



BELMONT

EQUIPMENT & TECHNOLOGIES

Divisions of Cleary Developments, Inc.

"Everything for EDM"

Maxicut S-150T CNC High Speed EDM Drill

Features

- **Integrated Tilting Drill Head**
Programmable with $\pm 45^\circ$ of travel that allows complete part machining in a single setup
- **On Board Technology**
Proven machine parameters are built in for different work piece materials
- **Programmable Wear Compensation**
Retracts the electrode to a safe position after each cycle
- **Soft Spark**
Gradually increases amperage to improve stability and hole quality
- **Onboard Storage of EDM Parameters**
Allows the storage of up to 500 different sets of EDM conditions
- **Auxiliary I/O**
Ability to integrate ancillary devices such as rotary tables, indexers, and work piece handling systems
- **Linear Glass Scales with 1 Micron Resolution**
Provides true, closed loop, position feedback for precise part positioning accuracy
- **FC-35 Grade Casting**
High quality cast iron for increased rigidity and work piece capacity
- **External Data Transfer**
Transfer programs with a USB memory stick or across a network using Ethernet



Call 800-356-4811 or visit us on the web at www.belmont4edm.com



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Maxicut S-150T CNC High Speed EDM Drill Specifications

S-150-T CNC		
TRAVEL	X AXIS	23.6" (600 mm)
	Y AXIS	19.6" (500 mm)
	W AXIS	27.5" (700 mm)
	Z AXIS	13.7" (350 mm)
	TILT ROTATION	+/- 45° from vertical
OPEN HEIGHT *	MINIMUM	3.3" (85 mm)
	MAXIMUM	30.9" (785 mm)
WORK TABLE	WIDTH	31.4" (800 mm)
	DEPTH	25.5" (650 mm)
WORK PAN	WIDTH	46.4" (1,180 mm)
	DEPTH	46.4" (1,180 mm)
WEIGHT CAPACITY	ON WORK TABLE	5,000 lb. (2,270 kg.)
GENERATOR	MAXIMUM AVERAGE CURRENT	30 A
	ON AND OFF TIME	1 to 4000 µs
	CAPACITORS	0 to 1.8 µF
FLOOR SPACE AND WEIGHT	WIDTH	68" (173 cm)
	DEPTH	90" (229 cm)
	HEIGHT	134" (340 cm)
	WEIGHT	8,140 lb. (3,700 kg.)
ENVIRONMENTAL	ROOM TEMPERATURE	68 to 77°F (20 to 25°C)
	RELATIVE HUMIDITY	40% to 55%
UTILITIES	ELECTRICAL	220VAC ±10%, 60 Hz, 3.5 KVA
	AIR	-

* 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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