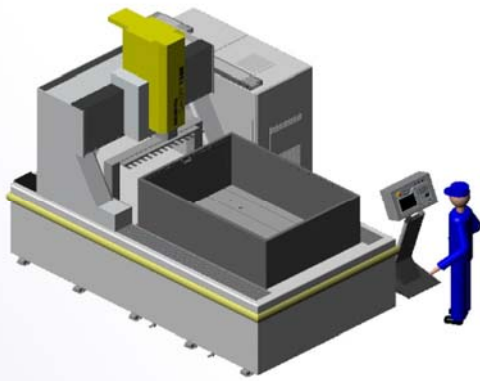


GANTRY 1200

EDM-machine with portal design



- Long travels and a small footprint maximize floorspace/range
- Axis travels: X 39.4" x Y 59.0" x Z 25.6"
- 4-sided drop tank provides clear access for large part loading
- Best accessibility for loading and setup by Gantry design
- Integrated dielectric system in machine base
- Oil follows tank height, no separate fill and drain time
- Integrated C-axis provides the ultimate in heavy duty EDMing
- 15-position linear ATC standard (30 or 50 position rotary optional)

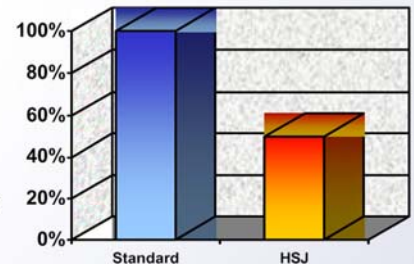


The Gantry 1200 provides a flexible and future-orientated solution for the EDM tasks of the tool and mold industry.

HSJ-Technology High-Speed Jump

With the HSJ-Technology, Ingersoll provides increased EDM performance especially with complex and difficult applications.

Scientific testing has led to a new drive and technology concept which reduces the production time by as much as 50% in difficult jobs like deep rib applications.



This technology maintains the highest levels of security even while running unmanned no-flush type burns.

Rotation With Precision The C-Axis

Precision, stability and reliability are the characteristics of the new C-axis. A strong brake holds the C-axis position against machining forces. The rugged drive enables to turn even bigger electrodes safely into position. Clamping chucks of different manufacturers are accepted.



Drives Highest Precision

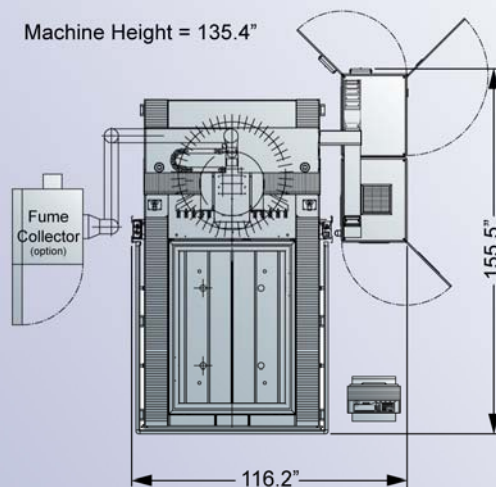
The High-Performance Servo-System accelerates the Z-axis with 0.8 G to an interval-speed of more than 10m/min. A specially designed ball screw along with an optimized lubrication and cooling system were developed to maintain reliability. An improved measuring system in the Z-axis was developed to ensure high precision and long life of the machine components providing premium results for all EDM applications.




GANTRY 1200 Technical Specifications

Axis Travels (X x Y x Z)	in	39.3 x 59.0 x 25.6
Worktank Internal Dimensions (W x D x H)	in	50.0 x 69.7 x 26.8
Max Dielectric Fluid Level	In	25.2
Table Dimensions (W x D)	in	64.5 x 44.9
Max Workpiece Weight	lb	16,534
Max Electrode Weight	lb	660
Table to Ram Platen Distance min/max	in	5.9 / 31.5
Rapid Travel Speed (in/min)	in	78.7
Machine Install Dim (W x D x H)	in	116.1 x 153.5 x 135.8
Machine System Weight (wet)	lb	33,069
Fluid System Capacity	gal	740
Filtering Method/ Size	Sq/ft	Paper Cartridge 215
ATC Standard (Linear)	pos	15
ATC Optional (Rotary)	pos	30 or 50
C-Axis RPM (Adjustable)	RPM	1 ~ 20
Max Single Electrode Weight	lb	33
Max Total Load ATC	lb	220
Min Indexing Angle	Deg	0.001
Power Supply Peak Current STD (optional)	AMPs	80 (120)
Required 3-Phase	V	400
Current Draw Continual Load	kVA	17.4
Automatic Lubrication System		Standard

Machine Height = 135.4"



THE MITSUBISHI EXPERIENCE

 **MITSUBISHI EDM**

MC Machinery Systems, Inc.

1500 Michael Dr. - Wood Dale, IL 60191

www.mitsubishi-world.com

phone: 630-616-5920 fax: 630-616-4068