



Air-Cooled Barrels

External Shielding & Gasless

D/F MACHINE SPECIALTIES
 1750 Howard Drive
 North Mankato, MN 56003
 Phone: (507) 625-6200
 Fax: (507) 625-6203

AIR-COOLED AUTOMATIC/ROBOTIC MACHINE BARREL WITH EXTERNAL SHIELDING

These Air-Cooled Machine Barrels with External Shielding are readily adaptable to mechanized or robotic welding. They are furnished completely assembled and ready for installation. The externally shielded torch has the feature of individual replaceable service connections to add to the durability and long life of the barrel assembly. Direct mounting is accomplished by connecting the torch to the welding head or wire drive using a feeder adapter. Different length extensions are available to extend the length of the torch as needed. Remote mounting is accomplished by an insulated mounting bracket, and utilizing a casing/conduit connected by an adapter to the torch and by a feeder adapter to the wire drive. Shielding gas is accommodated by a quick-disconnect vertical connection.

MODEL EXPLANATION

MAC-E - Machine, Air-Cooled, Collet Action (Slip-In Tip) - External Shielding
MAT-E - Machine, Air-Cooled, Threaded Tip - External Shielding

FEATURES

- 400 Amp CO₂, 260 Amp Argon Current Capacity - 1/0 Power Cable
- Heavy Duty Brass Inner Body
- Chrome Plated Brass Front End
- Heavy Duty Copper Gas Nozzle
- High Temperature Insulation

ORDERING INFORMATION (Complete Assemblies - External Shielding)

DESCRIPTION	CODE NO.						
	Barrel Only	3 Ft.	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.
MAC-E Slip-In Tip	12735 MAC-E35	19660 MAC-E60	19661 MAC-E61	19662 MAC-E62	19663 MAC-E63	19664 MAC-E64	19665 MAC-E65
MAT-E Threaded Tip	12741 MAT-E41	19666 MAT-E66	19667 MAT-E66	19668 MAT-E69	19669 MAT-E69	19670 MAT-E70	19671 MAT-E71



External Shielding

AIR-COOLED AUTOMATIC/ROBOTIC GASLESS BARREL

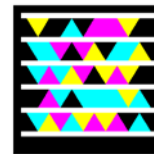
These Air-Cooled Gasless Machine Barrels are readily adaptable to mechanized or robotic welding. They are furnished completely assembled and ready for installation. The gasless torch has the feature of individual replaceable service connections to add to the durability and long life of the barrel assembly. Direct mounting is accomplished by connecting the torch to the welding head or wire drive using a feeder adapter. Different length extensions are available to extend the length of the torch as needed. Remote mounting is accomplished by an insulated mounting bracket, and utilizing a casing/conduit connected by an adapter to the torch and by a feeder adapter to the wire drive.

MODEL EXPLANATION

MAC-G - Machine, Air-Cooled, Collet Action (Slip-In Tip) - Gasless
MAT-G - Machine, Air-Cooled, Threaded Tip - Gasless

FEATURES

- Up to 400 amps
- Heavy Duty Brass Inner Body
- Chrome Plated Brass Front End
- High Temperature Insulation



ORDERING INFORMATION (Complete Assemblies - Gasless)

DESCRIPTION	CODE NO.						
	Barrel Only	3 Ft.	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.
MAC-G Slip-In Tip	12743 MAC-G43	19680 MAC-G80	19681 MAC-G81	19682 MAC-G82	19683 MAC-G83	19684 MAC-G84	19685 MAC-G85
MAT-G Threaded Tip	12742 MAT-G42	19674 MAT-G74	19675 MAT-G75	19676 MAT-G76	19677 MAT-G77	19678 MAT-G78	19679 MAT-G79



Gasless Torch

MODEL SPECIFICATIONS - CONTINUOUS DUTY CYCLE

Model	Current Capacity	Length	Body Diameter	Weight (approx.)	Recommended Wire Diameter Range	Instruction Manual
MAC-E/MAT-E	400 amp CO ₂ 260 amp Argon	8.625"	1.25"	2.3 lbs.	.030"-1/16" Hard/Cored	656MAC-E/MAT-E
MAC-G/MAT-G	400 amp	6.625"	1.25"	1.8 lbs.	.030"-1/16" Hard/Cored	657 Gasless

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