### Outstanding operability
- 15-inch LCD touch panel
- Machining conditions search
- Shape expert, X-top compatible machining conditions

### High-accuracy technology perfect for ultra-precise machining
- Standard thermal displacement compensation function minimizes the accuracy during long-term machining.
- Maintains high accuracy during setup with the fluid circulation function and high-accuracy positioning function.
- C-axis equipped with a linear scale as standard equipment (option for X-axis).

### New high-speed FP-V power supply
- Machining speed and electrode wear are both improved.
- Circuit for forgetting, special machining is standard equipment.
- Optimized machining technology modules low-speed machining using graphite electrode.
- Energy-saving power supply is standard equipment (10% reduction compared to Mitsubishi Electric FP-V power supply).

### Produce fine finishes
- Standard granite table (EAMA).
- Easy-to-paint fine-mold surface machining.
- Machine narrow pitch connectors using the narrow gap circuit.

### Advanced machining control
- Stabilized machining and increased speed with SS JUMP 3.

### Improved setup workability
- The three-sided drop tank improves access for work setup.
- Adjustable fluid flow rates increase the range of no-flush machining.

### Maintenance
- Maintenance space has been arranged at the back of the machine to improve workability.
- A long-life filter is incorporated.

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### Machine unit (Standard specifications)

<table>
<thead>
<tr>
<th>Specification</th>
<th>EA8A</th>
<th>EA12A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option weight</td>
<td>360 kg</td>
<td>620 kg</td>
</tr>
<tr>
<td>Axis travel</td>
<td>1200 mm</td>
<td>1800 mm</td>
</tr>
<tr>
<td>Specifics</td>
<td>233 x 473</td>
<td>315 x 500</td>
</tr>
<tr>
<td>Moving speed</td>
<td>1000 mm/min</td>
<td>1000 mm/min</td>
</tr>
<tr>
<td>Moving dimension</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Fluid feed force settings</td>
<td>14-40</td>
<td>14-40</td>
</tr>
<tr>
<td>Dimensional accuracy</td>
<td>100 x 160</td>
<td>160 x 160</td>
</tr>
<tr>
<td>Material</td>
<td>Steel</td>
<td>Steel</td>
</tr>
<tr>
<td>Tool holder</td>
<td>200 mm</td>
<td>200 mm</td>
</tr>
<tr>
<td>Servo valve (Nema4)</td>
<td>180 MOPA</td>
<td>220 MOPA</td>
</tr>
<tr>
<td>Servo valve (Nema5)</td>
<td>270 MOPA</td>
<td>330 MOPA</td>
</tr>
</tbody>
</table>

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### Distance between table and electrode mounting surface

<table>
<thead>
<tr>
<th>Specification</th>
<th>EA8A</th>
<th>EA12A</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-axis (mm)</td>
<td>158-400</td>
<td>175.5-425</td>
</tr>
<tr>
<td>Normal (mm)</td>
<td>21-41</td>
<td>25-41</td>
</tr>
<tr>
<td>Normal (mm)</td>
<td>250.5-400</td>
<td>295-415</td>
</tr>
<tr>
<td>Axial (mm)</td>
<td>130-405</td>
<td>152.5-405</td>
</tr>
<tr>
<td>Axial (mm)</td>
<td>272.5-407</td>
<td>318-498</td>
</tr>
</tbody>
</table>