



Water-Cooled MIG Barrels

Robotic Docking Spool®/Weld Body Combination

D/F MACHINE SPECIALTIES
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WATER-COOLED ROBOTIC MIG DOCKING SPOOL®/WELD BODY COMBINATION BARRELS

The 500 amp Remote Mount Docking Spool®/Weld Body Combination accommodates two (2) different sizes and five (5) different lengths of water-cooled nozzle assemblies. Whether you are running steel, metal cored, or aluminum wire, the correct barrel can be chosen for a neat and clean installation, and for optimum performance for your application. This arrangement is readily adaptable to dedicated or robotic welding applications. The equipment consists of four (4) basic components: a Utility Station, an intermediate Utilities Combination assembly, a High Deposition Docking Spool®/Weld Body Combination, and a Water Cooled Nozzle Assembly. The Docking Spool®/Weld Body Combination is the principal component in this welding equipment arrangement. It accepts the utilities at the top end of the Docking Spool® and provides a means of accepting the water cooled nozzle at the lower end. Several features important to a welding system are provided. Incorporated within the water channels of the Docking Spool® are check valves which provide a means of retaining residual water in the lines when the nozzle assembly is removed from the Docking Spool®/Weld Body Combination. In addition a Posit® Ring is provided at the upper end of the Docking Spool® which allows positive location in a mounting bracket to maintain dimensional stability.

MODEL EXPLANATION

- NCM** - Normal Duty, Collet Action (Slip-in Tip), Machine Barrel
- NCM-A** - Normal Duty, Collet Action (Slip-in Tip), Machine Barrel - Series A High Capacity
- HTM** - Heavy Duty, Threaded Tip, Machine Barrel
- HTM-A** - Heavy Duty, Threaded Tip, Machine Barrel - Series A High Capacity

FEATURES

- Water-Cooled Docking Spool® Body & Nozzle
- Small Frontal Area for Hard-to-Reach Locations
- Two (2) Different-Size W/C Nozzle Assemblies for Numerous Gas Cup IDs (7/16"-1")
- Nozzle Length may be Extended by Five (5) Different-Length W/C Nozzle Assemblies
- Withstands Preheat Upwards of 900 Degrees

ORDERING INFORMATION (Complete Assemblies)

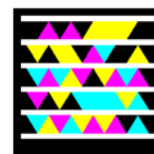
DESCRIPTION	CODE NO.	
	NCM	HTM
Standard W/C Nozzle		
Short 3"	40190	40205
Intermediate 4"	40191	40206
Long 5"	40192	40207
Long 8"	40750	40740
Long Reach 11"	40193	40208
Series A W/C Nozzle		
Short A3"	40195	40210
Intermediate A4"	40196	40211
Long A5"	40752	40742
Long A8"	40751	40741
Long Reach A11"	40197	40212

Add Footage Digit to Code Number for Utility Length Required.
Example: Require 40750 with 4 Ft. Utilities - 40750-4



MODEL SPECIFICATIONS - CONTINUOUS DUTY CYCLE

Model	Current Capacity	Length w/ 3" Noz.	W/C Nozzle Diameter	Weight (w/out Utilities)	Cooling Required	Recommended Wire Diameter Range	Instruction Manual
NCM, NCM-A	400 amp	7.25"	1.125"/1.445"	2.5-4.5 lbs.	2.5 quarts/min	.030"-1/8" Hard/Cored, 3/64"-3/32" AL	530
HTM, HTM-A	500 amp	7.25"	1.125"/1.445"	2.5-4.5 lbs.	2.5 quarts/min		530



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