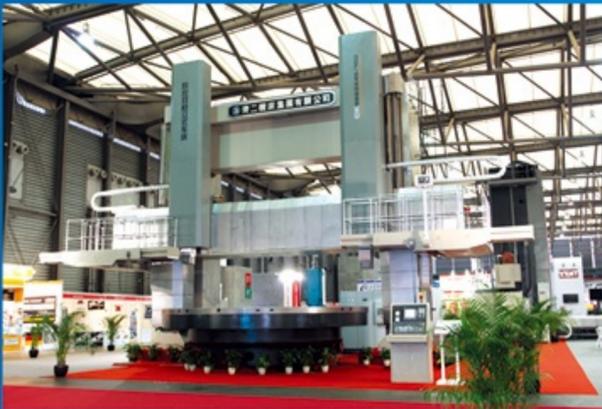




中国通用技术集团  
China General Technology



## 立式车铣加工中心

*Vertical Turning and Milling Machining Center*

## 数控双柱立式车床

*CNC Vertical Turning Lathe with Double Columns*

## 数控高速立式车床

*CNC High Speed Vertical Turning Lathe*



## 数控单柱移动立式车床

*CNC Vertical Turning Lathe with Single Moving Column*



齐齐哈尔二机床(集团)有限责任公司

QIQIHAR NO.2 MACHINE TOOL (GROUP) CO., LTD.





- 1、工作台和工作台底座采用整体铸造热对称结构，主轴轴承采用高精度双列短圆柱滚珠轴承，工作台导轨采用恒流静压导轨。
- 2、通过有限元分析计算，封闭龙门框架结构，使机床达到最佳受力状态。
- 3、垂直刀架水平运动采用滑动导轨或恒流静压导轨，垂直运动采用滑动导轨或滚滑复合导轨。进给采用交流伺服电机驱动，滚珠丝杠传动。
- 4、机床主传动由直流电机驱动，经两档机械变速实现工作台所需转速。
- 5、数控系统采用西门子、法那克或发格系统。
- 6、根据用户需要，可提供刀库、机内对刀装置，工件自动测量装置、磨削功能、冷却排屑装置等功能部件。
- 7、为用户提整套供工艺解决方案。

1. Table and the base are integral castings constructed in the thermo-symmetric structures. The spindle bearings are high precision double-row roller ball bearings and table guideways are constant flow hydrostatic guideways.
2. After the calculation of the Finite Element Analysis, closed gantry frame structure optimizes the stress state of machine.
3. There are slide guideways or constant flow hydrostatic guideways provided for the horizontal travel of the railhead and slide guideways or rolling and sliding guideways for the horizontal travel of ram. The feeding movements is driven by the AC servo motor and transmitted by the ball screw.
4. The main transmission of the machine is driven by the DC motor and regulated by the II mechanical shifts for the table required speed
5. CNC system is optional with Siemens, Fanuc or Fagor.
6. Upon customer' s request, the following optional functions and devices are available, tool magazine, internal tool pre-setting device, cutting tool measuring device, grinding function, cooling chip conveying device, etc.
7. Completed machining process proposal is available upon customer' s request.





CK5225



CK5250

数控立式车床系列



CH5225-CH5280





CK5280 × 40/125

### 主要技术参数 Main Technical Specifications:

参数名称	Specification	CK5112	CK5116	CK5225	CK5231
最大加工直径 mm	Max. Machining Diameter	1250	1600	2500	3150
工作台直径 mm	Table Diameter	1010	1400	2250	2830
最大工件高度 mm	Max. Workpiece Height	1000	1000	1600/2000	2000/2500/3150
最大工件重量 t	Max. Workpiece Weight	5	8	16	20/32
刀杆截面尺寸 mm	Arbor Section	40X40	40 × 40	40X40	50 × 50
刀架最大切削力 KN	Max. Cutting Force of Railhead Right	35	25	35	40
工作台最大扭矩 KN.m	Max. Torque of Table	10	20	50	80
工作台转速 r/min	Table Speed Range	2-200	5-160	2.5-80	0.63-63
刀架进给量范围 mm/min	Railhead Feed Range	0.1-1000	0.1-500	0.1-500	0.1-500
刀架快速移动速度 mm/min	Railhead Rapid Speed	4000	4000	4000	4000
刀架水平最大行程 mm	Max. Horizontal Travel of Railhead	-50-850	-50-950	-20 ~ 1450	-50 ~ 1840
刀架垂直最大行程 mm	Max. Vertical Travel of Railhead	650	800	1000/1250	1250/1400/1600
横梁最大行程 mm	Max. Travel of Crossrail	750	750	1250/1650	1650/2150
横梁升降速度 mm/min	Crossrail Travel Speed	440	440	350	310
滑枕截面尺寸 mm	Ram Section	□200	□200	□220	□240
主电机功率 KW	Main Motor Power	22 (AC)	30 (AC)	55 (DC)	55 (DC)
数控系统	CNC System	西门子828D	西门子828D	西门子828D	西门子828D



数控立式车床系列

CK52100 x 45/150

CK5235	CK5240	CK5250	CK5263	CK5280	CK52100	CK52125
3500	4000	5000	6300	8000	10000	12500
3150	3600	4500	5700/6300	6300/7100	7100/7500	7200/8000
1000/2500/3150	2000/2500/3150	2500/3150/4000	4000/5000	4000/4500/5000	4500/5000/5500	5000/5500/6000
20/32	32/40	50/63	80/150	125/150	150/250	250
50 x 50	50 x 50	50 x 50	60 x 60	70x70	80 x 80	100 x 100
40	40	50	63	80	100	125
80	80	100/125	225/460	460	640	640
0.63-63	0.63-63	0.5-50/0.4-40	0.32-32/0.2-20	0.2-20	0.2-20	0.16-16
0.1-500	0.1-500	0.1-500	0.1-500	0.1-500	0.1-500	0.1-500
4000	4000	4000	4000	4000	3000	3000
-50 ~ 2050	-50 ~ 2265	-50 ~ 2765	-50-3550	-50-4400	-50-5400	-50-6400
1250/1400/1600	1250/1400/1600	1400/1600/2000	2000/2500	2000/2500	2500/2750	2500/2750/3000
1650/2150/2800	1650/2150/2800	2150/2800/3500	3500/4500	3500/4500	3750/4250/4750	4000/4500/5000
310	310	310	310	300	300	300
□240	□240	□240/□280	□280/□320	□320/□360/400	□320/□360/□400	□400
55 ( DC )	55 ( DC )	75 ( DC )	90 ( DC )	132 ( DC )	DC 132	132 ( DC )
西门子828D						



数控龙门移动立式车铣床 CXK5463X50/150

### 主要技术参数 Main technical specifications:

参数名称	Specification	CXK5225 × 16/16	CXK5231 × 20/20	CXK5235 × 20/32	CXK5240 × 20/32
最大加工直径 mm	Max. Machining Diameter	2500	3150	3500	4000
最大工件高度 mm	Max. Workpiece Height	1600	2000	2000	2500
最大工件重量 t	Max. Workpiece Weight	16	20	32	40
工作台直径 mm	Table Diameter	2250	2830	3150	3600
工作台转速 (两档无级) r/min	Table Speed Range	2.5~80车削/0.001~1铣削	0.63~63车削/0.001~1铣削	0.63~63车削/0.001~1铣削	0.63~63车削/0.001~1铣削
工作台最大扭矩 KN.m	Max. Torque of Table	63	80	80	80
垂直刀架最大切削力 KN	Max. Cutting force of Vertical Railhead	35	40	40	40
垂直刀架 水平行程 mm	Horizontal Travel of Vertical Railhead	-20 ~ 1450	-50 ~ 1840	-50 ~ 2030	-50 ~ 2030
垂直行程 mm	Vertical Travel of Vertical Railhead	1000	1250	1250	1400
进给量 mm/min	Feed Rate of Vertical Railhead	0.1~500	0.1~500	0.1~500	0.1~500
滑枕截面 mm	Ram Section	280 × 280	280 × 280	280 × 280	280 × 280
刀杆截面 mm	Arbor Section	40 × 40	50 × 50	50 × 50	50 × 50
垂直刀架 快速移动速度 mm/min	Rapid Speed of Vertical Railhead	4000	4000	4000	4000
横梁最大行程 mm	Max. Travel of Crossrail	1250	1650	1650	2150
横梁升降速度 mm/min	Crossrail Travel Speed	300	310	310	310
横梁升降电机功率 KW	Crossrail Motor Power	7.5	11	11	11
铣主轴转速范围 r/min	Speed Range of Milling Spindle	10~2000	10~2000	10~2000	10~2000
铣主轴电机功率 KW	Motor Power of Milling Spindle	22	22	22	22
主电机功率(DC) KW	Main Motor Power	55	55	55	55



CXK52、CXH52、CXK54系列立式车铣加工中心是高端复合化的加工设备，适用于加工精度要求高，工艺路线复杂的大型零件，能够一次装夹完成车、铣、钻、磨等多道工序，满足用户对复合化加工的需求。设备配置铣、镗功能、C轴功能、刀库、机内对刀、工件自动测量、冷却排屑等功能部件，满足高端用户的需求。

CXK54系列为龙门架移动式结构

The machines of CXH52 and CXK54 series are high-end compound machining equipments and they are utilized to machine large components, which requires high precision and complicated machining processes. The machine can finish multiple operations, such as turning, milling drilling and grinding in one setup and satisfy customer's requirements on the combined machining. It is equipped with milling function and boring function, Axis C function, tool magazine, cutting tool pre-setting device, cutting tool wear measuring device for the convenience of the machining operations and satisfaction of customers' requirements.

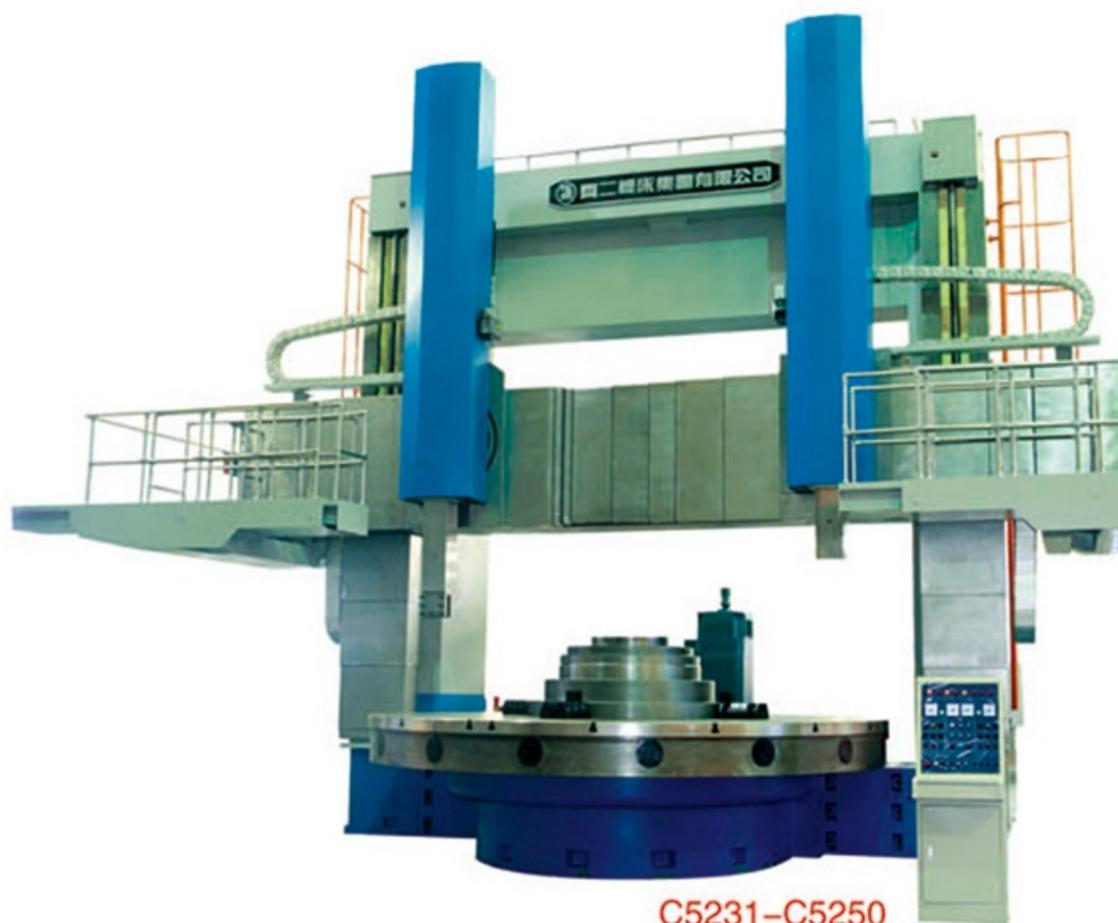
The machine of CXK54 series are of gantry frame moving structure.

立式加工中心系列

25/40	CXK5250 × 31/50	CXK5263 × 40/80	CXK5280 × 40/125	CXK52100 × 45/150	CXK52125 × 50/250	CXK5463 × 50/150
	5000	6300	8000	10000	12500	6300
	3150	4000	4000	4500	5000	5000
	50	80	125	150	250	150
	4500	5700	6300	7100	7200	5700
0.01~1铣削	0.5~50车削/0.001~1铣削	0.32~32车削/0.001~1铣削	0.2~20车削/0.001~1铣削	0.2~20车削/0.001~1铣削	0.16~16车削/0.001~1铣削	0.2~20车削/0.001~1铣削
	100	200	460	460	640	460
	50	63	80	80	100	80
265	-50~2765	-50~3550	-50~4400	-50~5400	-50~6600	7400
	1600	2000	2000	2500	2500	1800
00	0.1~500	0.1~500	0.1~500	0.1~500	0.1~500	0.5~4000
80	280 × 280	320 × 320	360 × 360	360 × 360	400 × 400	600 × 600
0	50 × 50	60 × 60	70 × 70	70 × 70	80 × 80	70 × 70
	4000	4000	4000	4000	4000	4000
	2800	3500	3500	3750	4250	3800
	310	310	310	310	310	420
	18.5	30	45	55	75	100
00	10~2000	10~2000	10~2000	10~2000	10~2000	2~800(1200)
	22	31	44	44	44	100
	75	90	132	132	132	132



C5225



C5231-C5250

### 主要技术参数 Main technical specifications:

参数名称	Specification	C5225	C5231	C5250
最大加工直径 mm	Max. Machining Diameter	2500	3150	3500
工作台直径 mm	Table Diameter	2250	2830	3150
最大工件高度 mm	Max. Workpiece Height	1600	2000/2500/3150	2000/2500
最大工件重量 t	Max. Workpiece Weight	16	20/32	20/32
刀杆截面尺寸 mm	Arbor Section	40 × 40	50 × 50	50 × 50
刀架最大切削力KN	Max. Cutting Force of Railhead	Right	右/35	右/40
		Left	左/28	左/35
工作台最大扭矩 KN.m	Max. Torque of Table	63	80	80
工作台转速 r/min	Table Speed Range	2.5-80	0.63-63	0.63-63
刀架进给量范围 mm/min	Railhead Feed Range	0.1-500	1-500	1-500
刀架快速移动速度 mm/min	Railhead Rapid Speed	4000	4000	4000
刀架水平最大行程 mm	Max. Horizontal Travel of Railhead	-50~1400	-50-1840	-50-2150
刀架垂直最大行程 mm	Max. Vertical Travel of Railhead	1000	1250/1400	1250/1400
左刀架水平搬度范围	Swivel Range of Railhead	±30°	-15~+30°	-15~+30°
横梁最大行程 mm	Max. Travel of Crossrail	1250/1650	1650/2150	1650/2150
横梁升降速度 mm/min	Crossrail Travel Speed	350	310	310
滑枕截面尺寸 mm	Ram Section	□ 220	□ 240	□ 240
主电机功率 KW	Main Motor Power	DC 55	DC 55	DC 55



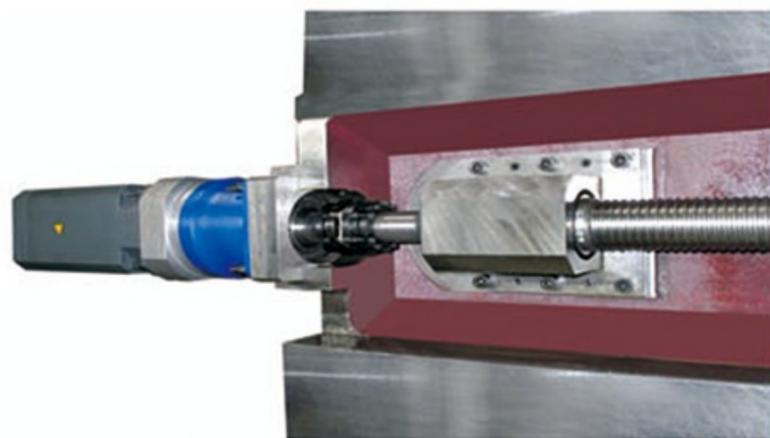
C5263-C52100

立式车床系列

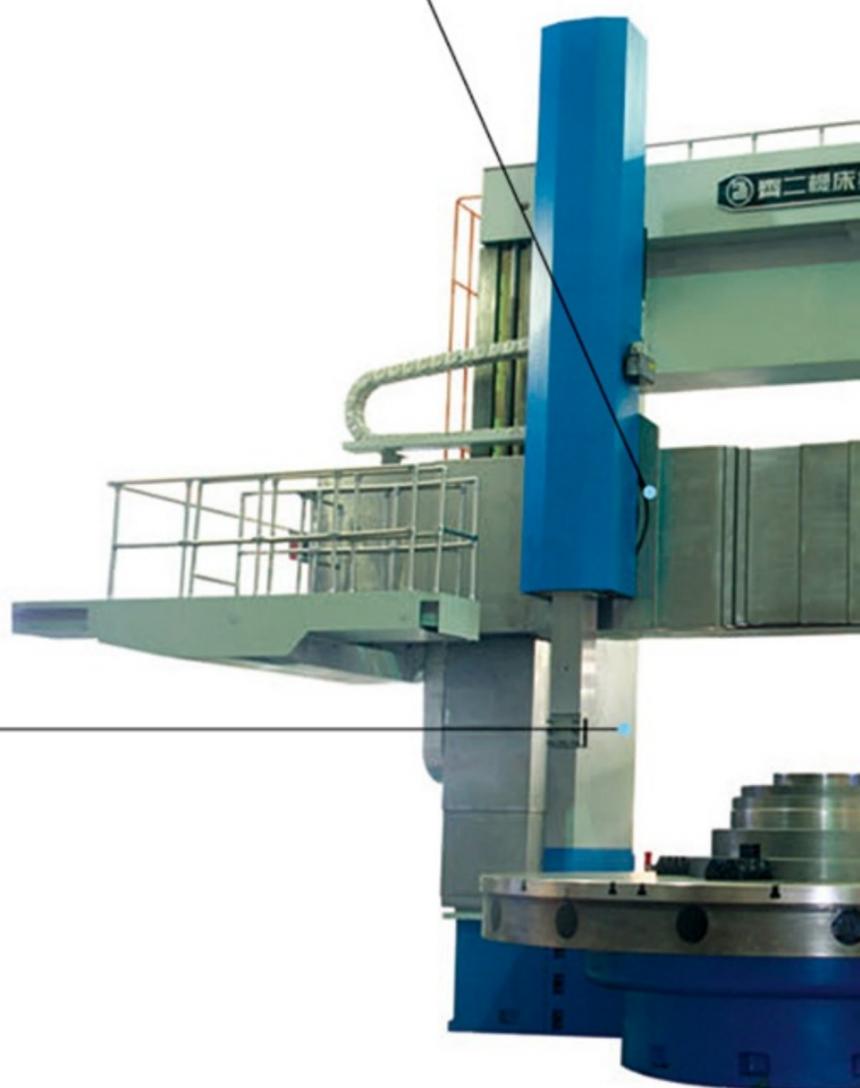
C5235	C5240	C5250	C5263	C5280	C52100
4000	4000	5000	6300	8000	10000
3600	3600	4500	5700	6300/7100	7100/7500
2000/3150	2000/2500/3150	2500/3150/4000	3150/4000/5000	4000/4500/5500	4500/6000
20/32/40	20/32/40	50/63	63/80/100	100/125/150	100/150/200
50×50	50×50	50×50	60×60	70×70	80×80
右/40	右/40	右/50	右/63/80	右/80/100	右/100/125
左/35	左/35	左/35	左/50/63	左/63/80	左/80/100
80	80	100	200	460	640
0.63-63	0.63-63	0.5-50	0.32-32	0.2-20	0.2-20
1-500	1-500	1-500	1-500	1-500	1-500
4000	4000	4000	4000	4000	4000
-50-2265	-50-2265	-50-2765	-50~3550	-50~4400	-50~5400
1250/1400/1600	1250/1400/1600	1400/1600/2000	1600/2000/2500	2000/2500/2750	2500/2760
-15~+30°	-15~+30°	-15~+30°	-15~+30°	-15~+30°	-15~+30°
1650/2150/2800	1650/2150/2800	1650/2150/3500	2750/4000/4500	3000/3650/4500	3750/4750
310	310	310	310	300	300
□ 240	□ 240	□ 240 / □ 280	□280/□320	□320/□360	□360/□400
DC 55	DC 55	DC 75	DC 90	DC 132	DC 132



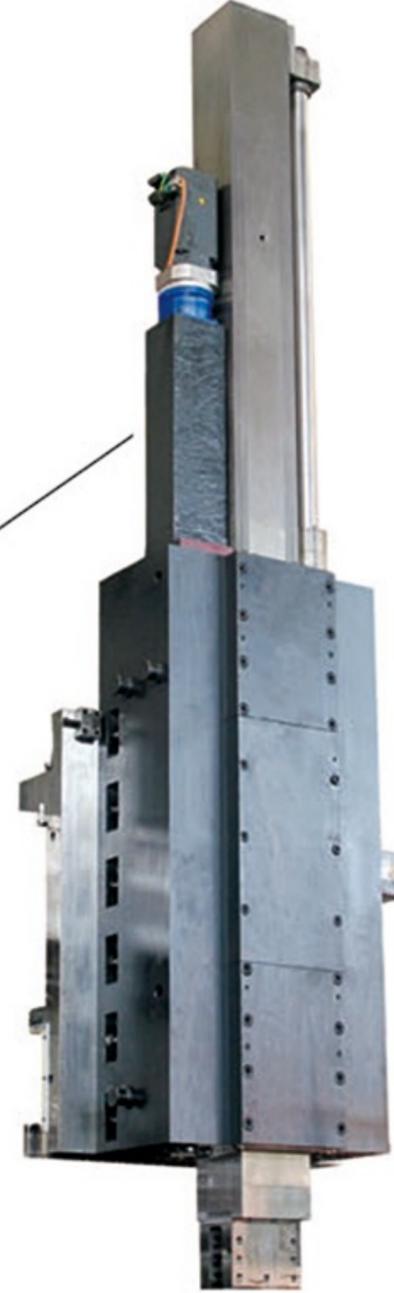
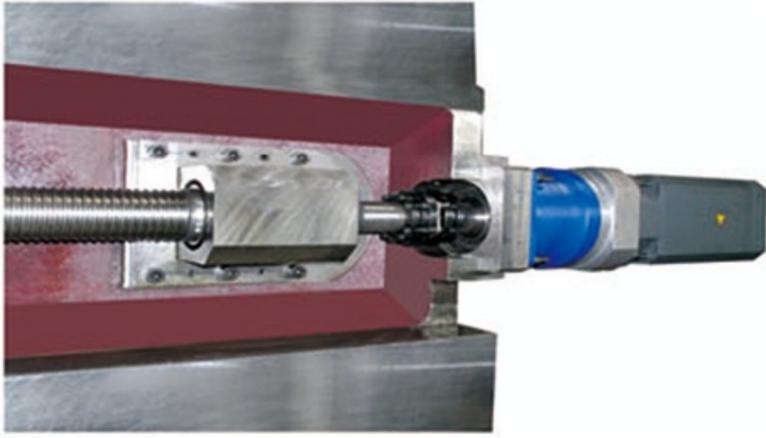
封闭式龙门架结构具有更好的刚性  
The closed gantry frame structure has better rigidity.



横梁两端伺服电机经过减速器与丝杠联结  
The servo motors mounted on both ends of crossrail are connected to lead screw through speed reducer



分体式龙门架结构  
Separated Gantry Frame Structure.



立式车床结构

刀架配置平衡油缸更好的保证了滑枕Z轴方向的运动的平稳性  
The railhead is equipped with balancing cylinder to ensure ram moving stability along Axis Z.



带C轴工作台精度能够达到 $\pm 7''$  更好的满足铣削分度要求  
The precision of table with Axis C can reach  $\pm 7''$  for better satisfaction on the requirements of milling indexing.

静压导轨 Hydrostatic Guideways

All Specifications are Subject to Change without Further Notice



CK53100 × 50/100

立柱移动可扩大回转类零件加工直径范围，能够满足加工大型工件的要求，工件装夹更加方便。根据用户的要求可以配置侧刀架、磨头附件、铣削附件、镗削附件等配件，可完成零件的镗孔、铣削平面与铣削内外圆柱面与端面的键槽等工序。

横梁设有重锤平衡，具有挠度补偿功能，横梁设有多个夹紧机构，保证机床工作时具有更好的稳定性。

可以为用户提供全套加工工艺解决方案。

As the moving column increases the machining diameter range of rotating parts, this type of machine can satisfy the requirements on machining large workpieces and make it much easier to setup the workpiece. Upon customer's demand, the following optional accessories are available, side railhead, grinding head, milling accessory, boring accessory, to finish the variable operations, such as boring holes on the workpiece, milling flat surface, milling inner and outer cylindrical surface, and milling slots at the end of the workpiece.

The crossrail is equipped with counter-weight and provided with deflection compensation function. There are multiple clamping devices on the crossrail to ensure the better stability of the machine during the operation.

Completed machining process proposal is available upon customer's request.



## 主要技术参数 Main technical specifications:

参数名称/Specification	单位/Unit	CK5363	CK5380	CK53100	CK53125	CK53160
工作台直径 Table diameter	mm	4500/5700	4500/5700	5700/6300	6300/7100/8000	7100/7500/8000/10000
最大切削直径 Max turning diameter	mm	6300	8000	10000	12500	16000
垂直刀架至中心最大切削直径 Max turning diameter between railhead and center	mm	4500 5700	4500 5700	6300	6300 8000	8000 10000
最大工件高度 (含辅助夹爪高度) Max height of work piece	mm	2500 3150 3500	3150 3500	4000 5000	4000 5000 5600	5000 6000
最大工件(含辅助夹爪)重量 Max weight of work piece(ton)	t	32/40/50	32/50/63	80/100	80/100/150/250	150/200/250/500
立刀架水平行程 Horizontal travel of railhead	mm	2250	2250	3400	3400/4300	4300
立刀架垂直行程 Vertical travel of railhead	mm	1250/1600	1250 1600	1600 2000	1600/2000 2500/2750	2500 2750
滑枕截面 Ram section	mm × mm	□240 □280	□240 □280	□280 □320	□280 □320 □360 □400	□320 □360 □400
立刀架最大切削力 Max cutting force of railhead	KN	40/50/63	50/63	63	63/80	63/80/100
* 侧刀架最大切削力 Max cutting force of sidehead	KN	31.5	31.5	31.5	31.5	31.5
* 总切削力 Total cutting force	KN	63/80	63/80	80	80	80
垂直刀架搬度极限(普通型) Swivel of railhead (Conventional type)		±30° -15° ~ +30°	±30° -15° ~ +30°	-15° ~ +30°	-15° ~ +30° ±15°	-15° ~ +30° ±15°
工作台最大扭矩 Max torque of table	KN/M	125	125	250/320	320/630	630/800
工作台转速级数 Table speed		无级/Infinitely variable	无级/Infinitely variable	无级/Infinitely variable	无级/Infinitely variable	无级/Infinitely variable
* 工作台转速范围 Speeds range of table	r/min	0.4-40	0.4-40	0.25-25 0.32-32	0.16-16 0.25-25	0.16-16 0.2-20
刀架进给范围 Feed range of tool head	mm	0.1 ~ 1000	0.1 ~ 1000	0.1 ~ 1000	0.1 ~ 1000	0.1 ~ 1000
		1 ~ 500	1 ~ 500	1 ~ 500	1 ~ 500	1 ~ 500
刀架快速移动速度 Rapid traverse of head		4000	4000	4000	4000	4000
横梁升降速度 Crossrail travel speed	mm/min	280	280	280	250	250
横梁最大行程 Max travel of crossrail	mm	2600 2950	2600 2950	3000 3600	3000 3600 3800/4300	3800 4300
立柱移动最大行程 Max travel of column	mm	1150	2000	2000	2500	4300
立柱移动速度 Column moving speed	mm/min	200	200	200	200	200
主电机功率 Main motor Power	KW	DC:75	DC:75	DC:110	DC:110/132	DC:132/160
横梁升降电机功率 Crossrail moving motor	KW	18.5	18.5	30	30/37	37
立柱移动电机功率 Column moving motor	KW	7.5	7.5	7.5	7.5/18.5	18.5

单柱移动立式车床系列

打\*字为用户选项



CKS5225

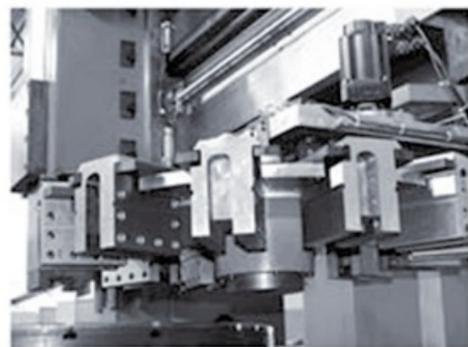


CKS5116 x 12/8

### 可增加辅助功能：



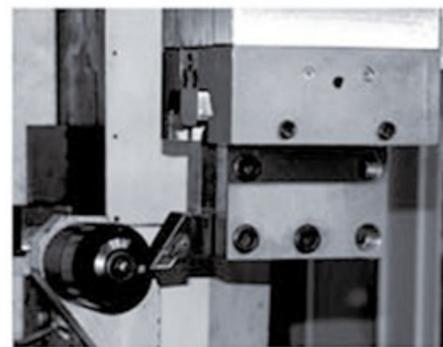
车铣刀库  
Frequency conversion



车刀库  
Turning Tool Magazine



磨头  
Grinding Head



机内对刀装置  
Internal Device for Cutting Tool Pre-Setting



数控高速立车系列以高速，高效为显著特点，用于加工精度要求较高的各类工件，工作台导轨为大型的滚动轴承，满足机床高速切削要求，在传动部分配置两档机械变速箱，主电机为交流变频电机或直流电机，操作编程为标准的国际代码，操作只需要简单培训即可进行单独工作。

数控系统采用西门子、法那克、或发格系统。

根据滑枕的形式可选择四工位电动刀台或标准车刀夹。

CNC High Speed Vertical Turning Lathes are featured with high speed and high efficiency and they are used to machine various parts with high precision requirements. The table guideways are large ball bearings to satisfy the requirements on high speed cutting. In the transmission, it is equipped with two mechanical shifts. The main motor is AC Variable Frequency Drive or DC motor. The operational codes are standard international ones and only basic training is required for the operation before the operator runs the machine independently.

CNC system is optional with Siemens, Fanuc or Fagor.

The four-position electrical tool post or standard turning tool clamber are available according to the type of ram.

## 主要技术参数 Main Technical Specifications:

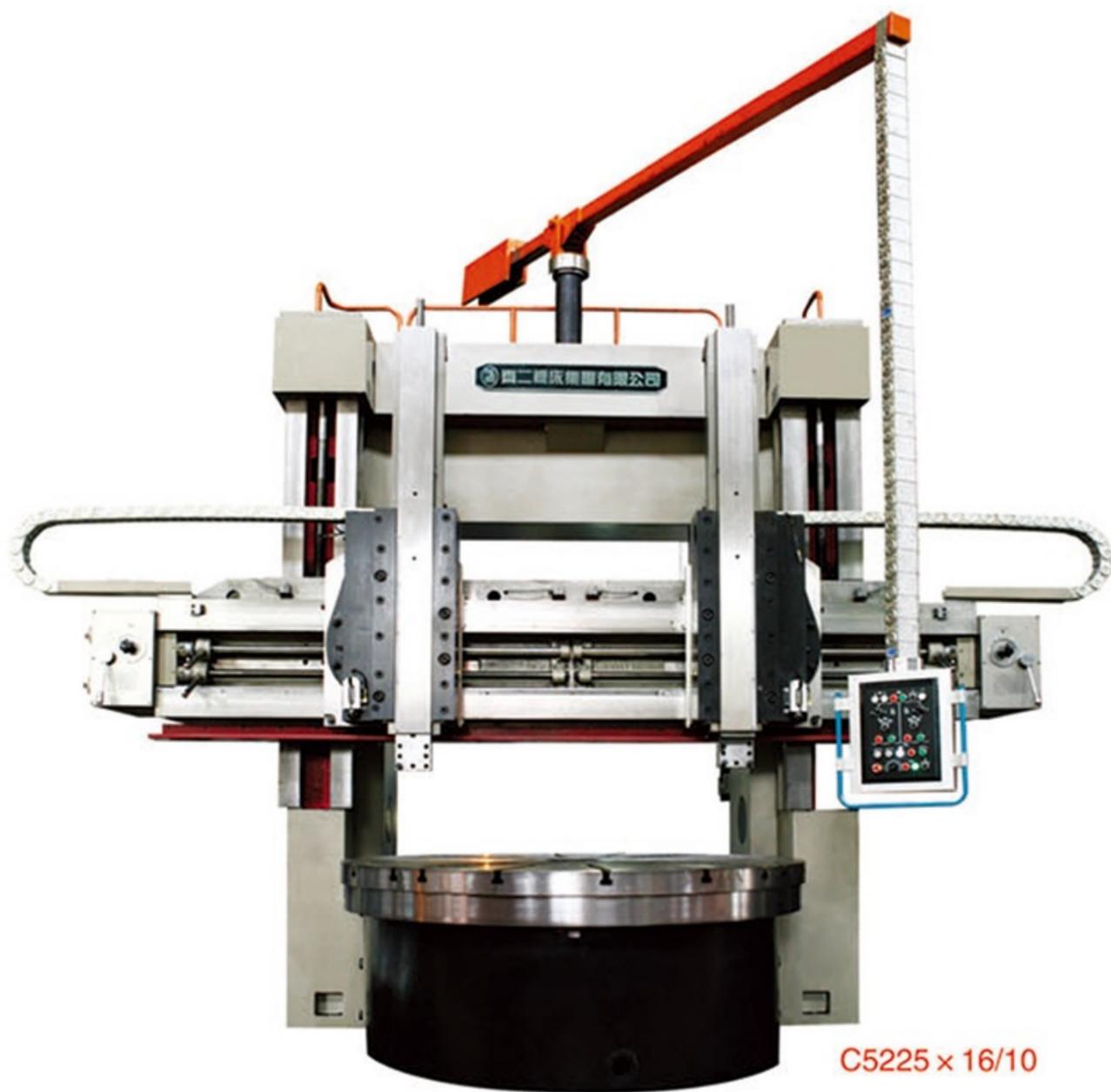
参数名称	Specification	单位/Unit	CKS5116	CKS5120	CKS5225
工作台直径	Table Diameter	mm	1250	1800	2250
最大加工直径	Max. Machining Diameter	mm	1600	2000	2500
最大工件高度	Max. Workpiece Height	mm	1250	1600	1600/2000
最大工件重量	Max. Workpiece Weight	t	8(≤80rpm)	12(≤50rpm)	16/20
刀杆截面尺寸	Arbor Section	mm	32×32	40×40	40×40
垂直刀架最大切削力	Max. Cutting Force of Railhead	KN	16	25	32
工作台最大扭矩	Max. Torque of Table	KNm	10	25	32
工作台转速 级数	Table Speed, Steps		无级/Infinitely Variable		
范围	Range	r.min	3.15 ~ 315	2 ~ 250	1.6-200
进给量范围	Feed Range	mm/min	0.1-2000	0.1-2000	0.1-2000
垂直刀架行程 水平	Railhead Travel Horizontal	mm	-20 ~ 1000	-20 ~ 1250	-20-1500
垂直	Vertical	mm	800	1000	1000/1250
垂直刀架快速移动速度	Rapid Traverse Rate of Railhead	mm/min	12000	10000	4000
横梁最大行程	Max. Travel of Crossrail	mm	1000	1200	1250/1650
横梁分级定位 节距	Crossrail Positioning, Pitches	mm	125	200	-
级数	Steps		8(9位置)	6(7位置)	-
横梁升降速度	Crossrail Travel Rate	mm/min	410	360	350
主电机功率	Main Motor Power	kw	30(AC)	55(DC)	55(DC)
横梁升降电机功率	Cross Rail Motor Power	kw	7.5	11	11
数控系统	CNC System		西门子802D/FANUC Oi-TC		
联动轴数	No. of Axes Controlled Simultaneously		2	2	2
滑枕截面	Ram Section	mm	□200/T型	□220/T型	□220/T型



C5116 x 10/5



侧刀架



C5225 x 16/10



单、双柱立式车系列是用于粗、精加工的主要设备，其传统的结构使整机显得更加紧凑，传统的机械变速进给系统操作更加容易，通用性强维修方便。

机床可选配数显装置、侧刀架等功能部件。

Vertical turning lathes with single column or double columns are the major equipments for the rough and fine machining operations. Its traditional structure makes the whole machine more compact and its traditionally mechanical transmission system makes it easier to operate, high versatility and convenient for maintenance.

The machine can be installed with optional devices, such as DRO device, side railhead and others.

参数名称	Specification	单位/Unit	C5112	C5116
工作台直径	Table Diameter	mm	1010	1400
最大车削直径	Max. Turning diameter	mm	1250	1600
最大工件高度	Max. Workpiece Height	mm	1000	1000/1400
最大工件重量	Max. Workpiece Weight	t	5	5
刀杆截面尺寸	Arbor Section	mm	40 × 30	40 × 40
垂直刀架最大切削力	Max. Cutting force of Vertical Railhead	k.N	20	25
侧刀架最大切削力	Max. Cutting Force of Side Railhead	k.N	20	20
工作台最大扭矩	Max. Torque of Table	Nm	17500	25000
工作台转速 范围/级数	Table Speed, Range/Steps	r/min	6.3~ 200/16	5 ~ 160/16
刀架进给量 范围/级数	Railhead Feed, Range/Steps	mm/min	0.8 ~ 86/12	0.8 ~ 86/12
垂直刀架行程 水平/垂直	Vertical Railhead Travel, Horizontal/Vertical	mm	700/650	915/800
侧刀架行程 水平/垂直	Side Railhead Travel, Horizontal/Vertical	mm	500/980	500/980
垂直刀架扳度极限	Max. Swivel of Vertical Railhead		± 30°	± 30°
刀架快速移动速度	Railhead Rapid Traverse	mm/min	1800	1800
横梁行程	Crossrail Travel	mm	750	760/1160
横梁升降速度	Crossrail Traverse Rate	mm/min	440	440
主电机功率	Main Motor Power	KW	AC22	AC30

参数名称	Specification	单位/Unit	C5225
最大加工直径	Max. Machining Diameter	mm	2500
工作台直径	Table Diameter	mm	2250
最大工件高度	Max. Workpiece Height	mm	1600/2000
最大工件重量	Max. Workpiece Weight	t	10
刀杆截面尺寸	Arbor Section	mm	40 × 50
刀架最大切削力	Max. Cutting Force of Railhead	KN	右/35 左/28
工作台最大扭矩	Max. Torque of Table	KN.m	63
工作台转速	Table Speed Range	r/min	2~63/16级
刀架进给量范围	Railhead Feed Range	mm/min	0.25~90/18级
刀架快速移动速度	Railhead Rapid Speed	mm/min	1550
刀架水平最大行程	Max. Horizontal Travel of Railhead	mm	-20~1400
刀架垂直最大行程	Max. Vertical Travel of Railhead	mm	1000
左刀架水平搬度范围	Swivel Range of Railhead		± 30°
横梁最大行程	Max. Travel of Crossrail	mm	1250 / 1650
横梁升降速度	Crossrail Travel Speed	mm/min	350
滑枕截面尺寸	Ram Section	mm	T200 × 255
主电机功率	Main Motor Power	KW	AC55



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