



**BELMONT**  
**EQUIPMENT & TECHNOLOGIES**  
Divisions of Cleary Developments, Inc.

"Everything for EDM"

## Astec A34 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



Call 800-356-4811 or visit us on the web at [www.belmont4edm.com](http://www.belmont4edm.com)



**BELMONT**  
**EQUIPMENT & TECHNOLOGIES**  
 Divisions of Cleary Developments, Inc.

"Everything for EDM"

## Astec A34 CNC High Speed EDM Drill Specifications

		A34 CNC		A34 CNC/AEC/AGC	
<b>TRAVEL</b>	X AXIS	11.8"	(300 mm)	11.8"	(300 mm)
	Y AXIS	15.7"	(400 mm)	15.7"	(400 mm)
	W AXIS	12.2"	(310 mm)	12.2"	(310 mm)
	Z AXIS	17.3"	(400 mm)	17.3"	(400 mm)
<b>OPEN HEIGHT *</b>	MINIMUM	4.3"	(110 mm)	4.3"	(110 mm)
	MAXIMUM	16.5"	(420 mm)	16.5"	(420 mm)
<b>OPEN HEIGHT TO TILT ROTARY TABLE * **</b>	MINIMUM	0.0"	(0 mm)	0.0"	(0 mm)
	MAXIMUM	9.8"	(250 mm)	9.8"	(250 mm)
<b>WORK TABLE</b>	WIDTH	15.7"	(400 mm)	15.7"	(400 mm)
	DEPTH	19.2"	(490 mm)	19.2"	(490 mm)
<b>WORK PAN</b>	WIDTH	21.6"	(550 mm)	21.6"	(550 mm)
	DEPTH	28.9"	(735 mm)	28.9"	(735 mm)
<b>WEIGHT CAPACITY</b>	ON WORK TABLE	660 lb.	(300 kg.)	660 lb.	(300 kg.)
	ON TILT ROTARY TABLE **	60 lb.	(27 kg.)	60 lb.	(27 kg.)
<b>GENERATOR</b>	MAXIMUM AVERAGE CURRENT	40 A		40 A	
	ON AND OFF TIME	1 to 999 $\mu$ s		1 to 999 $\mu$ s	
	CAPACITORS	0 to 1.7 $\mu$ F		0 to 1.7 $\mu$ F	
<b>AUTOMATIC ELECTRODE AND GUIDE CHANGER</b>	AEC POSITIONS	-		24	
	AGC POSITIONS	-		8	
<b>FLOOR SPACE AND WEIGHT</b>	WIDTH	61"	(155 cm)	76"	(155 cm)
	DEPTH	72"	(185 cm)	72"	(185 cm)
	HEIGHT	103"	(260 cm)	103"	(260 cm)
	MACHINE TOOL WEIGHT	2,530 lb.	(1,150 kg.)	3,520 lb.	(1,600 kg.)
<b>ENVIRONMENTAL</b>	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%	
<b>UTILITIES</b>	ELECTRICAL	220VAC $\pm$ 10%, 3 PHASE, 60 Hz, 4.5 KVA		220VAC $\pm$ 10%, 3 PHASE, 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.

### SERVING ALL OF NORTH AMERICA | ISO 9001: 2008

**Headquarters/MI**  
 P.O. Box 71013  
 32055 Edward Avenue  
 Madison Heights, MI 48071  
 Phone (800) 356-4811  
 Fax (800) 486-4336  
 Fax (800) 441-4336

**New England**  
 665 Prospect Street Suite 8  
 Chicopee, MA 01020  
 Phone (866) 468-9611  
 Fax (413) 536-5683

**Central/IL**  
 840 Eagle Drive  
 Bensenville, IL 60106  
 Phone (877) 860-9602  
 Fax (630) 860-9604

**Southeastern**  
 797 Locust Street  
 Hendersonville, NC 28792  
 Phone (800) 799-0786  
 Fax (828) 654-9612

**Mountain/Pacific**  
 1011 Segovia Circle  
 Placentia, CA 92870  
 Phone (800) 394-4993  
 Fax (800) 441-4336