Belmont SY-M-2535 Manual CNC High Speed EDM Drill

Features

One Button Cycle Start
Automatically the electrode will detect the surface, set zero, start the high pressure pump, ramp up cutting power, cut to depth, and retract

Programmable Wear Compensation Percentage
Retracts the electrode to a safe position after each cycle

Audible Edge Finding and Automatic Center Calculation
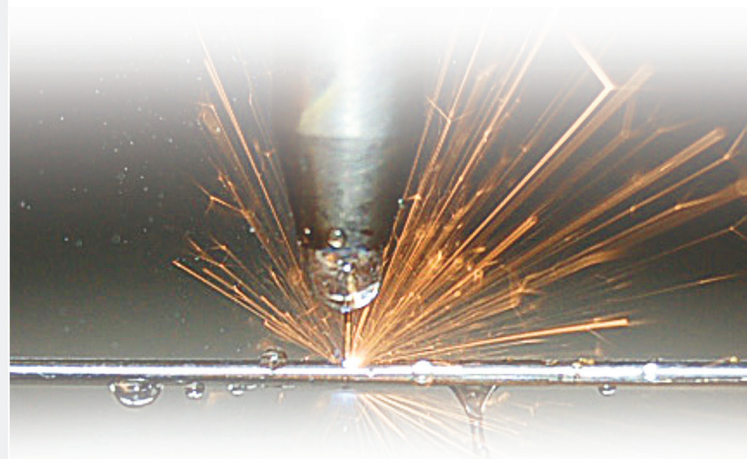Setups are easier and eliminates calculation errors

Soft Spark
Gradually increases amperage to improve stability and hole quality

Auxiliary I/O
Ability to integrate ancillary devices such as rotary tables, indexers, and work piece handling systems

Linear Glass Scales with 5 Micron Resolution
Provides true, closed loop, position feedback for precise part positioning accuracy

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EQUIPMENT & TECHNOLOGIES
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Belmont SY-M-2535 Manual CNC High Speed EDM Drill Specifications

		SY-M-2535 MANUAL	
TRAVEL	**X AXIS**	**13.7"**	(350 mm)
	Y AXIS	**9.8"**	(250 mm)
	BACK SLIDE	**7.8"**	(200 mm)
	GUIDE HEIGHT ADJUSTMENT [1]	**5.9"**	(150 mm)
	Z AXIS	**15.7"**	(400 mm)
OPEN HEIGHT *	**MINIMUM**	**0.4"**	(60 mm)
	MAXIMUM	**8.2"**	(210 mm)
WORK TABLE	**WIDTH**	**23.6"**	(600 mm)
	DEPTH	**11.8"**	(300 mm)
WORK PAN	**WIDTH**	**27.9"**	(710 mm)
	DEPTH	**20.4"**	(520 mm)
WEIGHT CAPACITY	**ON WORK TABLE**	**880 lb.**	(400 kg.)
GENERATOR	**MAXIMUM AVERAGE CURRENT**	**30 A, 6 settings**	
	ON AND OFF TIME	**10 settings for each**	
	CAPACITORS	**8 settings, 0 to 1.8 µF**	
FLOOR SPACE AND WEIGHT	**WIDTH**	**43"**	(109 cm)
	DEPTH	**43"**	(109 cm)
	HEIGHT	**80"**	(203 cm)
	WEIGHT	**1,860 lb.**	(845 kg.)
ENVIRONMENTAL	**ROOM TEMPERATURE**	**68 to 77˚F**	(20 to 25˚C)
	RELATIVE HUMIDITY	**40% to 55%**	
UTILITIES	**ELECTRICAL**	**220VAC ±10%, 3 PHASE, 60 Hz, 3.5 KVA**	
	AIR	**-**	

Note 1: Adjusting the guide height to increase open height will reduce the usable electrode length   * Open Height is measured from the tip of a standard guide.

Illustrations and specifications herein are not binding in detail. Belmont Equipment & Technologies reserves the right to modify and make improvements to these specifications without notice.

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