



Air-Cooled MIG Barrels

Robotic Straight

D/F MACHINE SPECIALTIES
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AIR-COOLED ROBOTIC MIG BARRELS

The Air-Cooled Series 400 Machine Barrels are readily adaptable to mechanized or robotic welding and are available in two standard lengths, long (12-5/8") and short (9-29/32"). The models MAC and MAT are furnished completely assembled and ready for installation. Both models have the feature of individual replaceable service connections with a removable cable/hose sheath to add to the durability and long life of the barrel assemblies. Remote mounting is accomplished by an insulated mounting bracket and utilizing a casing/conduit and an adapter to the wire drive. Throughout the years, Lincoln Electric® used D/F Machine Specialties MIG and TIG torches exclusively on FANUC® robots. The typical robotic cell included the Fanuc ArcMate® 100 robot models and the Lincoln Power Wave® 450 power supply.

MODEL EXPLANATION

MAC - Machine, Air-Cooled, Collet Action (Slip-In Tip)

MAT - Machine, Air-Cooled, Threaded Tip

FEATURES

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

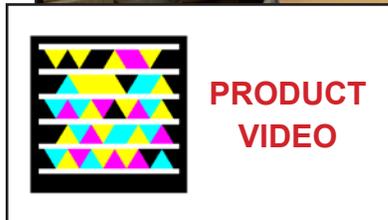
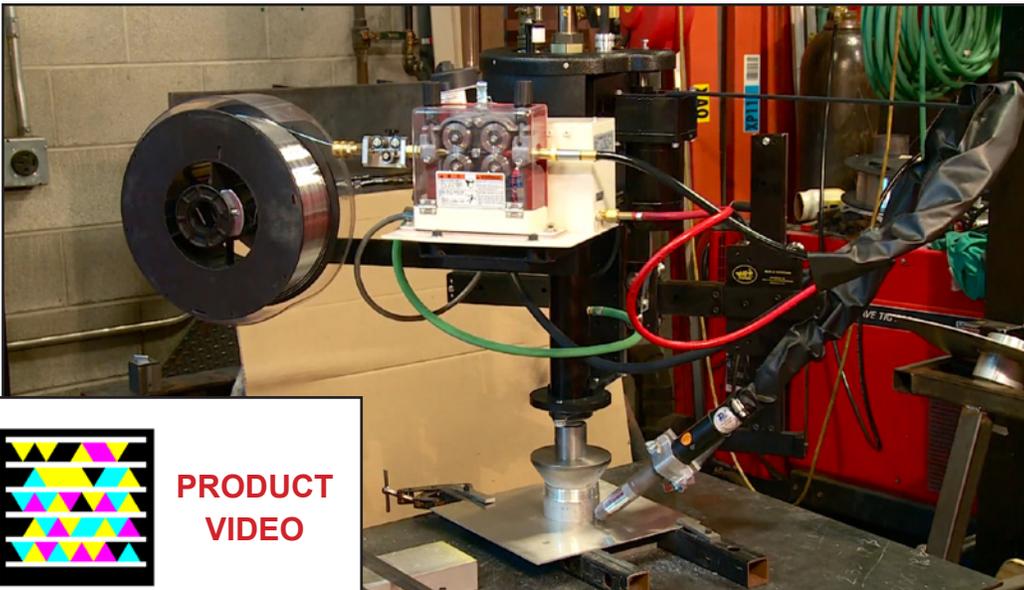
ORDERING INFORMATION (Complete Assemblies)

DESCRIPTION (LONG BARREL)	CODE NO.							
	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	10 Ft.	12 Ft.	15 Ft.
MAC Slip-In Tip	17810 MAC-4	17811 MAC-5	17812 MAC-6	17813 MAC-7	17814 MAC-8	17815 MAC-10	17816 MAC-12	17817 MAC-15
MAT Threaded Tip	17800 MAT-4	17801 MAT-5	17802 MAT-6	17803 MAT-7	17804 MAT-8	17805 MAT-10	17806 MAT-12	17807 MAT-15



D/F MAC-5, BUG-O® SYSTEMS CWE-5, & OTC® CMRE-741 WELDING 3/64" ALUMINUM

Check out the D/F Machine Specialties MAC-5 17811 Air-Cooled Barrel welding 3/64" Aluminum on the BUG-O® Systems CWE-5. The CWE-5 Circle Welder with Remote Control is designed for single or multipass welding of couplings or nozzles on pipe and vessels utilizing MIG or Flux Core process, with gas shield. The machine is equipped with its own wire feeder, rotation drive motor, rise and fall cam assembly and welding gun. Horizontal and vertical racking to position the torch and a 30 lb (14 kg) spool holder. OTC Daihen® is providing the DP400 power source and CMRE-741 4-roll wire feeder.



MODEL SPECIFICATIONS - CONTINUOUS DUTY CYCLE

Model	Current Capacity	Length	Upper Body Diameter	Lower Body Diameter	Weight (approx.)	Recommended Wire Diameter Range	Instruction Manual
MAC/MAT	400 amp CO ₂ 260 amp Argon	12.625"	1.625"	1.25"	2 lbs.	.030"-.062" Hard/Cored, 3/64"-1/16" AL	658AM

