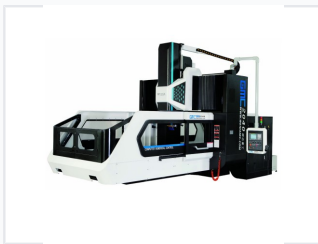


# Gantry Type CNC Machining Center

This gantry type CNC machining center is designed for heavy-duty cutting and machining. It features a robust structure for enhanced stability and precision during high-speed material processing.



## ADDITIONAL IMAGES



## Overview

### Gantry Type CNC Machining Center

The GMC2040 is a high-rigidity gantry machining center designed for heavy-duty industrial applications. Featuring a robust box-structure frame and advanced linear roller guide ways, it offers exceptional shock absorption and stability for demanding tasks. This versatile machine supports milling, boring, drilling, and tapping, making it an ideal solution for automotive, marine, military, and mold-making sectors requiring high-efficiency batch processing.

## Technical Capabilities

### Axis Configuration

- X-axis: Heavy duty linear roller guide way with AC servo motor
- Y-axis: Linear-box combination with orthogonal heavy duty linear roller guide ways
- Z-axis: Four-sided embracing hard rail square ram

### Spindle System

Automatic Positioning • Spindle Rotation Detection • High Torque Output • Tapping Function

### Processing Functions

Milling, Boring, Drilling, Tapping

## Construction & Design

### Structural Highlights

- Box-structure bed design with aging treatment
- Cylindrical column/beam with high-density grid rib structure
- Shoe-shaped column design for overturning resistance
- Liquid nitrogen balance cylinder system for Z-axis stability

### Optional Column Heights

- 250
- 300
- 400

## System & Maintenance

### Maintenance Systems

- Centralized lubrication system (timing/quantitative)
- Auto cooling device with recovery/recycle
- Pneumatic tool cleaning system

### Operational Indicators

- Work area lighting
- Tricoloured status light (Running, Completed, Error)

### Protection Features

Half Protection, Stainless Steel Telescopic Cover, Organ Type Cover, Labyrinth Dust Prevention