

CNC Drilling and Milling Machine

This CNC drilling and milling machine features high rigidity and heavy cutting capabilities with a maximum spindle torque of 450NM. It can be equipped with a Guangzhou CNC system and a 7" widescreen color LCD for easy operation.

数控钻铣中心主要技术规格及参数 MAIN SPECIFICATION		单位			
MAIN SPECIFICATIONS		主要技术规格	ZXK50A	ZXK50A-100	ZXK80
Worktable area	工作台面积	mm	1000 x 545	1000 x 545	1000 x 545
Tool holder capacity	刀库容量	mm	18 x 5	18 x 5	18 x 5
Spindle taper hole	主轴锥孔	mm	BT40	BT40	BT50
Spindle speed	主轴转速	rpm	30-2000	30-2000	30-1051
Power of spindle	主轴功率	Kw	3.75 (5.17 HP)	3.75 (5.17 HP)	7.5 (11)
Travel (XYZ)	移动范围	mm	850 x 650 x 650	1000 x 650 x 650	850 x 550 x 650
Distance from spindle nose to worktable	主轴端面至工作台距离	mm	250-800	200-800	245-865
Distance from spindle nose to worktable	主轴中心至工作台距离	mm	300	300	340
Repeat transfer rate (XYZ)	快速移动速度 (XYZ)	mm/min	X: 15	X: 15	X: 15
Max torque of spindle	主轴最大扭矩	Nm	300	300	450
Max feed resistance	最大进给阻力	N	4000	4000	2500
Positioning accuracy	定位精度	mm	0.025	0.025	0.025
Repeatability	重复定位精度	mm	0.02	0.02	0.02
Machine weight (MM)	机床重量 (净重)	T	26.5	6.58	48.5
Overall dimensions (W x H)	机床外形尺寸 (长 x 高)	mm	250 x 250 x 245	250 x 250 x 245	300 x 270 x 250
Package weight (MM)	包装重量 (含包装)	mm	315 x 275 x 235	300 x 280 x 235	315 x 275 x 235

ADDITIONAL IMAGES



Overview

High-Performance CNC Machining Center

This heavy-duty CNC drilling and milling machine is engineered for high-rigidity and precision cutting operations. Featuring a robust cast structure and direct-drive ball screw axes, it ensures smooth feeding and exceptional accuracy. Equipped with an advanced control system and automatic tool changing capabilities, this machine is designed to handle complex milling, boring, and drilling tasks with maximum efficiency.

Performance Metrics

Key Performance Metrics

450 Nm

Max Spindle Torque

30 M

Tapping Capacity

25000 N

Max Feed Resistance

Technical Specifications

Machine Technical Data

Parameter	ZXK50A	ZXK50A-100	ZXK80
Worktable Area (mm)	1000 x 545	1000 x 545	1000 x 545
Spindle Taper	BT40	BT40	BT50
Spindle Speed (rpm)	30-2000	30-2000	30-1051
Positioning Accuracy (mm)	0.025	0.025	0.025
Repeatability (mm)	0.02	0.02	0.02

Machine Features

Core Capabilities

Automatic Tool Changer (ATC), Full Gear Transmission, Direct Motor-Screw Connection, Intermittent Lubrication, High-Rigidity Casting

Control System

7-inch widescreen color LCD with support for drilling, boring, and milling cycles.