



Water-Cooled Machine Barrel

Automatic/Robotic Open Arc Gasless

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

WATER-COOLED AUTOMATIC/ROBOTIC GASLESS OVERLAY MACHINE BARREL

D/F is a leading provider of hard automation torches for impact and abrasion challenges and heavy steel fabrication in a wide range of industries. The D/F 850 amp model MWC-G-D Overlay Torch is an engineered solution for hardfacing, metal spray applications, and open arc cladding applications for high deposition multi-surfacing and rebuilding. It is used with single-head and multiple-head machines pushing large-diameter flux cored and metal cored wire that requires preheat and high amperages.

The gasless barrel features dual replaceable 650 Amp Water Out & Power Cables to add to the durability and long life of the barrel assembly. The MWC-G-D is primarily for hard/cored, metal cored, and flux cored wire diameters 7/64", 1/8", and 5/32" (2.8mm, 3.2mm, & 4mm). The open-arc machine barrel offers a design that accommodates threaded current tips with a tip adapter nut. The suggested current level would be approximately 850 amperes (depending on the application). Remote mounting is accomplished with an insulated mounting bracket and by utilizing a casing/conduit with an adapter to the wire drive.

MODEL EXPLANATION

MWC-G-D - Machine Water-Cooled - Gasless - Dual Water-Cooled Power Cables

FEATURES

- Heavy Duty Construction for Long Lasting Durability - Years vs. Months
- Withstands Extreme Conditions - 1000° Preheat, 850 Amps
- Water-Cooled Inner Body
- Increases Tip Life up to 7-to-1
- Optional #40597 Mounting Bracket (page 32) with Insulated Bushing for Remote Mounting

ORDERING INFORMATION (Complete Barrel Only)

DESCRIPTION	CODE NO.
Model MWC-G-D Overlay Machine Barrel	30390D

ORDERING INFORMATION (Complete Assembly)

DESCRIPTION										
Model MWC-G-D Overlay Machine Barrel Complete with Utilities										
2 Ft.	3 Ft.	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.	15 Ft.
30390D-2	30390D-3	30390D-4	-5	-6	-7	-8	-9	-10	-12	-15



MODEL SPECIFICATIONS - CONTINUOUS DUTY CYCLE

Model	Current Capacity	Length	Diameter of Body	Weight (approx.)	Cooling Required	Recommended Wire Diameter Range	Instruction Manual
MWC-G-D	850 amp Continuous Duty	14.5"	1.125"	3.4 lbs.	1 gallon/min	.045"-5/32"	MWC-G-D Gasless Overlay

