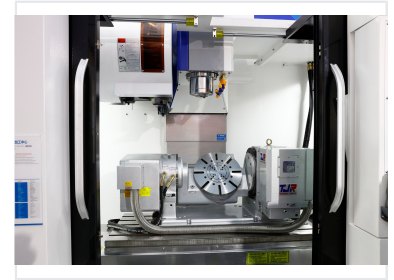


# VMC850 Vertical Machining Center

The VMC850 is a heavy-duty machining center designed for high-precision metal cutting. It features a robust structure ensuring stability during high-speed machining operations.



## ADDITIONAL IMAGES



## Overview



A high-precision machining center designed for smart manufacturing and milling complex dies.

### High-Precision Vertical Machining Center

The VMC850 is a heavy-duty vertical machining center engineered for high-speed, precision metal cutting in demanding industries like aerospace and automotive. Featuring a robust cast structure, precision linear guideways, and a reliable 24-station arm-type automatic tool changer, it ensures stability and efficiency for complex mold and die manufacturing. Its optimized design offers extended travel on the X-axis and supports smart manufacturing solutions to enhance competitiveness.

## Key Features

### Standard Equipment

Automatic Tool Changer, Ergonomic CNC Panel, Automatic Lubrication, Full Machine Enclosure, Door Safety Lock, Heat Exchanger, Air Conditioned Electrical Cabinet

## Performance Metrics

### Key Performance Metrics

**12000 rpm**

Max Spindle Speed

**600 Kg**

Max Table Load

**24 Tools**

ATC Capacity

**6500 Kg**

Net Weight

## Technical Specifications

### Machine Dimensions and Travel

Parameter	Value
Table Size	1200 x 520 mm
X/Y/Z Travel	850 / 500 / 670 mm
Overall Dimensions	3000 x 2400 x 3000 mm
Spindle Nose to Table	130 - 800 mm

### Rapid Traverse Rates (X/Y/Z)

- X Axis: 24 m/min
- Y Axis: 24 m/min
- Z Axis: 20 m/min