



BELMONT
EQUIPMENT & TECHNOLOGIES
Divisions of Cleary Developments, Inc.

"Everything for EDM"

Astec A66 CNC High Speed EDM Drill

Features

- **On Board Technology**
Proven machine parameters are built in for different work piece materials
- **Password Protected Settings**
The program can be password protected to prevent unauthorized changes
- **Automatic Electrode Management**
At the start of a hole the electrode is checked for sufficient length to complete the hole
- **Automatic Electrode Stabilizer**
Moves automatically to provide extra support for long electrodes
- **Linear Glass Scales with 0.5 Micron Resolution**
Provides true, closed loop, position feedback for precise part positioning accuracy
- **Hand Pendant for Remote Operation**
Machine functions are more accessible to the operator during set up
- **Integrated Rotary and Tilt/Rotary Tables (optional)**
Programmable tilt and rotary systems for complex parts requiring multi axis positioning
- **Break Through Detection (optional)**
Ensures a complete hole or helps to eliminate back wall strikes
- **Shaped Hole Technology (optional)**
Fabrication system for electrode development
- **Automatic Electrode Changer (optional)**
The 24-position carousel allows for unattended operation
- **Automatic Guide Changer (optional)**
The 8-position carousel can change guides up to 6" in length
- **Optical Inspection System (optional)**
High resolution video camera can measure hole size, verify position, and locate datum points for part programs



Model shown with optional electrode changer, and optional tilt rotary table.

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



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Astec A66 CNC High Speed EDM Drill Specifications

		A66 CNC	A66 CNC/AEC/AGC
TRAVEL	X AXIS	25.5" (650 mm)	25.5" (650 mm)
	Y AXIS	25.5" (650 mm)	25.5" (650 mm)
	W AXIS	19.6" (500 mm)	19.6" (500 mm)
	Z AXIS	25.9" (660 mm)	25.9" (660 mm)
OPEN HEIGHT *	MINIMUM	5.9" (150 mm)	5.9" (150 mm)
	MAXIMUM	25.5" (650 mm)	25.5" (650 mm)
OPEN HEIGHT TO TILT ROTARY TABLE * **	MINIMUM	0.0" (0 mm)	0.0" (0 mm)
	MAXIMUM	18.8" (480 mm)	18.8" (480 mm)
WORK TABLE	WIDTH	27.1" (690 mm)	27.1" (690 mm)
	DEPTH	28.7" (730 mm)	28.7" (730 mm)
WORK PAN	WIDTH	33.0" (840 mm)	33.0" (840 mm)
	DEPTH	38.3" (975 mm)	38.3" (975 mm)
WEIGHT CAPACITY	ON WORK TABLE	1,100 lb. (500 kg.)	1,100 lb. (500 kg.)
	ON TILT ROTARY TABLE **	60 lb. (27 kg.)	60 lb. (27 kg.)
GENERATOR	MAXIMUM AVERAGE CURRENT	40 A	40 A
	ON AND OFF TIME	1 to 999 μ s	1 to 999 μ s
	CAPACITORS	0 to 1.7 μ F	0 to 1.7 μ F
AUTOMATIC ELECTRODE AND GUIDE CHANGER	AEC POSITIONS	-	24
	AGC POSITIONS	-	8
ENVIRONMENTAL	ROOM TEMPERATURE	68 to 77°F (20 to 25°C)	68 to 77°F (20 to 25°C)
	RELATIVE HUMIDITY	40% to 55%	40% to 55%
UTILITIES	ELECTRICAL	220VAC \pm 10%, 60 Hz, 4.5 KVA	220VAC \pm 10%, 60 Hz, 4.5 KVA
	AIR	70 PSI @ 1 CFM (5 BAR @ 1.7 CMH)	70 PSI @ 1 CFM (5 BAR @ 1.7 CMH)

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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