

# 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

## 3605M SPECIFICATION

### Overview

The 3605M 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 : 295mm
- Z-axis : 1350[2,150 , 3150] mm

#### Spindle

- Spindle speed (Belt Type) [optional : Built in : 2,000mm
- Spindle nose : 15inch chuck A2-11
- Spindle through hole diameter : Φ131mm

#### Capacity

- Swing over bed : Φ940
- Max, Rotational dia : Φ855
- Max. turning diameter : Φ540
- Max. turning length : 1342[2,120/3120]
- Bar working diameter : Φ119

#### Turrent

- No. of tool stations 12st
- OD tool size : 25mm
- Boring bar diameter : 50mm
- Indexing time(1st swivel time) : 0.2s

#### Feed Rates

- X-axis : 24mm
- Z-axis : 30mm

#### Tail stock

- Quill diameter : Φ100mm
- Quill bore taper(Live) : MT5
- Tailstock Bushing Travel : 120mm

#### Motor

- Mainspindle motor : 15/18.5 kW(HP)
- CollantMotor Power : 0.4kW(HP)

#### Power Source

- Electricpower supply (Rated capacity) : 35kW(HP)

#### Machine size

- Machine height : 1,857mm
- Machine dimension : L= 4,195/ 5,365mm W= 1,978 mm
- Machine weight : 7200kg(7.2 tons)