-in 4 TIG settings the MM350XL is capable of welding 18 gauge up to 1/4" thicknesses. (available in 12 and 25 foot cable lengths) PURE ARGON GAS IS REQUIRED FOR TIG WELDING.



FLEX-TIG
(12 or 25 foot)

ALUMINUM WELDING

The MM350XL is "Spool Gun Ready". The optional MHG5-B spool gun plugs into the welder and you are ready to weld. (The proper gas must be hooked up) but nothing needs to be removed from the welder for changeover to the spool gun. PURE ARGON GAS IS REQUIRED FOR ALUMINUM WELDING.



MHG5-B

SPECIFICATIONS

Power Input Requirements

Voltage	208/230 volts AC
Phase	single phase
Frequency	50/60 hertz
Current	46/42 amps

Power Output

Open Circuit Voltage	18 - 42 volts DC
Arc Voltage	12 - 32 volts DC
Weld Current Range	30 - 350 amps
Rated Output	300 amps
Duty Cycle	100%
Max. Output	350 amps
Duty Cycle at Max.	60%

Electrode Wire Capacity

Steel Wire	.023 - 1/16 inch
Stainless Steel Wire	.030 - .045 inch
Aluminum Wire (with MHG5-B)	.025 - 3/64 inch
Bronze Wire	.030 - .035 inch
Flux Cored Wire (with options)	.030 - 1/16 inch
<i>Recommended Wire Size</i>	.035 inch

Wire Feeder

Input Voltage	28 volts AC
Wire Feed Speed Range	50 - 800 IPM

Shielding Gases

Steel Wire	CO2 or 75% ARGON-25% CO2
Stainless Steel	98% ARGON-2% O2
Aluminum, Bronze	Argon
Flux Cored	CO2 or 75% ARGON-25% CO2
Flux Cored - gasless	none (Straight Polarity)

MIG Torch

Neck Angle	60 degrees
Overall Length	12 feet
Cooling Method	gas
Rating - Duty Cycle	
with CO2	300 amps - 100% duty cycle
with CO2	350 amps - 60% duty cycle
with Argon/CO2	250 amps - 100% duty cycle
with Argon/CO2	300 amps - 60% duty cycle
Warranty Period	30 days on MIG Torch

Dimensions

Height	35-3/4 inches
Width	27-1/4 inches
Depth	34-1/2 inches
Weight	275 pounds

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