



国家高新技术企业 广东省著名商标 广东省名牌产品



CNC SERIES
加工中心系列
Nanxing Furniture Machinery & Equipment

2013



HIGH-SPEED WOOD COMBINED MACHINING CENTER

高速木材复合加工中心

MODEL:MGK02

专利号: ZL201020193390.6



特点:

- 1.采用性能稳定的工业电脑为控制中心、Windows操作系统、人性化设计软件，用图形辅助功能引导编程，操作简易。
- 2.机器设计了两个加工位，加工的同时可以在另一个加工位上板或下板等操作，提高工作效率。
- 3.该机采用真空吸紧工件，一次装夹可符合完成各种工序的加工。
- 4.机身为重钢结构，制造精度高。关键配件均采用国际名牌产品，性能稳定。
- 5.采用9.0kw高速镗铣电主轴，最高转速可达24000rpm，切削速度高。
- 6.X轴最高移动速度可达70m/min，工作效率高。
- 7.具有14支垂直钻和4组水平钻，均为独立程序控制，可简化编程，提高工作效率。
- 8.具有8个可换刀位的刀库，可适用多种形状加工刀具的存放，可一次加工完成复杂的程序。
- 9.机器配有自动的中央润滑系统，可自动完成对机器各个活动部件的润滑。
- 10.采用安全光栅保护装置，确保加工过程中人员的安全。
- 11.可安装扫描枪，通过扫描条形码，启用加工程序，完美对接家具设计软件。

Advantages:

- 1.Control centre by industrial computer with Window software is used for stably performance, and popularly operated by people that make the work easier.
- 2.Designed with two processing positions, therefore loading and unloading by operator for processing of panels can be done simultaneously that means higher working efficiency.
- 3.Vacuum function is equipped that provides a perfect clamping for panel processing.
- 4.Machine body is well structured and constructed with heavy steel for high accuracy and durability. Most of the parts and components being used are world famous brands.
- 5.Main spindle motor 9.0 kw at rotating up to 24,000 rpm that makes the machine so powerful, as well as speedy.
- 6.Moving speed of X-axis can reach up to 70 m/min that is desirable for high production requirement.
- 7.Drilling block with 14 vertical and 4 groups of horizontal drills which can be controlled independently by programs that is almost suitable for all panel processing.
- 8.Solid built ATC 8 as a station for changing of different 8 tools automatically that can make the work pieces accordingly.
- 9.Central lubrication system is installed for continuous smoothness and workability of machine.
- 10.Safety protection fence checking with laser device is provided that means safety first always.
- 11.Scanner gun is also possible for reading commands from bar codes in order to make special furniture orders based on the software.

HIGH-SPEED WOOD COMBINED MACHINING CENTER

高速木材复合加工中心

MODEL:MGK01

专利号: ZL201020193390.6



- 4个定位点, 可以同时在工作台上加工工件
- X轴行程达3500mm, 可满足各种尺寸的工件生产需求
- 4 stoppers which can give guides for processing 4 work pieces simultaneously.
- Travel distance of X-axis can reach up to 3500 mm that covers most of the dimensional demands for production of furniture.

HIGH-SPEED WOOD COMBINED MACHINING CENTER

高速木材复合加工中心

MODEL:MGK02

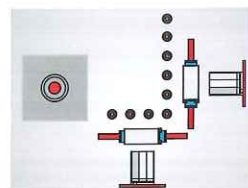
专利号: ZL201020193390.6



- 8个定位点, 可以同时在工作台上加工工件
- X轴工作行程达5500mm, 可以同时在工作台面上加工大型工件。
- 8 stoppers which can give guides for processing 8 work pieces simultaneously.
- The travel of X-axes reach to 5500mm, can machining large work pieces at two working tables simultaneously.

主要技术参数 MAIN TECHNICAL DATA		MGK01	MGK02
加工行程 working distance	X轴 X-axis Y轴 Y-axis Z轴 Z-axis	3500mm 1500mm 250mm	5500mm 1500mm 250mm
加工台面 working table		1220 × 3300mm 6组真空吸盘 6 groups of vacuum cups	1220 × 5300mm 10组真空吸盘 10 groups of vacuum cups
最高移动速度 max. traveling speed	X轴 X-axis Y轴 Y-axis Z轴 Z-axis	70m/min 50m/min 18m/min	70m/min 50m/min 18m/min
加工速度 processing speed		15m/min	15m/min
主轴数 no. of main spindle		1	1
主轴转速(MAX) main spindle speed		24000rpm	24000rpm
功率 power		9.0kw	9.0kw
刀柄型式 handle type tool coupling device		HSK-F63	HSK-F63
可换刀柄数量 no. of tools		8	8
夹头规格 coupler size		Φ6-Φ20mm	Φ6-Φ20mm
垂直钻 no. of vert. drills		14	14
水平钻X no. of X horiz. drills		2+2	2+2
水平钻Y no. of Y horiz. drills		2+2	2+2
功率 power		1.7kw	1.7kw
转速 rotating speed (rpm)		2800rpm	2800rpm
锯片内径 saw blade inner diameter		Φ35mm	Φ35mm
锯片最大直径 max. saw blade diameter		Φ120mm	Φ120mm
功率 power		3kw	3kw × 2
抽风量 air extraction volume		98m³/h	98m³/h × 2
吸工件压力 suction pressure (work piece)		0.8kg/cm²	0.8kg/cm²
吸盘压力 suction pressure (cup)		0.3kg/cm²	0.3kg/cm²
管径: 3/4" pipe diameter		6kg/cm²	6kg/cm²
管径 pipe diameter		Φ255mm	Φ255mm
需要吸尘风速 dust extraction speed		28m/s	28m/s
功率 power		26kw	29kw
频率 frequency		50Hz	50Hz
电压 voltage		三相380V (Three phase 380V)	三相380V (Three phase 380V)
占地面积 required floor area		7500 × 4500mm	9500 × 4500mm
机器高度 machine height		2700mm	2700mm
机器重量 machine weight		5100kg	6100kg

HIGH-SPEED WOOD COMBINED MACHINING CENTER
高速木材复合加工中心
MODEL:MGK04



- 1.适合加工实木、夹板、纤维板、高压板、塑胶板、复合板、轻金属板以及各种相似的材料。
- 2.工作台交替加工，因此操作者可以在工作台的3个侧面上下料，实现不间断生产。
- 3.工作台平行合并起来，可以用来加工更大的工件。
- 4.每个镗铣轴配备了一个8刀位的自动换刀刀库，还可选配C轴。
- 5.排钻组件配备了9个垂直钻和4个水平钻，2个锯片。
- 6.使用了开放式的系统，以便与Cad-Cam软件更好的衔接。

- 1.Solid wood, Plywood, MDF or HDF, Plastic board, Compositated panel, Light metal sheet and the similar kinds are all suitable.
- 2.Tables are working in alternation. Therefore the operator can prepare the unloading of work-pieces from 3 sides around the table.
- 3.Tables are coupled in parallel. Therefore larger work-pieces can be easily processed.
- 4.Each equipped with ATC 8, C-axis movement is available per special request.
- 5.The drilling block is equipped with 9 vertical and 4 horizontal spindles, 2 saw blades for applying the desired directions.
- 6.This machining center has set up an open system which can be interfaced with Cad-Cam software professionally.

主要技术参数 MAIN TECHNICAL DATA		MGK04
加工行程 working distance	X轴 X-axis	4600mm
	Y轴 Y-axis	3000mm
加工台面 working table	Z轴 Z-axis	250mm
		1830 × 1830mm
最高移动速度 max. traveling speed	X轴 X-axis	60m/min
	Y轴 Y-axis	60m/min
镗铣主轴 main routing spindle	Z轴 Z-axis	30m/min
	主轴数 no. of main spindle	1(可选配2个)
排钻组 drilling block	主轴转速(MAX) main spindle speed	24000rpm
	功率 power	10kw
真空泵 vacuum pump	刀柄型式 handle type tool coupling device	HSK-F63
	可换刀柄数量 no. of tools	8
真空压力 vacuum pressure	夹头规格 coupler size	Φ3-Φ25
	C轴 C-axis	选配
空压 air pressure	垂直钻 no. of vert. drills	9
	水平钻X no. of X horiz. drills	1+1
吸尘 dust extraction	水平钻Y no. of Y horiz. drills	1+1
	功率 power	1.7kw
电源 power supply	转速 rotating speed (rpm)	2800rpm
	锯片内径 saw blade inner diameter	Φ35mm
机器尺寸 machine dimension	锯片最大直径 max. saw blade diameter	Φ120mm
	功率 power	5.5kw × 2
吸尘 dust extraction	抽风量 air extraction volume	250m ³ /h
	管径 pipe diameter	Φ255mm
需要吸尘风速 dust extraction speed	功率 power	42kw
	频率 frequency	50Hz
电压 voltage	电压 voltage	三相380V (Three phase 380V)
	占地面积 required floor area	8000 × 6500mm
机器高度 machine height	机器高度 machine height	3400mm
	机器重量 machine weight	9000kg

HIGH-SPEED WOOD COMBINED MACHINING CENTER
高速木材复合加工中心
MODEL:MGK05



HIGH-SPEED WOOD COMBINED MACHINING CENTER
高速木材复合加工中心
MODEL:MGK06
专利号: ZL201220005908.8



主要技术参数 MAIN TECHNICAL DATA		MGK05	MGK06
加工行程 working distance	X轴 X-axis	3100mm	3000mm
	Y轴 Y-axis	1600mm	1220mm
	Z轴 Z-axis	210mm	300mm
加工台面 working table		3050 × 1600mm	3000 × 1220mm
最高移动速度 max. traveling speed	X轴 X-axis	50m/min	50m/min
	Y轴 Y-axis	50m/min	35m/min
	Z轴 Z-axis	30m/min	20m/min
镂铣主轴 main routing spindle	主轴数 no. of main spindle	1	1
	主轴转速(MAX) main spindle speed	24000rpm	18000rpm
	功率 power	9.0kw	9.0kw
	刀柄型式 handle type tool coupling device	ISO30	ISO30
	可换刀柄数量 no. of tools	8	6
真空泵 vacuum pump	功率 power	7.5kw	7.5kw
	抽风量 air extraction volume	240m ³ /h	250m ³ /h
真空压力 vacuum pressure	吸工件压力 suction pressure (work piece)	0.8kg/cm ²	0.7kg/cm ²
空压 air pressure	管径: 3/4" pipe diameter	6kg/cm ²	6kg/cm ²
吸尘 dust extraction	管径 pipe diameter	Φ 200mm	Φ 150mm
	需要吸尘风速 dust extraction speed	28m/s	28m/s
电源 power supply	功率 power	21kw	20kw
	频率 frequency	50Hz	50Hz
机器尺寸 machine dimension	电压 voltage	三相380V (Three phase 380V)	三相380V (Three phase 380V)
	占地面积 required floor area	3820 × 2160mm	5000 × 3200mm
	机器高度 machine height	2000mm	2200mm
	机器重量 machine weight	2930kg	2500kg



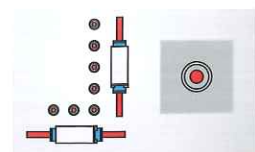
HIGH-SPEED WOOD COMBINED MACHINING CENTER
高速木材复合加工中心
MODEL:MGK07



HIGH-SPEED WOOD COMBINED MACHINING CENTER

高速木材复合加工中心

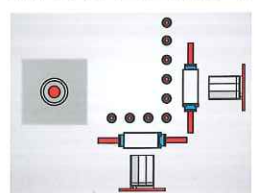
MODEL:MGK07



HIGH-SPEED WOOD COMBINED MACHINING CENTER

高速木材复合加工中心

MODEL:MGK08



主要技术参数 MAIN TECHNICAL DATA

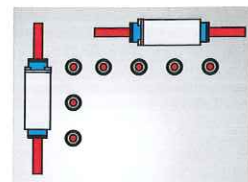
		MGK07	MGK08
加工行程 working distance	X轴 X-axis Y轴 Y-axis Z轴 Z-axis	3600mm 1900mm 210mm	3000mm 2400mm 260mm
加工台面 working table		3050 × 1600mm	2450 × 1830mm
最高移动速度 max. traveling speed	X轴 X-axis Y轴 Y-axis Z轴 Z-axis	50m/min 50m/min 20m/min	72m/min 72m/min 15m/min
加工速度 processing speed		20m/min	15-30m/min
铣头主轴 main routing spindle	主轴数 no. of main spindle 主轴转速(MAX) main spindle speed 功率 power 刀柄型式 handle type tool coupling device 可换刀柄数量 no. of tools 夹头规格 coupler size	1 24000rpm 9.0kw HSK-F63 8 Φ3-Φ20	1 24000rpm 9.0kw HSK-F63 8 Φ3-Φ20
C轴 C-axis			选配
排钻组 drilling block	垂直钻 no. of vert. drills 水平钻X no. of X horiz. drills 水平钻Y no. of Y horiz. drills 功率 power 转速 rotating speed (rpm) 锯片数量 saw blade number 锯片内径 saw blade inner diameter 锯片最大直径 max. saw blade diameter	7 1+1 1+1 1.3kw 4000rpm	9 1+1 1+1 1.7kw 2790rpm
真空泵 vacuum pump	功率 power 抽风量 air extraction volume	7.5kw 240m³/h	7.5kw 240m³/h
真空压力 vacuum pressure	吸盘压力 suction pressure (work piece) 吸工件压力 suction pressure (cup)	0.8kg/cm² 0.3kg/cm²	0.8kg/cm² 0.3kg/cm²
空压 air pressure		6kg/cm²	6kg/cm²
吸尘 dust extraction	管径 pipe diameter 需要吸尘风速 dust extraction speed	Φ200mm 28m/s	Φ200mm 28m/s
电源 power supply	功率 power 频率 frequency 电压 voltage	24kw 50Hz 三相380V	27kw 50Hz 三相380V
机器尺寸 machine dimension	占地面积 required floor area 机器高度 machine height 机器重量 machine weight	4220 × 3450mm 2135mm 6000kg	5500 × 4000mm 3350mm 4700kg

CNC BORING MACHINE

数控钻

MODEL : NZK 8

专利号 : ZL201130070818.8



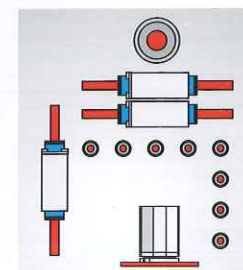
主要技术参数
MAIN TECHNICAL DATA

	NZK 8	KBX01
板材宽度 panel width	120-1000 mm	70-850 mm
板材长度 panel length	240-2440 mm	200-2500 mm
板材厚度 panel thickness	10-40 mm	12-60 mm
垂直主轴数 no. of vertical drills	7	8
水平主轴数 no. of horizontal drills	4	6
镗铣主轴功率 main routing spindle power	-----	5 kw
镗铣主轴转速 main routing spindle speed	-----	12000 rpm
开槽锯 grooving saw	-----	1
钻轴转速 spindle rotating speed	2800 rpm	3000 rpm
X轴移动速度 X-axis traveling speed	5-30 m/min	5-70 m/min

CNC BORING MACHINE

数控钻

MODEL : KBX01



主要技术参数
MAIN TECHNICAL DATA

	NZK 8	KBX01
Y轴移动速度 Y-axis traveling speed	5-30 m/min	5-50 m/min
Z轴移动速度 Z-axis traveling speed	5-30 m/min	5-15 m/min
刀柄直径 handle diameter	10 mm	10 mm
刀具最大直径 tool max. diameter	35 mm	35 mm
刀具最大长度 tool max. length	50 mm	70 mm
工作电压 operating voltage	380 V 50 Hz	380 V 50 Hz
总功率 total power	6.8 kw	12.2 kw
工作气压 working air pressure	0.6 Mpa	0.6 Mpa
净重 net weight	990 kg	2400 kg
外形尺寸 overall dimensions	2176 × 1357 × 1470 mm	3210 × 1500 × 2150 mm