X7i-FDH22R-45H5G2R

Automatic grinding machine for small and medium sized castings.

Features
● Improved grinding capability by equipping with main & 2 auxiliary tool heads.
● Rotating main & auxiliary tool heads.
● Suitable for the finishing of complex shape castings.
● Main tool-head now powered by servomotor for improved efficiency.

Outline of specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Max. machinable size</td>
<td>Φ500×H350, 30kg (*Load capacity is within 50kg)</td>
</tr>
<tr>
<td>Main tool-head</td>
<td>Diamond wheel Φ355×T12×Φ80</td>
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<tr>
<td>Main tool-head driving motor</td>
<td>4.5Kw (AC servomotor drive)</td>
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<tr>
<td>Auxiliary tool-head driving motor</td>
<td>2.2Kw × 2sets (High speed type, Inverter drive)</td>
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<td>Wheel tilt for max.</td>
<td>130° (NC control drive)</td>
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<tr>
<td>Control driving motor, Number of NC axis</td>
<td>7 axes AC servo controlled by NACR</td>
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<tr>
<td>Overall dimensions</td>
<td>W1850×D2745×H2303</td>
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<tr>
<td>Weight</td>
<td>2250kg</td>
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</tbody>
</table>

*Load capacity includes casting, fixture, and fixture palette.
**X7i-FDH22R-45H5G2R**

**Features**
1. Improved grinding capability by loading 2 kinds of small tools.
2. Small footprint.
3. One operator can perform multiple machine operations.
4. Program creation is simple and easy.
5. Simple operation with high function.
6. Quick change - less than 5 min. to change fixtures, programs and tools.
7. Diamond tool saves operation cost and dust generation.
8. High speed and efficient processing enables productivity and a higher finishing quality of product.

**Object example**

Subject material: FC, FCV, FCD, BC-6, ADC, others

- Exhaust Manifold: 30 sec / piece
- Differential Case: 24 sec / piece
- Differential Carrier: 24 sec / piece
- Rotor: 40 sec / piece
- Gear Box: 24 sec / piece
- Axle case: 40 sec / piece
- Water Pump: 37 sec / piece
- Cylinder Head: 27 sec / piece

*The grinding tact times are for reference only, not guaranteed values.

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**Inquiry**

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