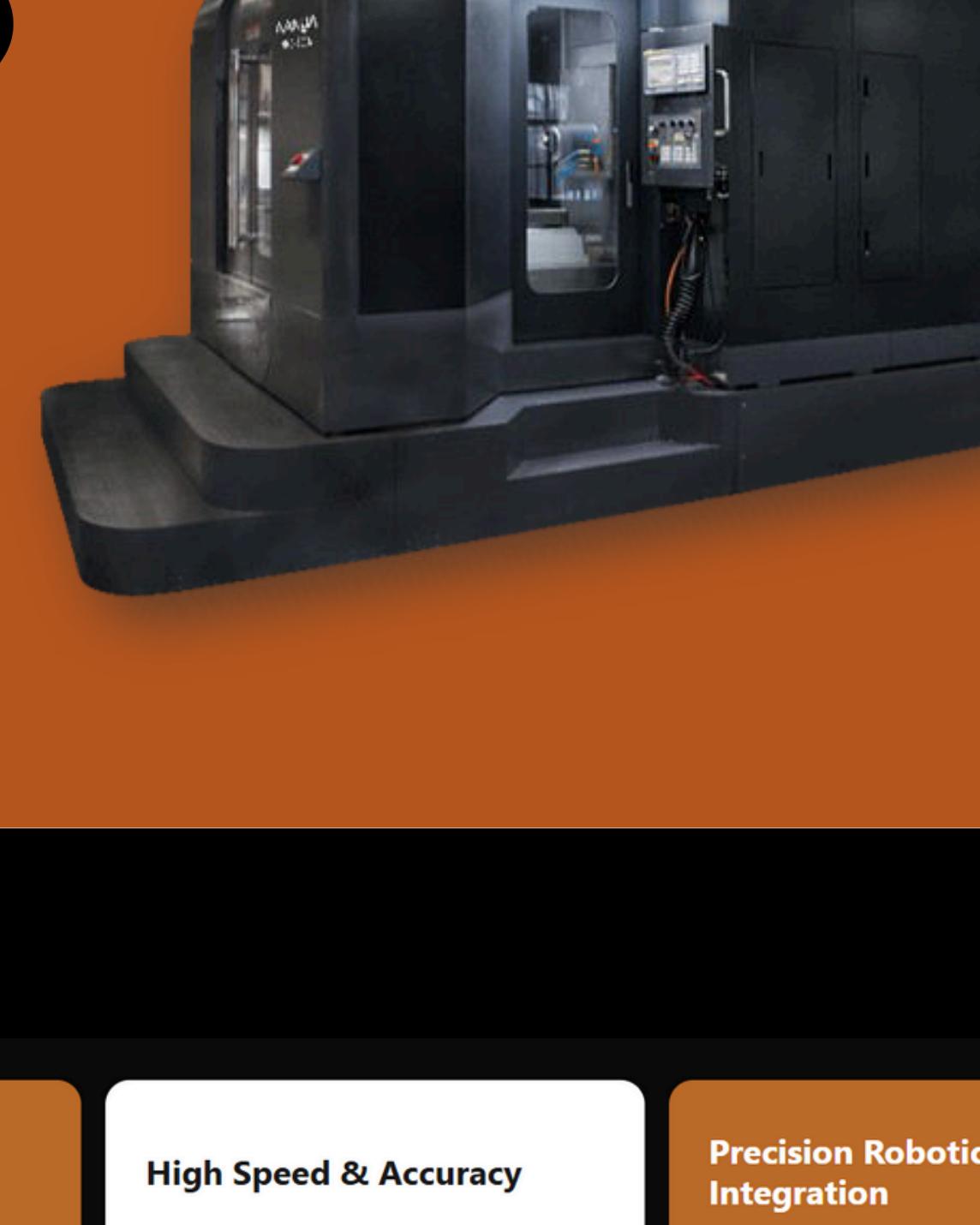


# NANYA CNC

Precision Engineering Solutions



**Advanced Milling Technology**

**Automated Tooling Accuracy**

**High Speed & Accuracy**

**Precision Robotics Integration**

**Real-time Monitoring**

**Reliable Performance**

**Global Support Network**

**Sustainable Manufacturing**

## HORIZONTAL MACHINE CENTER 800A / 800B SPECIFICATION

### Overview

The HMC-630A/630B is a high-performance CNC milling machine designed for precision, durability, and efficiency. It features robust construction, advanced spindle technology, and a comprehensive set of standard and optional accessories.

### Specifications

#### Travel Range

- X-Axis Travel : 1300mm Y-Axis Travel : 1000mm Z-Axis Travel : 1050mm
- Spindle Nose to pallet : 150 - 1200mm
- Spindle Center to Pallet Surface : 90-1090mm / 0-1000mm
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### Table

- Table Size : 800X800mm
- Workbench Number : 1(Opt.2)
- Workbench Surface Configuration : M16-160mm
- The Workbench Maximum Load : 1300-2000kg
- The Smallest Unit of Setting : 1°(Opt.0.001°)

### Spindle

- |                               |                |               |
|-------------------------------|----------------|---------------|
| • Spindle Taper : BT-50       | Direct Type    | Gear head     |
| • Type Of Driving : Belt Type | 8000rpm        | 6000rpm       |
| • Spindle RPM : 6000 rpm      | 0IMF- $\alpha$ | 0IMF- $\beta$ |
| • Spindle Motor type : 0IMF-B |                |               |

### Feed Rates

- X/Z-Axis Rapid Traverse: 24m/min
- Y-Axis Rapid Traverse: 24 m/min
- X/Y/Z Max. Cutting Feed Rate : 6m/min

### ATC Tool Changer

- Type: Arm-Type(Tool-to-Tool) : 30 Tools ATC (4.5sec)
- Max. Tool Diameter (Adjacent with Neighbor): 200 x 350 mm
- Max. Tool Weight: 15 kg