



Pistol Grip MIG Guns

Air-Cooled Semi-Automatic

D/F MACHINE SPECIALTIES
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AIR-COOLED MIG PISTOL GRIP GUNS

The Air-Cooled MIG Pistol Grip Gun comes completely assembled and can be fitted with various nozzle combinations to suit different welding situations. The power cable, electrical, and gas services are replaceable. Wire casings are either a single piece type primarily for cored wire, or those with flexible (2-piece) casing and liner combinations for hard and soft wire. These air-cooled pistol guns are offered in several different models. The model PAC employs a slip-in tip fastened by a collet action nut. The model PAT accommodates a threaded current tip. Various front end nozzle body arrangements are offered to cover a broad range of applications. Conversion to the use of a particular nozzle body arrangement is easily accomplished by selecting the desired nozzle body and current tip adapter.

The air-cooled pistol gun assemblies operate on a current through 400 amperes with CO₂ and 260 amperes with argon, contingent on the front end nozzle body and current tip being used. The torch can use either threaded contact tips, or slip-in contact tips that are secured with a collet nut supplied with the torch. The contact tip can be quickly and easily replaced without removing the gas nozzle by loosening the collet nut a half turn with the collet wrench and removing the tip. Gun assemblies will accommodate a wire diameter range of .030" through .062". For larger size wires, higher amperages, long welds, high duty cycles, we recommend the D/F Water-Cooled MIG Pistol Grip Gun on page 5.

Each D/F gun is fully assembled and ready to install. In order to make the installation complete, the code number, wire size and type, wire feeder make/model (Lincoln®, Miller®, TWECO®, ESAB®, EURO, etc.), and feeder adapter inlet as needed must be specified when ordering.

MODEL EXPLANATION

PAC - Pistol, Air-Cooled Collet Action (Slip-in Tip)

PAT - Pistol, Air-Cooled Threaded Tip

FEATURES

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

ORDERING INFORMATION (Hard & Cored Wire)

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model PAC (Slip-In Tip)			
Nozzle Body 13197 w/ 1/0 Cable	17791	17792	17793
Model PAT (Threaded Tip)			
Nozzle Body 13197 w/ 1/0 Cable	17776	17777	17778



Optional Heat Shield
 D/F #14525

MODEL SPECIFICATIONS - CONTINUOUS DUTY CYCLE

Model	Current Capacity	Length	Weight (approx.)	Recommended Wire Diameter Range	Instruction Manual
PAC	400 amp CO ₂ 260 amp Argon	12.875"	2.5 lbs.	.030"-.062" Hard/Cored, 3/64"-1/16" AL	252
PAT	400 amp CO ₂ 260 amp Argon	12.875"	2.5 lbs.		252

