

HAND HELD AND ROBOTIC MIG GUNS



**HAND HELD
AND ROBOTIC
MIG GUNS
FROM 180
TO 500 AMP**

 LIGHTNING[®]
by AMERICAN TORCH TIP

H A N D H E L D G U N S

ATTC Makes Over 2500 MIG Gun Combinations. More Choices Than Any Other Company

American Torch Tip is well known for it's Lightning® brand of MIG torches with such benefits and features as:

- ❑ **Patented "Double Start" Taper Lock** contact tips that offer extended life.
- ❑ **Ergonomically designed handle** that is guaranteed for the life of the gun under normal operating conditions.
- ❑ **An easy pull trigger switch** to limit operator fatigue, also guaranteed for life under normal operating conditions.
- ❑ **A thick-walled gooseneck** made of copper tubing, clad in aluminum and designed to dissipate heat quickly and withstand the day-to-day abuse found in the typical welding environments. Also available is a gooseneck that can be rotated 360° and locked in any position, making it possible to weld in tight or awkward locations.

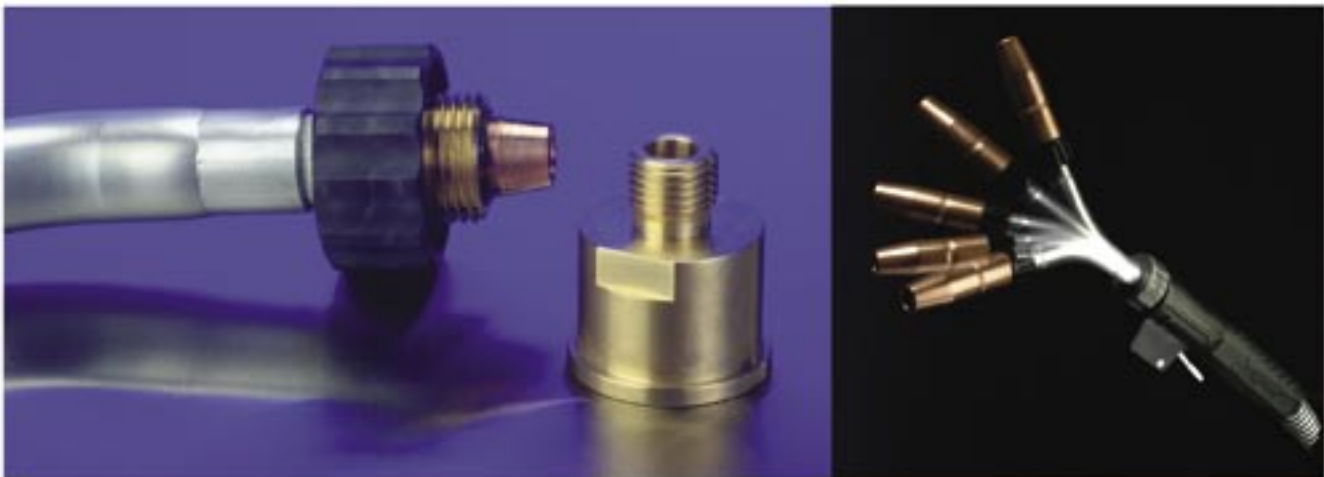
❑ **Interchangeability of front and back end parts** makes replacing parts easier and less costly.

ATTC inventories enough components to make over 2500 different guns ranging from 180 to 500 amps, all air cooled.

ATTC MIG guns fill a wide price range, from low cost guns to be used occasionally to higher priced, durable guns for industrial use.

One thing ATTC guns all have in common is ATTC manufactures and inventories all the parts. The company can assemble and ship most orders within 24 to 48 hours... worldwide. ATTC not only makes replacement parts for the guns we make, but also for all the major brands of MIG guns.

We are the **SuperSource** *



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AIR COOLED MIG GUNS FROM 180 TO 500 AMPS

1. ATTC no. 4-400 amp, no. 3-300 amp, no. 2- 200 amp and bernard style 350 amp guns.
- 2, 180 amp Bantam Lightning lightweight gun.
3. 400 amp heavy duty Lightning aircooled guns.
4. Special Lightning display packaging for our 400amp heavy duty gun.
- 6 Lightning gun showing quick change, locking gooseneck.



ROBOTIC GUNS... "FOR HARSH ENVIRONMENTS"

7. Lightning robotic gooseneck with heavy duty diffuser, double start contact tip and nozzle.
8. Standard Tregaskiss replacement gooseneck, diffuser, contact tip and nozzle for robotic gun.
9. Robotic gun assembly including mount.
10. Gun mount with clutch attachment and insulating disc.
11. Air and power cables.
12. Robotic torch body.



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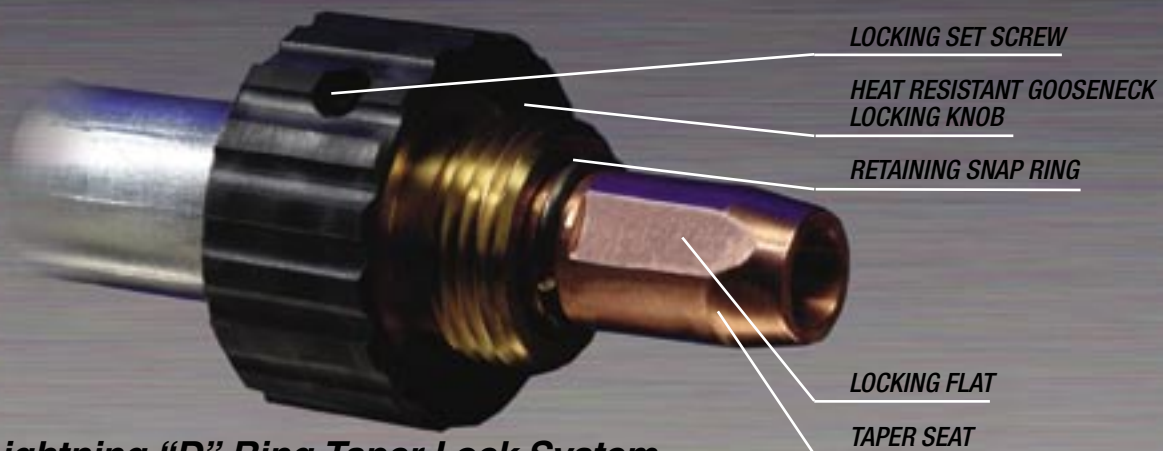
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The Lightning "D" Ring Taper Lock System
PATENT PENDING

R O B O T I C G U N S

Lightning... “The Guns For Harsh Environments”

A New Reliability In Robotic Guns

The ATTC Lightning 500 amp robotic MIG gun has been carefully designed and built to overcome potential problems such as downtime from part failure, faulty welds and change outs.

For these reasons, all the components have been made to operate in harsh environments and operate in high volume production environments. Excessive vibration, cable whip action, unexpected crashes and temperature fluctuations, require a robotic welding gun to be made to a higher standard. The Lightning Performance Standard.

“EasyChange” Gooseneck

The Lightning “EasyChange” gooseneck has been designed to make changing the gooseneck fast and simple without removing the gun from the mount. When installed, the unique TaperLock seating insures a tight, secure locking fit.

Accurate tolerances mean changes can be made with confidence. With the Lightning TaperLock System, the gooseneck is always aligned with the gun housing ensuring reliability and repeatability.

Lightning consumables are the other half of the performance package. The “Double Start” contact tip, the heavy duty robotic diffuser and nozzle, work in combination with the rest of the system to ensure reliable performance, minimizing down time and improving production.

Features & Benefits

1. Torch housing is manufactured of aircraft aluminum.
2. Aluminum jacketed gooseneck
3. EasyChange gooseneck
4. TaperLock seating system
5. Front end compatible with Tregaskiss
6. Full line of Patented Lightning replacement parts
7. Rapid order turnaround
8. Custom guns built to customer specification

Specifications

LIGHTNING 500 AMP AIR COOLED ROBOTIC MIG GUN

CABLE LENGTHS -

4' (1.2m), 4.5' (1.35m), 5' (1.5m), 6' (1.8m), 8' (2.4m), 10' (3.0m).
CUSTOM LENGTHS UPON REQUEST.

WIRE SIZES -

.030(8 mm), .035(0.9mm), .040(1.0mm), .045(1.2mm) 3/64(1.2mm), .052(1.3mm), 1/16(1.6mm), 5/64(2.0mm) 3/32 (2.4 mm).

GOOSENECK ANGLES -

180° - 22° - 45° - 60° CUSTOM TO SPECIFICATION

ADAPTERS -

AVAILABLE FOR MOST WIRE FEEDERS.

AMPERAGE RATING (Air Cooled)

LIGHTNING	100% DUTY CYCLE	60% DUTY CYCLE
	CO2 MIXED	CO2 MIXED
500 AMP	500 AMP 350 AMP	650 AMP 500 AMP



Need A Catalog?

ATTC Has Catalogs Available For The Asking. Plasma, Laser, MIG, TIG, Oxy-Fuel, Thermal Spray, Multi-Use And Of Course, Our Corporate Brochure And Price List.

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