

6AXIS Fast Hole EDM

FH40 Machine

Large Work Envelope for:

Blades | Vanes | Seals
Nozzles | Transition Ducts

Featuring

Micropulse Technology

Virtually Eliminates Microcracking
and Recast Layer

Breakthrough Technology

Eliminates Backstriking

Diffuser Shape Technology

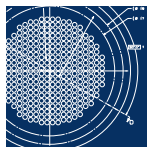
The Ability to Create Shaped Holes



AEROSPACE



POWER-GEN



SEMICONDUCTOR

Beaumont Machine develops technologies, provides services and produces solutions for customers in a variety of industries. Determined to design, manufacture and distribute the most advanced EDM systems, Beaumont Machine is the innovator of Fast Hole EDM.

FH40Machine

Specifications

Electrode Capability	24"
Electrode Diameter	0.012" - 0.750"
Rapid Speed	400 in/min
Feed Back	Absolute Encoders and Glass Scales
Spindle Speed	3000RPM
X, Y, Z axis travel	40" x 22" x 26"
Filtration System	150 gallon DI system
Max Work Piece Weight	2500 lbs.
Max Work Piece Height (Z)	22" w/o riser
Table Size (X & Y)	45" x 24"

Power Supply

Output Amperage	up to 65 amps continuous
Amperage Settings	1 amp increments
Capacitance range	0 - 8.95 mf

Options

Auto Electrode Changer	Fanuc Robot Tool Changer
Guide Changer	Fanuc Robot Tool Changer
Workpiece probing for positioning accuracy	
Slot Technology	
Diffuser Shape Technology	
Depth Tracking	
Crash Protection	

Available Safety Enclosure

Fully enclosed *depending on configuration
Limit switches, and covers,
electrical components meet NFPA 70 & 79
CSA, CE, UL Compliant

Other Specifications

Controls	Fanuc
G, M codes	
Depth Control	
Breakout Detection	
Data Pages	100
Modify power settings on the fly	
Machine weight	20,000 lbs
Warranty	1 year parts and labor
Training	3 days standard

