Wire-cut EDM Systems & NC-EDM Systems

Die-sinking EDMs
A series of models introduces new functions that support efficient machining of high-precision dies and mold parts. Mitsubishi Electric has long been a key player in the world of EDM technology, and our complete line of EDM systems and solutions offers the ideal combination of high accuracy and high productivity to achieve optimal results.

NC-EDM Systems
A variety of models are available, from compact models for high-precision machining to large machines for high-speed automation. Mitsubishi Electric’s NC-EDM systems feature high performance, high productivity, and high flexibility, making them ideal for a wide range of applications.

Wire-cut EDM Systems
Mitsubishi Electric offers a wide range of wire-cut EDM systems, including the MA Series, EA Series, and UA Series. These systems are designed to meet the needs of different industries and applications, including die-casting, mold making, and medical device production.

Materials
Wire-cut EDM systems are widely used in the manufacturing of molds, dies, and parts, including electronic components, automotive parts, and medical devices. These systems are capable of producing high-precision parts with exceptional surface finish and dimensional accuracy.

Advantages
Wire-cut EDM systems offer several advantages over traditional machining methods, including high precision, high productivity, low tool wear, and the ability to machine complex shapes that are difficult or impossible to produce using other methods.

Applications
Wire-cut EDM systems are used in a wide range of industries, including automotive, aerospace, electronics, and medical device manufacturing. They are particularly useful for applications that require high precision and complex shapes, such as molds and dies for injection molding, medical device components, and electronic components.

Conclusion
Wire-cut EDM systems are a powerful and versatile technology that offers a wide range of benefits for manufacturers looking to improve productivity, reduce costs, and produce high-quality parts. Mitsubishi Electric offers a comprehensive range of wire-cut EDM systems to meet the needs of different industries and applications.
<table>
<thead>
<tr>
<th>Model</th>
<th>Machine travels [mm/in]</th>
<th>Max. workpiece dimensions [mm/in]</th>
<th>Max. workpiece weight [kg/lb]</th>
<th>Max. electrode weight [kg/lb]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA05S ADVANCE</td>
<td>PA20 ADVANCE</td>
<td>PA10 ADVANCE</td>
<td>PA ADVANCE</td>
<td>PA ADVANCE</td>
</tr>
<tr>
<td>1500/3300</td>
<td>1050/41.3</td>
<td>1500/3300</td>
<td>1050/41.3</td>
<td>1500/3300</td>
</tr>
<tr>
<td>1000/2200</td>
<td>410/16.1</td>
<td>1000/2200</td>
<td>410/16.1</td>
<td>1000/2200</td>
</tr>
<tr>
<td>1100/2400</td>
<td>450/17.7</td>
<td>1100/2400</td>
<td>450/17.7</td>
<td>1100/2400</td>
</tr>
</tbody>
</table>

* The machining accuracy follows the Mitsubishi Electric machining conditions.