Higher accuracy produces greater profitability.
BIG PERFORMANCE

12 ton

∅2050mm swing diameter

24 m/min
Double feed system with quill spindle and column feed

The characteristic diagram shows rated output for 30 minutes.
Selectable spindle

It is possible to select spindle fixed type according to purpose of usage.

SPINDLE POWER & TORQUE DIAGRAM

This characteristic diagram shows rated output for 30 minutes.

Type: SA50-10000-22

Spindle speed (min⁻¹)

Spindle power (kW)

Spindle torque (N·m)

Type: SA50-6000-22

Spindle speed (min⁻¹)

Spindle power (kW)

Spindle torque (N·m)

In machining on hardened materials, high helix angle end mill machining, back face milling, etc.
Twin ball screws for all axes (X/Y/Z axes)
Highly rigid main components supporting high speed highly accurate machining of large work pieces.

COLUMN

BED

90mm 40mm
Reliable mechanism controlling thermal distortions
Conic couplings for pallet chucking

Conic couplings are used to control the position and orientation of pallets in a machine tool. They provide accurate and precise positioning, which is essential for high-precision manufacturing processes. The conic design ensures smooth and consistent contact between the pallet and the chuck, minimizing wear and tear over time. These couplings are often used in automated production lines to ensure that parts are accurately positioned for further processing. The use of conic couplings can lead to increased efficiency and reduced downtime, contributing to overall productivity in manufacturing environments.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th><strong>Pump Model</strong></th>
<th><strong>YASDA MPS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>1.5 kW/1.5 HP</td>
</tr>
<tr>
<td><strong>Rated Flow</strong></td>
<td>24 l/min</td>
</tr>
<tr>
<td><strong>Rated Pressure</strong></td>
<td>10.0 MPa</td>
</tr>
<tr>
<td><strong>Inlet Size</strong></td>
<td>1/2&quot; NPT</td>
</tr>
<tr>
<td><strong>Outlet Size</strong></td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>30 kg</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>300 x 250 x 400 mm</td>
</tr>
</tbody>
</table>

*Note: All specifications are subject to change without notice.*
OUT LINE

YBM15T

YASDA PRECISION TOOLS K.K.

YASDA PRECISION AMERICA CORPORATION

* 本資料は、製造元の技術資料に基づき作成されたものです。既製品の詳細を確認する際は、製造元にお問い合わせください。