

# CNC Boring and Milling Machine

This CNC boring and milling machine is designed for versatile machining tasks. It features a rigid frame for stability and a user-friendly CNC control system for easy programming.



## Product Overview

### ZK6040/ZK6050 Precision Series

This CNC boring and milling machine is engineered for high-precision operations across demanding industries such as aerospace, mold making, and automotive manufacturing. Featuring a rigid frame construction, the machine ensures exceptional stability and minimized vibration during heavy-duty cutting tasks. It is equipped with a user-friendly CNC interface that simplifies programming while offering high-speed performance and precise repeatability for consistent quality.

## Technical Specifications

项目	单位 Unit	参数 Parameters	项目	单位 Unit	参数 Parameters
机床工作台规格尺寸	mm	420X250 / 400X350	机床外形尺寸 (ZK6040)	mm	2200 × 1450 × 1750
机床T型槽的槽数/槽距		2/170、3/100	机床外形尺寸 (ZK6050)	mm	2260 × 1750 × 1780
主轴前端部形式		BT40/BT50	机床净重约 (ZK6040)	kg	2460
主轴转速范围	min	300-2000r	机床净重约 (ZK6050)	kg	4000
ZXY最大行程	mm	200/200/230			
ZX进给速度 (无级)	mm / min	10-1000			
ZX快速移动速度	m / min	8			
ZX轴伺服电机转矩	Nm	10			
主电机	KW	3/5.5			

Detailed technical specification sheet providing dimensional and performance data for the ZK6040 and ZK6050 series.

## Spindle Specifications

Attribute	Value
Spindle Front-End	BT40/BT50
Speed Range	300-2000 r/min

## Worktable Dimensions

420x250 mm / 400x350 mm

## Performance Metrics

### Key Performance Metrics

**8 m/min**

Rapid Traverse Speed

**10 Nm**

Servo Motor Torque

**5.5 KW**

Max Main Motor Power

## Operating Ranges

### Max Axis Strokes (ZXY)

200 / 200 / 230 mm

## Machine Dimensions

### Model Dimensions & Weight

Model	Dimensions (mm)	Net Weight (kg)
ZK6040	2200 x 1450 x 1750	2460
ZK6050	2260 x 1750 x 1780	4000