

LUZHONG 山东鲁重机床有限公司 SHANDONG LUZHONG MACHINE TOOL CO.,LTD.



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山东鲁重机床有限公司（总部）

国内销售部：0632 5083087
国际销售部：0086 632 5083086
网址：www.luzhongmc.com
微信：luzhongmc
邮箱：info@luzhongmc.com
地址：山东省枣庄市滕州市经济开发区龙泉南路3211号

SHANDONG LUZHONG MACHINE TOOL CO.,LTD. (Head Office)

Phone : 0086 632 5083086
Website : www.lzcnmachine.com
Email : info@luzhongmc.com
WeChat : luzhongmachine
Address : No. 3211, Longquan South Road, Economic Development Zone,
Tengzhou City, Zaozhuang City, Shandong Province, China

鲁重国际有限公司（分部）

地址：香港九龙弥敦道540-544号祥兴大厦11楼

LUZHONG INTERNATIONAL CO., LTD. (Branch)

Address : 11/F Cheung Hing Building 540-544 Nathan Road Yau Ma Tei

山东鲁重数控机床有限公司（分部）

地址：山东省枣庄市滕州市鲁班大道

SHANDONG LUZHONG CNC MACHINE TOOL CO., LTD. (Branch)

Address: Luban Avenue, Tengzhou City, Shandong Province, China.



山东鲁重机床有限公司

SHANDONG LUZHONG MACHINE TOOL CO.,LTD.

CNC MACHINE TOOL

山东鲁重机床有限公司是一家拥有30多年制造经验的大型数控机床生产企业。公司占地面积10万平方米，拥有先进机加工设备100多台，精密检测设备50台。先进的生产流程和信息化的车间为生产提供了有力保障。

公司员工200多人，包括30多名高级工程师和100多名高级技能人才，为企业产品创新升级，智能化制造提供了坚实技术保障和生产基石。

主要产品有：数控立式加工中心、数控卧式加工中心、数控龙门加工中心、数控铣床、平床身数控车床、斜床身数控车床、立式数控车床、车床、铣床等，年生产能力达到2500多台，涵盖20多个品种、100多个型号。机器广泛应用于军工航天、汽车、电力IT、工程机械、船舶、石油等行业，并荣获多项奖项和专利。

Shandong Luzhong Machine Tool Co., Ltd. is a large-scale CNC machine tool manufacturer with more than 30 years of manufacturing experience. The company covers an area of 100,000 square meters and has more than 100 sets of outstanding machining equipment and 50 sets of precision testing equipment. Advanced production processes and information-based workshops provide a strong guarantee for production.

The company has more than 200 employees, including more than 30 senior engineers and more than 100 senior skilled personnel, which provides solid technical support as well as production cornerstones for the company's product innovation upgrading and intelligent manufacturing.

The main products are: CNC vertical machining center, CNC horizontal machining center, CNC gantry machining center, CNC milling machine, flat bed CNC lathe, Slant bed CNC lathe, vertical CNC lathe, lathe machine, milling machine, etc. The annual production capacity reaches 2500 Multiple units, covering more than 20 varieties and more than 100 models. The machines are widely used in military aerospace, automobile, power IT, engineering machinery, shipbuilding, petroleum and other industries, also have won many awards and patents.



企业荣誉

Enterprise honor

除了 ISO、WIPO、CE、BV、TUV、SGS，EAC 证书外，我们还可以根据您的要求提供任何其他证书。我们的机器已出口到 150 多个国家和地区，覆盖北美、欧洲、南美、中东、东南亚等。我们致力于拓展全球市场，以长期稳定的合作和发展为战略目标，为客户提供专业的海外技术指导 and 完善的售后服务。

“好机床，鲁重造”。让我们一起合作共赢，以智造赋能未来！

In addition to ISO, WIPO, CE, BV, TUV, SGS, EAC certificates, we can also provide any other certificates according to your requirements. Our machines have been exported to more than 150 countries and regions, covering North America, Europe, South America, the Middle East, Southeast Asia, etc. We are committed to expanding the global market, taking long-term, stable cooperation and development as our strategic goal, and providing customers with professional overseas technical guidance and complete after-sales services.

"Best Machine by LUZHONG". Let us work together for a win-win situation and empower the future with intelligent manufacturing!



ENTERPRISE HONOR



ISO认证
ISO CERTIFICATE

ISO认证
ISO CERTIFICATE

ISO认证
ISO CERTIFICATE

ISO认证
ISO CERTIFICATE

CE认证
CE CERTIFICATE



CE证书
CE CERTIFICATE

CE证书
CE CERTIFICATE

BV证书
BV CERTIFICATE

SGS证书
SGS CERTIFICATE

TUV证书
TUV CERTIFICATE



商标
LOGO CERTIFICATE

WIPO证书
WIPO CERTIFICATE

专利证书
PATENT CERTIFICATE

专利证书
PATENT CERTIFICATE

质检报告
INSPECTION REPORT



ERP认证
ERP CERTIFICATE

PVOC证书
PVOC CERTIFICATE

SONCAP证书
SONCAP CERTIFICATE

校准认证
CALIBRATE CERTIFICATE

漆面认证
LACQUER CERTIFICATE

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CNC Vertical Lathe Machine

XH7126/XH7136

Vertical Machining Center/CNC Milling Machine

加工中心/数控铣床



SPECIFICATIONS		Units	XH7126	XH7136
工作台尺寸	Table size	mm	800*300	900*400
X轴行程	X axis travel	mm	600	800
Y轴行程	Y axis travel	mm	320	400
Z轴行程	Z axis travel	mm	450	500
工作台最大承重	Max. worktable load	kg	300	450
T型槽 (数量-宽度×间隙)	T slot(number-width×pitch)	-	3-16*90	3-18*120
主轴转速	Max. spindle speed	rpm	8000	8000
主轴锥度	Spindle taper	mm	BT40	BT40
主电机功率	Main motor power	kw	5.5	5.5
X/Y/Z轴快速速度	X/Y/Z rapid traverse speed	m/min	24/24/20	24/24/20
切削进给速度	Cutting feed speed	mm/min	1-10000	1-10000
导轨形式	Guide rail type	-	线轨Linear rail	线轨Linear rail
主轴中心到立柱表面距离	Distance from spindle axis to column surface	mm	410	520
主轴端到工作台表面距离	Distance between spindle nose and table surface	mm	100-550	130-630
定位精度	Positioning accuracy	mm	0.0075	0.0075
重复定位精度	Repeat positioning accuracy	mm	0.005	0.005
刀库	Tool magazine	-	斗笠Armless 16	圆盘Arm 16
刀具最大直径	Max. tool diameter	mm	φ90	78/120
刀具最大重量	Max. tool weight	kg	8	8
机床重量	Machine weight	kg	3000	4000
外形尺寸(长×宽×高)	Overall dimension(L*W*H)	mm	1900*1700*2100	2500*2050*2550

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

VMC640

Vertical Machining Center/CNC Milling Machine

加工中心/数控铣床



SPECIFICATIONS		Units	VMC640
工作台尺寸	Table size	mm	800*300
X轴行程	X axis travel	mm	600
Y轴行程	Y axis travel	mm	360
Z轴行程	Z axis travel	mm	450
工作台最大承重	Max. worktable load	kg	300
T型槽 (数量-宽度×间距)	T slot(number-width×pitch)	-	3-16*90
主轴转速	Max. spindle speed	rpm	8000
主轴锥度	Spindle taper	mm	BT40
主电机功率	Main motor power	kw	5.5
X/Y/Z轴快速移动速度	X/Y/Z rapid traverse speed	m/min	24/24/20
切削进给速度	Cutting feed speed	mm/min	1-10000
导轨形式	Guide rail type	-	线轨Linear rail
主轴中心到立柱表面距离	Distance from spindle axis to column surface	mm	410
主轴端到工作台表面距离	Distance between spindle nose and table surface	mm	100-550
定位精度	Positioning accuracy	mm	0.0075
重复定位精度	Repeat positioning accuracy	mm	0.005
刀库	Tool magazine	-	斗笠Armless 16
刀具最大直径	Max. tool diameter	mm	φ90
刀具最大重量	Max. tool weight	kg	8
机床重量	Machine weight	kg	3000
外形尺寸(长×宽×高)	Overall dimension(L*W*H)	mm	1900*1700*2100

VMC650/ VMC840

Vertical Machining Center/CNC Milling Machine
加工中心/数控铣床



标准配置 Standard configuration

- KND1000/GSK980MDi系统 KND1000/GSK980MDi control system
- BT40台湾8K主轴 BT40 taiwan 8000 RPM spindle
- 台湾丝杠 Taiwan screw
- 台湾三轴滚柱线轨 Taiwan 3 axis roller linear rails
- 台湾16T圆盘刀库 Taiwan 16 arm tool magazine
- 电器柜空调 Electrical cabinet air conditioner

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

可选配置 Optional configuration

- 西门子, 发那科, 三菱, 新代
Siemens, FANUC, Mitsubishi, Syntec
- 主轴直连
Direct drive spindle
- 主轴油冷
Spindle oil cooler
- 主轴中心出水
Coolant through spindle
- 链式排屑机
Chain type chip conveyor
- 螺旋式排屑机
Screw type chip conveyor
- 第四轴
Fourth axis
- 对刀仪
Tool setting probe
- 工件测量
Workpiece measuring probe

SPECIFICATIONS	Units	VMC650	VMC840
工作台尺寸 Table size	mm	800*400	900*450
X轴行程 X axis travel	mm	650	800
Y轴行程 Y axis travel	mm	400	400
Z轴行程 Z axis travel	mm	500	500
工作台最大承重 Max. worktable load	kg	400	450
T型槽 (数量×宽度×间距) T slot(number-width* pitch)	-	3-18*120	3-18*120
主轴转速 Max. spindle speed	rpm	8000	8000
主轴锥度 Spindle taper	mm	BT40	BT40
主电机功率 Main motor power	kw	5.5	5.5
X/Y/Z轴快速速度 X/Y/Z rapid traverse speed	m/min	24/24/20	24/24/20
切削进给速度 Cutting feed speed	mm/min	1-10000	1-10000
导轨形式 Guide rail type	-	线轨Linear rail	线轨Linear rail
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	469	520
主轴端部到工作台表面距离 Distance between spindle nose and table surface	mm	115-615	115-615
定位精度 Positioning accuracy	mm	0.0075	0.0075
重复定位精度 Repeat positioning accuracy	mm	0.005	0.005
刀库 Tool magazine	-	圆盘Arm 16	圆盘Arm 16
刀具最大直径 Max. tool diameter	mm	78/120	78/120
刀具最大重量 Max. tool weight	kg	8	8
机床重量 Machine weight	kg	3800	4000
外形尺寸(长×宽×高) Overall dimension(L*W*H)	mm	2400*2000*2550	2500*2050*2550

VMC850/ VMC855 VMC860/ VMC1050

Vertical Machining Center/CNC Milling Machine

加工中心/数控铣床



标准配置 Standard configuration

- GSK25i系统 GSK25i control system
- BT40台湾8K主轴 BT40 taiwan 8000 RPM spindle
- 台湾丝杠 Taiwan screw
- 台湾三轴滚柱线轨 Taiwan 3 axis roller linear rails
- 台湾24T圆盘刀库 Taiwan 24 arm tool magazine
- 电器柜空调 Electrical cabinet air conditioner

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

可选配置 Optional configuration

- 西门子, 发那科, 三菱, 新代
Siemens, FANUC, Mitsubishi, Syntec
- 主轴直连
Direct drive spindle
- 主轴油冷
Spindle oil cooler
- 主轴中心出水
Coolant through spindle
- 链式排屑机
Chain type chip conveyor
- 螺旋式排屑机
Screw type chip conveyor
- 第四轴
Fourth axis
- 第五轴
Fifth axis
- 对刀仪
Tool setting probe
- 工件测量
Workpiece measuring probe

SPECIFICATIONS	Units	VMC850	VMC855	VMC860	VMC1050
工作台尺寸 Table size	mm	1000*500	1000*550	1000*550	1000*500
X轴行程 X axis travel	mm	800	850	850	1000
Y轴行程 Y axis travel	mm	500	550	600	500
Z轴行程 Z axis travel	mm	500	550	600	500
工作台最大承重 Max. worktable load	kg	500	600	600	500
T型槽 (数量*宽度*间距) T slot(number-width* pitch)	-	5-18*90	5-18*90	5-18*90	5-18*90
主轴转速 Max. spindle speed	rpm	8000	8000	8000	8000
主轴锥度 Spindle taper	mm	BT40	BT40	BT40	BT40
主电机功率 Main motor power	kw	7.5	7.5	7.5	7.5
X/Y/Z轴快速速度 X/Y/Z rapid traverse speed	m/min	24/24/20	24/24/20	24/24/20	24/24/20
切削进给速度 Cutting feed speed	mm/min	1-8000	1-8000	1-8000	1-8000
导轨形式 Guide rail type	-	线轨Linear rail	线轨Linear rail	线轨Linear rail	线轨Linear rail
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	525	590	590	525
主轴端部到工作台表面距离 Distance between spindle nose and table surface	mm	130-630	100-650	90-690	130-630
定位精度 Positioning accuracy	mm	0.0075	0.0075	0.0075	0.0075
重复定位精度 Repeat positioning accuracy	mm	0.005	0.005	0.005	0.005
刀库 Tool magazine	-	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
刀具最大直径 Max. tool diameter	mm	78/120	78/120	78/120	78/120
刀具最大重量 Max. tool weight	kg	8	8	8	8
机床重量 Machine weight	kg	5000	5500	5600	5200
外形尺寸(长*宽*高) Overall dimension(L*W*H)	mm	2600*2300*2800	2900*2400*2800	2900*2400*2800	3200*2400*2800

VMC1160/ VMC1165 VMC1265

Vertical Machining Center/CNC Milling Machine
加工中心/数控铣床



标准配置 Standard configuration

- GSK25i系统 GSK25i control system
- BT40台湾8K主轴 BT40 taiwan 8000 RPM spindle
- 台湾丝杠 Taiwan screw
- 台湾滚柱线轨 Taiwan roller linear rails
- 台湾24T圆盘刀库 Taiwan 24 arm tool magazine
- 电器柜空调 Electrical cabinet air conditioner

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

可选配置 Optional configuration

- 西门子, 发那科, 三菱, 新代
Siemens, FANUC, Mitsubishi, Syntec
- 主轴直连
Direct drive spindle
- 主轴油冷
Spindle oil cooler
- 主轴中心出水
Coolant through spindle
- 链式排屑机
Chain type chip conveyor
- 螺旋式排屑机
Screw type chip conveyor
- 第四轴
Fourth axis
- 第五轴
Fifth axis
- 对刀仪
Tool setting probe
- 工件测量
Workpiece measuring probe

SPECIFICATIONS	Units	VMC1160	VMC1165	VMC1265
工作台尺寸 Table size	mm	1200*600	1200*600	1300*650
X轴行程 X axis travel	mm	1100	1100	1200
Y轴行程 Y axis travel	mm	600	650	650
Z轴行程 Z axis travel	mm	600	600	650
工作台最大承重 Max. worktable load	kg	1000	1000	800
T型槽 (数量*宽度*间距) T slot(number-width* pitch)	-	5-18*100	5-18*100	5-18*120
主轴转速 Max. spindle speed	rpm	8000	8000	8000
主轴锥度 Spindle taper	mm	BT40	BT40	BT40
主电机功率 Main motor power	kw	11	11	11
X/Y/Z轴快速移动速度 X/Y/Z rapid traverse speed	m/min	24/24/20	24/24/20	24/24/20
切削进给速度 Cutting feed speed	mm/min	1-8000	1-6000	1-6000
导轨形式 Guide rail type	-	线轨Linear rail	线轨Linear rail	线轨Linear rail
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	650	665	670
主轴端面到工作台表面距离 Distance between spindle nose and table surface	mm	120-720	120-720	120-770
定位精度 Positioning accuracy	mm	0.0075	0.0075	0.0075
重复定位精度 Repeat positioning accuracy	mm	0.005	0.005	0.005
刀库 Tool magazine	-	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
刀具最大直径 Max. tool diameter	mm	78/120	78/120	78/120
刀具最大重量 Max. tool weight	kg	8	8	8
机床重量 Machine weight	kg	6800	7000	7200
外形尺寸(长*宽*高) Overall dimension(L*W*H)	mm	3400*2500*2960	3400*2550*2960	3600*2550*3050

VMC1370/ VMC1375

Vertical Machining Center/CNC Milling Machine

加工中心/数控铣床



标准配置 Standard configuration

- GSK25i系统
GSK25i control system
- BT40台湾8K主轴/BT50台湾6K主轴
BT40 taiwan 8000 RPM spindle /BT50 taiwan 6000 RPM spindle
- 台湾丝杠
Taiwan screw
- 台湾滚柱线轨
Taiwan roller linear rails
- 台湾24T圆盘刀库
Taiwan 24 arm tool magazine
- 电器柜空调
Electrical cabinet air conditioner

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

可选配置 Optional configuration

- 西门子,发那科,三菱,新代
Siemens, FANUC, Mitsubishi, Syntec
- 主轴直连
Direct drive spindle
- 主轴油冷
Spindle oil cooler
- 主轴中心出水
Coolant through spindle
- 链式排屑机
Chain type chip conveyor
- 螺旋式排屑机
Screw type chip conveyor
- 第四轴
Fourth axis
- 第五轴
Fifth axis
- 对刀仪
Tool setting probe
- 工件测量
Workpiece measuring probe

SPECIFICATIONS	Units	VMC1370	VMC1375	VMC1370
工作台尺寸 Table size	mm	1400*700	1400*700	1360*700
X轴行程 X axis travel	mm	1300	1350	1300
Y轴行程 Y axis travel	mm	700	750	700
Z轴行程 Z axis travel	mm	700	750	600
工作台最大承重 Max. worktable load	kg	1000	1000	1300
T型槽 (数量*宽度*间距) T slot(number-width* pitch)	-	5-18*90	5-18*90	5-18*120
主轴转速 Max. spindle speed	rpm	8000	8000	6000
主轴锥度 Spindle taper	mm	BT40	BT40	BT50
主电机功率 Main motor power	kw	11	11	15
X/Y/Z轴快速速度 X/Y/Z rapid traverse speed	m/min	24/24/20	24/24/20	20/20/15
切削进给速度 Cutting feed speed	mm/min	1-6000	1-6000	1-6000
导轨形式 Guide rail type	-	线轨Linear rail	线轨Linear rail	两线一硬 X/Y axis linear rail Z axis hard rail
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	720	730	780
主轴端部到工作台表面距离 Distance between spindle nose and table surface	mm	150-850	150-900	87-687(Opt.150-750)
定位精度 Positioning accuracy	mm	0.0075	0.0075	0.0075
重复定位精度 Repeat positioning accuracy	mm	0.005	0.005	0.005
刀库 Tool magazine	-	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
刀具最大直径 Max. tool diameter	mm	78/120	78/120	112/200
刀具最大重量 Max. tool weight	kg	18	18	18
机床重量 Machine weight	kg	8000	8500	10500
外形尺寸(长*宽*高) Overall dimension(L*W*H)	mm	3800*3000*3000	3850*3100*3100	3800*3000*3000

VMC1580/ VMC1690 VMC1890

Vertical Machining Center/CNC Milling Machine

加工中心/数控铣床



标准配置 Standard configuration

- | | | | |
|--------------|------------------------------|-------------|------------------------------------|
| • GSK25i系统 | GSK25i control system | • 台湾滚柱线轨 | Taiwan roller linear rails |
| • BT50台湾6K主轴 | BT50 taiwan 6000 RPM spindle | • 台湾24T圆盘刀库 | Taiwan 24 arm tool magazine |
| • 台湾丝杠 | Taiwan screw | • 电器柜空调 | Electrical cabinet air conditioner |

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

可选配置 Optional configuration

- | | |
|--|--------------------------------------|
| • 西门子, 发那科, 三菱, 新代
Siemens, FANUC, Mitsubishi, Syntec | • 螺旋式排屑机
Screw type chip conveyor |
| • 主轴直连
Direct drive spindle | • 第四轴
Fourth axis |
| • 主轴油冷
Spindle oil cooler | • 第五轴
Fifth axis |
| • 主轴中心出水
Coolant through spindle | • 对刀仪
Tool setting probe |
| • 链式排屑机
Chain type chip conveyor | • 工件测量
Workpiece measuring probe |

SPECIFICATIONS	Units	VMC1580	VMC1690	VMC1890
工作台尺寸 Table size	mm	1700*800	1800*900	2000*900
X轴行程 X axis travel	mm	1500	1600	1800
Y轴行程 Y axis travel	mm	800	900	900
Z轴行程 Z axis travel	mm	700	700	700
工作台最大承重 Max. worktable load	kg	1500	1600	1600
T型槽 (数量*宽度*间距) T slot(number-width* pitch)	-	5-22*135	5-22*165	5-22*165
主轴转速 Max. spindle speed	rpm	6000/8000	6000/8000	6000/8000
主轴锥度 Spindle taper	mm	BT50	BT50	BT50
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5
X/Y/Z轴快速速度 X/Y/Z rapid traverse speed	m/min	20/20/15	20/20/15	20/20/15
切削进给速度 Cutting feed speed	mm/min	1-5000	1-5000	1-5000
导轨形式 Guide rail type	-	线轨Linear rail / 两线一硬 X/Y axis linear rail Z axis hard rail		
主轴中心到立柱表面距离 Distance from spindle axis to column surface	mm	810	950	950
主轴端面到工作台表面距离 Distance between spindle nose and table surface	mm	130-830	105-805	115-815
定位精度 Positioning accuracy	mm	0.01	0.01	0.01
重复定位精度 Repeat positioning accuracy	mm	0.0075	0.0075	0.0075
刀库 Tool magazine	-	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
刀具最大直径 Max. tool diameter	mm	112/200	112/200	112/200
刀具最大重量 Max. tool weight	kg	18	18	18
机床重量 Machine weight	kg	13000	15000	15500
外形尺寸(长*宽*高) Overall dimension(L*W*H)	mm	4300*3200*3100	4500*3350*3200	5100*3800*3200

VMC系列配置及特点 (例VMC1160)

VMC Series Configuration and Features (For example VMC1160)

标准配置 Standard configuration



- 高强度的优质铸铁，大跨距的床身底座和立柱结构
High strength high quality cast iron, long span bed base and vertical column structure



- 台湾精密丝杠，丝杠轴承采用SKF或NACHI轴承，联轴器R+W直联
Taiwan precision lead screw, lead screw bearing using SKF or NACHI bearing, coupling R+W directly connected



- 台湾高速滚柱线性导轨，定位精度可达到μm级
Taiwan high speed roller linear guide rail, positioning accuracy can reach μm class



- 台湾8K主轴单元，通过动平衡ISO等级测试
Taiwan 8K spindle unit, passed dynamic balance ISO rating test



- 台湾主轴打刀缸
Taiwan spindle tool unclamp cylinder



- 台湾24T圆盘式刀库，双臂夹持快速交换
Taiwan 24 Arm tool magazine, double arm clamping to make a fast exchange



- 施耐德安全电器元件以及快速插头
Schneider safety electrical components and quick plug



- 工业电器柜空调
Industrial electrical cabinet air conditioner



- 自动集中润滑装置
Automatic centralized lubrication device



- 储气罐，保证主轴换刀的稳定性
Air storage tank to ensure the stability of spindle tool change



- 高压气枪和高压水枪
High-pressure air guns and high-pressure water guns



- 每台设备经过雷尼绍激光干涉仪和球杆仪检测
Each machine passed Renishaw laser interferometer testing and Balbar testing

VERTICAL MACHINING CENTER / CNC MILLING MACHINE

可选配置 Optional configuration



GSK
GSK



西门子
Siemens



发那科
FANUC



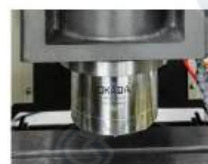
三菱
Mitsubishi



凯恩帝
KND



新代
SYNTEC



10000转主轴
10000 RPM spindle



12000转直连主轴
12000RPM direct drive spindle



主轴油冷
Spindle oil cooler



主轴中心出水
Coolant through spindle



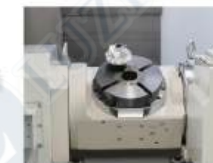
第四轴
Fourth axis



圆转尾座
CNC rotary tailstock



桥板
Clamping bridge for 4th axis



第五轴
Fifth axis



链式排屑机
Chain type chip conveyor



螺旋式排屑机
Screw type chip conveyor



工件测量
Workpiece measuring probe



对刀仪
Tool setting probe



油水分离器
Oil-water separator



油雾收集器
Oil mist collector



安全门
Safety door



自动门
Automatic door

HMC1075/HMC1290 HMC1814

Horizontal Machining Center
卧式加工中心



标准配置 Standard configuration

- 广数系统 GSK25i system
- BT50台湾6K主轴 BT50 taiwan 6000 RPM spindle
- 台湾丝杠 Taiwan screw
- X/Z台湾线轨 X/Z Taiwan linear rails
- 台湾24T圆盘刀库 Taiwan 24 arm tool magazine
- 电器柜空调 Electrical cabinet air conditioner

HORIZONTAL MACHINING CENTER

主要配置明细 Main configuration details

- 主轴单元：键槽/冈田/丹径
Spindle unite : KENTURN/OKADA/VOLIS
- 增压缸：铁凝
Knife cylinder : TENIO
- 轴承：SKF/NACHI
Bearing: SKF/NACHI
- 联轴器：R+W
Coupling: R+W
- 刀库：冈田/德速
Tool magazine : OKADA/AMACH
- 丝杠：上银/银泰
Lead screw : HIWIN /PMI
- 线轨：上银/银泰
Linear rails : HIWIN /PMI
- 润滑油泵：河谷
Lubrication pump : HERG
- 导轨防护：海东
Guide rail protection: Haidong
- 电器件：施耐德
Electricals : Schneider

SPECIFICATIONS	Units	HMC1075	HMC1290	HMC1814
工作台尺寸 Table size	mm	1300*600	1360*700	2000*900
工作台左右行程(X轴) X axis travel	mm	1000	1200	1800
主轴箱上下行程(Y轴) Y axis travel	mm	750	900	1400
工作台前后行程(Z轴) Z axis travel	mm	600	700	900
主轴中心到工作台面距离 Distance from spindle center to table surface	mm	150-900	140-1040	140-1540
主轴端到工作台中心距离 Distance between spindle nose and table center	mm	90-690	150-850	200-1100
T型槽 (数量-宽度×间距) T slot(number-width*pitch)	mm	5-18*100	5-18*122	5-22*165
工作台最大承重 Max. worktable load	kg	800	1000	1600
主电机功率 Main motor power	kw	7.5/11	15/18.5	15/18.5
主轴锥度 Spindle taper		BT40	BT50	BT50
主轴转速 Max. spindle speed	rpm	8000	6000	6000
切削进给速度 Cutting feed speed	mm/min	1-10000	1-10000	1-10000
快移速度 Rapid traverse speed	m/min	24/12/24	20/12/20	18/12/18
刀库 Tool magazine		圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
刀具最大直径 Max. tool diameter	mm	112/200	112/200	112/200
刀具最大长度 Max. tool length	mm	400	400	400
刀具最大重量 Max. tool weight	kg	18	18	18
刀具交换时间 (刀对刀) Tool change time (tool to tool)	sec	3	3	3
机床最小设定单位 Machine minimum setting unit	mm	0.001	0.001	0.001
X、Y、Z向定位精度 X,Y,Z axis positioning accuracy	mm	0.0075	0.0075	0.0075
X、Y、Z向重复定位精度 X,Y,Z axis repeat positioning accuracy	mm	0.005	0.005	0.005
机床重量 Machine weight	kg	7500	10000	13000
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	4600*3200*3000	4800*3400*3100	5500*3600*3300

HMC500/HMC630/HMC800 HMC1000

Horizontal Machining Center
卧式加工中心



标准配置 Standard configuration

- 发那科系统
FANUC system
- 单工位一度一分工作台
Single table with one point per degree
- BT50台湾6K主轴
Taiwan BT50 spindle with 6000 RPM speed
- 台湾丝杠
Taiwan linear rails
- 台湾滚柱线轨
Taiwan roller type linear rails
- 台湾30T圆盘刀库
Taiwan 30 arm tool magazine
- 电器柜空调
Electrical cabinet air conditioner



HORIZONTAL MACHINING CENTER

主要配置明细 Main configuration details

- 主轴单元：键槽/冈田/丹纳
Spindle unite: KENTURN/OKADA/VOLIS
- 增压缸：铁凝
Knife cylinder: TENIO
- 轴承：SKF/NACHI
Bearing: SKF/NACHI
- 联轴器：R+W
Coupling: R+W
- 刀库：冈田/德速
Tool magazine: OKADA/AMACH
- 丝杠：上银/银泰
Lead screw: HIWIN /PMI
- 线轨：上银/银泰
Linear rails: HIWIN /PMI
- 润滑油泵：河谷
Lubrication pump: HERG
- 导轨防护：海东
Guide rail protection: Haidong
- 电器件：施耐德
Electricals: Schneider

SPECIFICATIONS	Units	HMC500	HMC630	HMC800	HMC1000
工作台尺寸 Table size	mm	500*500	630*630	800*800	1000*1000
工作台左右行程(X轴) X axis travel	mm	800	1050	1300	1600
工作台前后行程(Z轴) Z axis travel	mm	600	900	1000	1000
主轴上下行程(Y轴) Y axis travel	mm	600	750	1000	1000
主轴中心到工作台面距离 Distance from spindle center to table surface	mm	100-750	120-870	120-1120	120- 1120
主轴端到工作台中心距离 Distance between spindle nose and table center	mm	150-950	130-1030	200-1200	200- 1200
工作台数量 Table quantity	pcs	1	1	1	1
T型槽 (数量*宽度*间距) T slot(number*width* pitch)	mm	5-18*100	5-22*125	5-22*125	5-22*200
工作台最大承重 Max. worktable load	kg	500	800	1500	2000
工作台分度 Table indexing	°	1°/360	1°/360	1°/360	1°/360
转台最大速度 Maximum speed of table	r/min	10	10	10	10
主电机功率 Main motor power	kw	11/15	15/18.5	15/18.5	15/18.5
主轴锥度 Spindle taper		BT40	BT50-190	BT50-190	BT50-190
主轴转速 Max. spindle speed	rpm	8000	6000	6000	6000
切削进给速度 Cutting feed speed	mm/min	1-10000	1-10000	1-10000	1-10000
快速速度 Rapid traverse speed	m/min	36/32/32	36/20/24	24/20/24	18/18/18
刀库 Tool magazine		圆盘Arm24	圆盘Arm30	圆盘Arm30	圆盘Arm30
刀具最大直径 Max. tool diameter	mm	78/120	112/200	112/200	112/200
刀具最大长度 Max. tool length	mm	300	350	350	350
刀具最大重量 Max. tool weight	kg	8	18	18	18
刀具交换时间 (刀对刀) Tool change time (tool to tool)	sec	2.5	2.5	2.5	2.5
X、Y、Z轴向定位精度 X,Y,Z axis positioning accuracy	mm	0.01	0.012	0.012	0.012
X、Y、Z轴向重复定位精度 X,Y,Z axis repeat positioning accuracy	mm	0.005	0.008	0.008	0.008
B轴定位精度 (工作台旋转) B axis positioning accuracy	"	12"	12"	12"	12"
B轴重复定位精度 (工作台旋转) B axis repeat positioning accuracy	"	6"	6"	6"	6"
机床重量 Machine weight	kg	8500	12000	17000	19000
外形尺寸(长x宽x高) Overall dimension(L*W*H)	mm	4650*3250*3000	4850*3600*3200	5050*3800*3300	5300*3900*3300

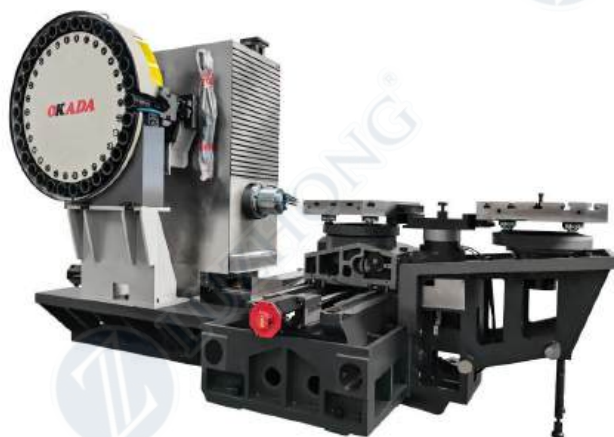
HMC630/HMC800 HMC1000

Horizontal Machining Center
卧式加工中心



标准配置 Standard configuration

- 发那科系统
FANUC system
- 双工位一度一分工作台
Two tables with one point per degree
- BT50台湾6K主轴
BT50 taiwan 6000 RPM spindle
- 台湾丝杠
Taiwan screw
- 台湾滚柱线轨
Taiwan roller linear rails
- 台湾30T圆盘刀库
Taiwan 30 arm tool magazine
- 电器柜空调
Electrical cabinet air conditioner



HORIZONTAL MACHINING CENTER

主要配置明细 Main configuration details

- 主轴单元：键槽/冈田/丹径
Spindle unit: KENTURN/OKADA/VOLIS
- 增压缸：铁凝
Knife cylinder: TENIO
- 轴承：SKF/NACHI
Bearing: SKF/NACHI
- 联轴器：R+W
Coupling: R+W
- 刀库：冈田/德速
Tool magazine: OKADA/AMACH
- 丝杠：上银/银泰
Lead screw: HIWIN/PMI
- 线轨：上银/银泰
Linear rails: HIWIN/PMI
- 润滑油泵：河谷
Lubrication pump: HERG
- 导轨防护：海东
Guide rail protection: Haidong
- 电器件：施耐德
Electricals: Schneider

SPECIFICATIONS	Units	HMC630	HMC800	HMC1000
工作台尺寸 Table size	mm	630*630	800*800	1000*1000
工作台左右行程(X轴) X axis travel	mm	1050	1300	1600
工作台前后行程(Z轴) Z axis travel	mm	900	1000	1000
主轴箱上下行程(Y轴) Y axis travel	mm	700	1000	1000
主轴中心到工作台面距离 Distance from spindle center to table surface	mm	0-750	0-1000	40-1040
主轴端到工作台中心距离 Distance between spindle nose and table center	mm	200-1100	200-1200	200-1200
工作台数量 Table quantity	pcs	2	2	2
T型槽 (数量-宽度×间距) T slot (number-width×pitch)	mm	5-22*125	5-22*125	5-22*200
工作台最大承重 Max. worktable load	kg	800	1500	1500
工作台分度 Table indexing	°	1°/360	1°/360	1°/360
转台最大速度 Maximum speed of table	r/min	10	10	10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5
主轴锥度 Spindle taper		BT50-190	BT50-190	BT50-190
主轴转速 Max. spindle speed	rpm	6000	6000	6000
切削进给速度 Cutting feed speed	mm/min	1-10000	1-10000	1-10000
快速速度 Rapid traverse speed	m/min	36/20/24	24/20/24	18/18/18
刀库 Tool magazine		圆盘Arm 30	圆盘Arm 30	圆盘Arm 30
刀具最大直径 Max. tool diameter	mm	112/200	112/200	112/200
刀具最大长度 Max. tool length	mm	350	350	350
刀具最大重量 Max. tool weight	kg	18	18	18
刀具交换时间 (刀对刀) Tool change time (tool to tool)	sec	2.5	2.5	2.5
X、Y、Z向定位精度 X,Y,Z axis positioning accuracy	mm	0.012	0.012	0.012
X、Y、Z向重复定位精度 X,Y,Z axis repeat positioning accuracy	mm	0.008	0.008	0.008
B轴定位精度 (工作台旋转) B axis positioning accuracy	°	12"	12"	12"
B轴重复定位精度 (工作台旋转) B axis repeat positioning accuracy	°	6"	6"	6"
机床重量 Machine weight	kg	15000	20000	22000
外形尺寸(长×宽×高) Overall dimension(L*W*H)	mm	6200*4100*3200	6600*4300*3300	7000*4500*3300

GMC1312/GMC1612/GMC2012 GMC1613/GMC2013

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC1312	GMC1612	GMC2012	GMC1613	GMC2013
工作台尺寸 (宽×长) Table size (W×L)	mm	1000*1400	1000*1600	1000*2000	1000*1700	1000*2100
工作台移动方向行程 (X轴) X axis travel	mm	1300	1600	2000	1600	2000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	1200	1200	1200	1300	1300
主轴上下移动方向行程 (Z轴) Z axis travel	mm	700	700	700	700	700
龙门宽度/过高 Gantry width/passing height	mm	W:1230/H:860	W:1230/H:860	W:1230/H:860	W:1350/H:900	W:1350/H:900
工作台承重(t) Table load	t	1	2	3	2.5	3
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	100-800	100-800	100-800	100-800	100-800
T型槽 (数量-宽度×间距) T slot(number-width×pitch)	-	7-22*140	7-22*140	7-22*140	5-18*190	5-18*190
主轴锥度 Spindle taper	-	BT40	BT40	BT40	BT40	BT40
主轴转速 Spindle speed	r/min	8000	8000	8000	8000	8000
快速进给速度 Rapid traverse speed	m/min	24/24/24	24/24/24	24/24/24	24/24/24	24/24/24
切削进给速度 Cutting feed speed	m/min	10	10	10	10	10
主电机功率 Main motor power	kw	11/15	11/15	11/15	11/15	11/15
刀库形式 Tool magazine		圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015				
重复定位精度 Repeat positioning accuracy	mm	0.005				
外形尺寸 (长×宽×高) Overall dimension(L×W×H)	mm	3800*3200*3600	4300*3200*3600	4900*3200*3600	4400*3300*3600	5000*3300*3600
机床重量 (约) Machine weight(about)	t	8.5	10	12	11	13

GANTRY MACHINING CENTER

GMC1614/GMC2014/GMC2514 GMC3014

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC1614	GMC2014	GMC2514	GMC3014
工作台尺寸 (宽×长) Table size (W×L)	mm	1200*1700	1200*2100	1200*2600	1200*3100
工作台移动方向行程 (X轴) X axis travel	mm	1600	2000	2500	3000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	1500	1500	1500	1500
主轴上下移动方向行程 (Z轴) Z axis travel	mm	800	800	800	800
龙门宽度/过高 Gantry width/passing height	mm	W:1500/H:1030	W:1500/H:1030	W:1500/H:1030	W:1500/H:1030
工作台承重(t) Table load	t	2.5	3.5	4.5	5.5
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	150~950	150~950	150~950	150~950
T型槽 (数量-宽度×间距) T slot(number-width×pitch)	-	7-22*170	7-22*170	7-22*170	7-22*170
主轴锥度 Spindle taper	-	BT50 /190	BT50 /190	BT50 /190	BT50 /190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快速进给速度 Rapid traverse speed	m/min	15	15	15	15
切削进给速度 Cutting feed speed	m/min	10	10	10	10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015			
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长×宽×高) Overall dimension(L×W×H)	mm	5900*4200*4200	6700*4200*4200	7700*4200*4200	8700*4200*4200
机床重量 (约) Machine weight(about)	t	15.5	17.5	19.5	21.5

GMC2016/GMC2516/GMC3016 GMC3516

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC2016	GMC2516	GMC3016	GMC3516
工作台尺寸 (宽×长) Table size (W×L)	mm	1400*2100	1400*2600	1400*3100	1400*3600
工作台移动方向行程 (X轴) X axis travel	mm	2000	2500	3000	3500
滑枕座移动方向行程 (Y轴) Y axis travel	mm	1700	1700	1700	1700
主轴上下移动方向行程 (Z轴) Z axis travel	mm	800	800	800	800
龙门宽度/过高 Gantry width/passing height	mm	W:1700/H:1080	W:1700/H:1080	W:1700/H:1080	W:1700/H:1080
工作台承重(t) Table load	t	4	5	6	7
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	200 ~ 1000	200 ~ 1000	200 ~ 1000	200 ~ 1000
T型槽 (数量-宽度×间距) T slot(number-width*pitch)	-	7-22*200	7-22*200	7-22*200	7-22*200
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快速进给速度 Rapid traverse speed	m/min	15	15	15	15
切削进给速度 Cutting feed speed	m/min	10	10	10	10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015			
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	7200*4500*4300	8200*4500*4300	9200*4500*4300	10200*4500*4300
机床重量 (约) Machine weight(about)	t	18.5	20.5	22.5	25

GANTRY MACHINING CENTER

GMC2018/GMC2518/GMC3018 GMC3518

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC2018	GMC2518	GMC3018	GMC3518
工作台尺寸 (宽×长) Table size (W×L)	mm	1600*2200	1600*2700	1600*3200	1600*3700
工作台移动方向行程 (X轴) X axis travel	mm	2000	2500	3000	3500
滑枕座移动方向行程 (Y轴) Y axis travel	mm	1900	1900	1900	1900
主轴上下移动方向行程 (Z轴) Z axis travel	mm	800	800	800	800
龙门宽度/过高 Gantry width/passing height	mm	W:1900/H:1080	W:1900/H:1080	W:1900/H:1080	W:1900/H:1080
工作台承重(t) Table load	t	4.5	5.5	6.5	7.5
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	200 ~ 1000	200 ~ 1000	200 ~ 1000	200 ~ 1000
T型槽 (数量-宽度×间距) T slot(number-width*pitch)	-	9-22*180	9-22*180	9-22*180	9-22*180
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快速进给速度 Rapid traverse speed	m/min	15	15	15	15
切削进给速度 Cutting feed speed	m/min	10	10	10	10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015			
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	7200*4700*4300	8200*4700*4300	9200*4700*4300	10200*4700*4300
机床重量 (约) Machine weight(about)	t	20	22	26	28

GMC2720/GMC3220/GMC3720 GMC4220

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC2720	GMC3220	GMC3720	GMC4220
工作台尺寸 (宽×长) Table size (W*L)	mm	1800*2500	1800*3000	1800*3500	1800*4000
工作台移动方向行程 (X轴) X axis travel	mm	2700	3200	3700	4200
滑枕座移动方向行程 (Y轴) Y axis travel	mm	2000	2000	2000	2000
主轴上下移动方向行程 (Z轴) Z axis travel	mm	1000	1000	1000	1000
龙门宽度 Gantry width	mm	2000	2000	2000	2000
龙门过高 Gantry passing height	mm	1300	1300	1300	1300
工作台承重(t) Table load	t	5	6	8	9
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	180 ~ 1180 (选配加高Opt. Heighten 300mm)			
T型槽 (数量×宽度×间距) T slot(number-width*pitch)	-	9-22*190	9-22*190	9-22*190	9-22*190
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快移进给速度 Rapid traverse speed	m/min	15	15	15	12
切削进给速度 Cutting feed speed	m/min	10	10	10	8
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm 24	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015			
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	9700*4910*4800	11000*4910*4800	12000*4910*4800	13000*4910*4800
机床重量 (约) Machine weight(about)	t	24	26.5	29.5	32.5

GANTRY MACHINING CENTER

GMC3022/GMC4022 GMC5022

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC3022	GMC4022	GMC5022
工作台尺寸 (宽×长) Table size (W*L)	mm	2000*3000	2000*4000	2000*5000
工作台移动方向行程 (X轴) X axis travel	mm	3000	4000	5000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	2200(副行程Secondary stroke2700)		
主轴上下移动方向行程 (Z轴) Z axis travel	mm	1000	1000	1000
龙门宽度 Gantry width	mm	2300	2300	2300
龙门过高 Gantry passing height	mm	1400	1400	1400
工作台承重(t) Table load	t	10	12	14
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	280 ~ 1280 (选配加高Opt. Heighten 300mm)		
T型槽 (数量×宽度×间距) T slot(number-width*pitch)	-	9-28*200	9-28*200	9-28*200
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000
快移进给速度 Rapid traverse speed	m/min	12	12	12
切削进给速度 Cutting feed speed	m/min	8	8	8
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015		
重复定位精度 Repeat positioning accuracy	mm	0.005		
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	10750*5940*5100	12750*5940*5100	14750*5940*5100
机床重量 (约) Machine weight(about)	t	37	40	48

GMC4027/GMC5027/GMC6027 GMC8027

Gantry Machining Center
龙门加工中心



选配：方滑枕
Optional: Square slide column

SPECIFICATIONS	Units	GMC4027	GMC5027	GMC6027	GMC8027
工作台尺寸 (宽×长) Table size (W×L)	mm	2300*4000	2300*5000	2300*6000	2300*8000
工作台移动方向行程 (X轴) X axis travel	mm	4000	5000	6000	8000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	2700 (副行程Secondary stroke 3050)			
主轴上下移动方向行程 (Z轴) Z axis travel	mm	1000 (选配Opt.1250)			
龙门宽度/过高 Gantry width/passing height	mm	W : 2700/H : 1400			
工作台承重(t) Table load	t	12	16	20	24
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	280 – 1280	280 – 1280	270 – 1270	190 – 1190
T型槽 (数量-宽度×间距) T slot(number-width×pitch)	-	11-28*200	11-28*200	11-28*200	11-28*200
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快移进给速度 Rapid traverse speed	m/min	12	12	12	12
切削进给速度 Cutting feed speed	m/min	6-10	6-10	6-10	6-10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015			
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	12840*7370*6770	14840*7370*6770	16840*7370*6770	21640*7370*6770
机床重量 (约) Machine weight(about)	t	43	51	52	70

GANTRY MACHINING CENTER

GMC4032/GMC5032/GMC6032 GMC8032

Gantry Machining Center
龙门加工中心



选配：方滑枕
Optional: Square slide column

SPECIFICATIONS	Units	GMC4032	GMC5032	GMC6032	GMC8032
工作台尺寸 (宽×长) Table size (W×L)	mm	3000*4000	3000*5000	3000*6000	3000*8000
工作台移动方向行程 (X轴) X axis travel	mm	4000	5000	6000	8000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	3200 (副行程Secondary stroke 3700)			
主轴上下移动方向行程 (Z轴) Z axis travel	mm	1250 (选配Opt.1500)			
龙门宽度/过高 Gantry width/passing height	mm	W : 3200/H : 1700			
工作台承重(t) Table load	t	12	15	18	22
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	250 – 1500(可选配加高Opt. Heighten 250、500mm)			
T型槽 (数量-宽度×间距) T slot(number-width×pitch)	-	中间15-28*200 (Middle 1-28*180)			
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快移进给速度 Rapid traverse speed	m/min	10	10	8	8
切削进给速度 Cutting feed speed	m/min	6-10	6-10	6-10	6-10
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm24	圆盘Arm24	圆盘Arm24	圆盘Arm24
定位精度 Positioning accuracy	mm	X/Y 0.0075 Z 0.015			
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	13440*7770*6770	15440*7770*6700	17440*7770*6770	22240*7770*6770
机床重量 (约) Machine weight(about)	t	52	57	63	74

GMC6037/GMC8037

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC6037	GMC8037
工作台尺寸 (宽×长) Table size (W*L)	mm	2800*6000	2800*8000
工作台移动方向行程 (X轴) X axis travel	mm	6000	8000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	3700 (副行程Secondary stroke4200)	
主轴上下移动方向行程 (Z轴) Z axis travel	mm	1250 (选配Opt.1500)	
龙门宽度 Gantry width	mm	3700	3700
龙门过高 Gantry passing height	mm	1780	1780
工作台承重(t) Table load	t	25	30
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	350 ~ 1600 (可选配加高 Opt. Heighten 300、500mm)	
T型槽 (数量-宽度×间距) T slot(number-width*pitch)	-	中间11-28*200 (Middle11-28*200)	
主轴锥度 Spindle taper	-	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000
快速进给速度 Rapid traverse speed	m/min	8	8
切削进给速度 Cutting feed speed	m/min	5	5
主电机功率 Main motor power	kw	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm 24	圆盘Arm 24
定位精度 Positioning accuracy	mm	X/Y 0.0075	Z 0.015
重复定位精度 Repeat positioning accuracy	mm	0.005	
外形尺寸 (长×宽×高) Overall dimension(L*W*H)	mm	17440*7870*6470	22440*7870*6470
机床重量 (约) Machine weight(about)	t	90	105

GANTRY MACHINING CENTER

GMC5038/GMC8038/GMC6042 GMC8042

Gantry Machining Center
龙门加工中心



SPECIFICATIONS	Units	GMC5038	GMC8038	GMC6042	GMC8042
工作台尺寸 (宽x长) Table size (W*L)	mm	3000*5000	3000*8000	3000*6000	3000*8000
工作台移动方向行程 (X轴) X axis travel	mm	5000	8000	6000	8000
滑枕座移动方向行程 (Y轴) Y axis travel	mm	3200 (副行程Secondary stroke4260)		4200 (副行程Secondary stroke4700)	
主轴上下移动方向行程 (Z轴) Z axis travel	mm	1250 (选配Opt.1500)		1250 (选配Opt.1500)	
龙门宽度 Gantry width	mm	3800	3800	4200	4200
龙门过高 Gantry passing height	mm	1700	1700	1700	1700
工作台承重(t) Table load	t	17	24	21	25
主轴端面至工作台表面距离 Distance between spindle nose and table surface	mm	250 ~ 1500 (可选配加高 Opt. Heighten 250、500mm)			
T型槽 (数量-宽度×间距) T slot(number-width*pitch)	-	中间15-28*200 (Middle15-28*200)			
主轴锥度 Spindle taper	-	BT50/190	BT50/190	BT50/190	BT50/190
主轴转速 Spindle speed	r/min	6000	6000	6000	6000
快速进给速度 Rapid traverse speed	m/min	8	8	8	8
切削进给速度 Cutting feed speed	m/min	5	5	5	5
主电机功率 Main motor power	kw	15/18.5	15/18.5	15/18.5	15/18.5
刀库形式 Tool magazine		圆盘Arm 24	圆盘Arm 24	圆盘Arm 24	圆盘Arm 24
定位精度 Positioning accuracy	mm	X/Y 0.0075		Z 0.015	
重复定位精度 Repeat positioning accuracy	mm	0.005			
外形尺寸 (长x宽x高) Overall dimension(L*W*H)	mm	15440*7870*6470	22440*7870*6470	17440*7870*6470	22440*7870*6470
机床重量 (约) Machine weight(about)	t	60	75	68	80

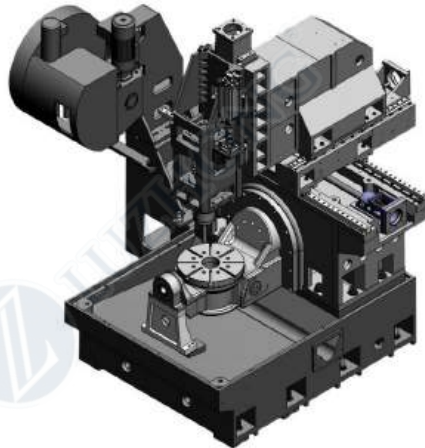
BMU500/BMU650

5 Axis CNC Machining Center
五轴加工中心



标准配置 Standard configuration

- 西门子840/ONE
Siemens 840/ONE
- 台湾直驱电机双轴单臂回转工作台
Taiwan direct drive motor rotary table with double axis and single arm
- 全轴光栅尺全闭环控制
Full-axis scales with fully closed-loop control
- 24 机械圆盘刀库
24 Mechanical arm tool magazine
- 链板式排屑器
Chain type chip conveyor



5 AXIS CNC MACHINING CENTER

可选配置 Optional configuration

- HEIDENHAIN、TNC、640五轴五联动数控系统
Heidenhain TNC 640 five-axis linkage CNC control system
- 台湾HKA63-150-12000转直联式主轴单元
Taiwan HSKA63-150-12000 rpm direct-connected spindle unit
- 170直驱电主轴单元
170 direct drive electric spindle unit
- 雷尼绍 TS-27R 对刀仪
Renishaw tool setter TS-27R
- 雷尼绍 OMP60 测头
Renishaw workplace measuring system OMP60

主要技术参数	SPECIFICATIONS	Units	BMU500	BMU650
工作台尺寸	Table size	mm	φ500	φ650*540
工作台T型槽	T-slot size	mm	14	14
工作台最大承重	Max.table load	kg	300	300
X轴行程	X-axis travel	mm	550	650
Y轴行程	Y-axis travel	mm	450	520
Z轴行程	Z-axis travel	mm	400	475
B轴回转范围	B-axis rotation range	°	±120	±120
C轴回转范围	C-axis rotation range	°	360	360
主轴端面至工作台面距离	Distance from spindle nose to table surface	mm	150-550	150-625
主轴锥度	Spindle taper	--	B8T40	B8T40
主轴最高转速	Max.spindle speed	rpm	12000	12000
主轴功率	Spindle motor power	kW	7.5	7.5
主轴扭矩	Max.torque of spindle	N.m	36	36
刀库形式	Tool magazine type	--	圆盘式 Arm type	圆盘式 Arm type
刀库容量	Tool magazine capacity	pcs	24	24
最大刀具直径(满刀/空刀)	Max.diameter tool(full/Empty)	mm	φ78/φ112	φ78/φ112
最大刀具长度	Max.tool length	mm	300	300
最大刀具重量	Max.tool weight	kg	8	8
换刀时间(T-T)	Tool change time(T-T)	s	1.55	1.55
快速移动速度(X/Y/Z)	Rapid feed speed(X/Y/Z)	mm/min	36000/36000/36000	36000/36000/36000
切削进给速度(X/Y/Z)	Cutting feed speed(X/Y/Z)	mm/min	1-10000/1-10000/1-10000	1-10000/1-10000/1-10000
定位精度(X/Y/Z)	Positioning accuracy(X/Y/Z)	mm	0.0075	0.0075
定位精度(A/C)	Positioning accuracy(A/C)	"	±5	±5
重复定位精度(X/Y/Z)	Repeat positioning accuracy(X/Y/Z)	mm	0.005	0.005
重复定位精度(A/C)	Repeat positioning accuracy(A/C)	"	4	4
机床重量	Machine weight	kg	6500	8500
机床外形尺寸	Machine overall size(L*W*H)	mm	3800*3100*2750	3970*3210*2800

AMU500/AMU650 AMU800

5 Axis CNC Machining Center
五轴加工中心



标准配置 Standard configuration

- 西门子840/ONE
Siemens 840/ONE
- X、Y、Z、A、C 全轴光栅尺，全闭环控制
X、Y、Z、A、C full-axis scale, fully closed-loop control
- 摇篮式 AC 直驱转台
Cradle type AC direct drive rotary table
- 主轴前冷
Spindle oil cooler
- 链式排屑器
Chain type chip conveyor



5 AXIS CNC MACHINING CENTER

可选配置 Optional configuration

- HEIDENHAIN TNC 640 五轴五联动数控系统
Heidenhain TNC 640 five axis linkage CNC
- 红外线测量系统
Infrared measurement system
- 激光对刀仪
Laser tool setting instrument
- 台湾 HSKA63-150-12000 转自联式主轴单元
Taiwan HSKA63-150-12000 rpm direct-connected spindle unit
- 雷尼绍 TS-27R 对刀仪
Renishaw tool setter TS-27R
- 雷尼绍 OMP60 测头
Renishaw workplace measuring system OMP60

SPECIFICATIONS	Units	AMU500	AMU650	AMU800
工作台尺寸 Table size	mm	Φ500	Φ650	Φ800
工作台T型槽 T-slot size	mm	14H8	14H8	18H8
工作台中心孔 Table center hole	mm	Φ50H7	Φ50H8	Φ50H8
工作台最大承重 Max.table load	kg	350	850	1200
X轴行程 X-axis travel	mm	500	600	850
Y轴行程 Y-axis travel	mm	600	650	850
Z轴行程 Z-axis travel	mm	450	600	700
A轴回转角度 A-axis rotation range	°	±120	±120	±120
C轴回转角度 C-axis rotation range	°	360	360	360
主轴端面至工作台面距离 Distance from spindle nose to table surface	mm	150-580	150-750	150-850
主轴锥度 Spindle taper	—	HSK-A63	HSK-A63	HSK-A63
主轴最高转速 Max.spindle speed	rpm	20000(18000)	18000	18000
主轴功率 Spindle motor power	kW	20(30)	30	30
主轴扭矩 Max.torque of spindle	N.m	35(72)	72	72
刀库形式 Tool magazine type	—	Flat Chain Type	Flat Chain Type	Flat Chain Type
刀库容量 Tool magazine capacity	pcs	32	40	40
最大刀具直径(满刀/空刀) Max.diameter tool(full/Empty)	mm	Φ76/Φ125	Φ76/Φ125	Φ76/Φ125
最大刀具长度 Max.tool length	mm	300	300	300
最大刀具重量 Max.tool weight	kg	8	8	8
换刀时间(T-T) Tool change time(T-T)	S	2-4	2-4	2-4
快速移动速度(X/Y/Z) Rapid feed speed(X/Y/Z)	mm/min	36000/36000/36000	36000/36000/36000	32000/32000/32000
切削进给速度(X/Y/Z) Cutting feed speed(X/Y/Z)	mm/min	1-10000/1-10000/1-10000	1-10000/1-10000/1-10000	1-10000/1-10000/1-10000
定位精度(X/Y/Z) Positioning accuracy(X/Y/Z)	mm	0.0075	0.0075	0.0075
定位精度(A/C) Positioning accuracy(A/C)	"	±5	±5	±5
重复定位精度(X/Y/Z) Repeat positioning accuracy(X/Y/Z)	mm	0.005	0.005	0.005
重复定位精度(A/C) Repeat positioning accuracy(A/C)	"	4	4	4
机床重量 Machine weight	kg	11000	15000	18000
机床外形尺寸 Machine overall size(L*W*H)	mm	5500*2350*3100	4600*3840*3300	5500*4000*3500

HMU800/HMU1000 HMU1250

5 Axis CNC Machining Center

五轴加工中心



标准配置 Standard configuration

- 45°自动分度直驱铣头
Equipped with 45° automatic indexing direct-drive milling head as standard
- X、Y、Z三轴配置光栅尺，A、C轴配置圆时规
X,Y,Z axis is equipped with linear scale, A, C axis is equipped with circular time scale
- X、Y、Z三轴中空丝杠恒温水冷
X,Y,Z axis hollow screw constant temperature water cooling
- 45T圆盘机械手刀库
45T arm type tool magazine
- 直驱转台
Direct-drive rotary table
- 西门子840/DONE
Siemens 840/DONE
- 双螺旋排屑器+双链式排屑器+顶部冲屑
Equipped with double screw chip conveyor+double chain chip conveyor+top flushing chip as standard

5 AXIS CNC MACHINING CENTER

可选配置 Optional configuration

- 40把或60把链式刀库
40 pcs or 60 pcs chain type tool magazine
- 自动刀具测量系统
Automatic tool measuring system
- 工件自动测量系统
Automatic workpiece measuring system
- A、C轴圆光栅
A,C-axis circular scale
- 2Mpa、3Mpa、5Mpa中心出水
2Mpa,3Mpa,5Mpa CTS
- 车削功能，一次装夹可完成车、铣、镗等各种形式的加工
Turning function, one time clamping can be completed turning, milling, boring and other forms of processing

SPECIFICATIONS	Units	HMU800	HMU1000	HMU1250
X轴行程 (立柱左右移动) X-axis travel (column left-right movement)	mm	800	1000	1250
Y轴行程 (转台前后移动) Y-axis travel (forward and backward movement of rotary table)	mm	1000	1100	1250
Z轴行程 (主轴箱上下移动) Z-axis travel (headstock up and down)	mm	900	1000	1100
A轴回转范围 A-axis rotary range	°	-30° ~ +180°	-30° ~ +180°	-30° ~ +180°
C轴回转范围 C-axis rotary range	°	360°	360°	360°
最大工件回转直径 Max. workpiece rotary diameter	mm	∅ 1100	∅ 1100	∅ 1200
主轴端面至工作台端面距离 (主轴立式) Distance from spindle nose to table nose (spindle vertical)	mm	150 ~ 1050	150 ~ 1150	150 ~ 250
主轴轴心至工作台回转中心的距离 (主轴立式) Distance from spindle axis to table rotation center (spindle vertical)	mm	-200 ~ 800	-200 ~ 900	-200 ~ 1050
主轴端面至工作台面的距离 (主轴卧式) Distance from spindle axis to table surface (spindle horizontal)	mm	50 ~ 950	50 ~ 1050	50 ~ 1150
主轴轴心至工作台回转中心的距离 (主轴卧式) Distance from spindle nose to table rotation center (spindle horizontal)	mm	-100 ~ 900	-100 ~ 1000	-100 ~ 1150
工作台尺寸 Table size	mm	630*630	800*800	1000*1000
工作台最小分度单位 Min. indexing unit	°	0.001	0.001	0.001
工作台最大载重 Max. table load	kg	1200	2000	3000
工作台转速 Rotary table speed	r/min	11.1	11.1	11.1
主轴最大转速 Max. spindle speed	r/min	18000	18000	18000
主轴内孔锥度 Spindle taper		HSK-A63	HSK-A63	HSK-A63
主轴功率 Spindle motor power	KW	30	30	30
主轴输出扭矩 Spindle torque	Nm	72/85	72/85	72/85
摆头最大转速 Rotational speed of the pendulum head	r/min	60	60	60
摆头额定扭矩 Rated torque	Nm	1200	1200	1200
摆头夹紧系统 Clamping system		液压Hydraulic	液压Hydraulic	液压Hydraulic
X/Y/Z轴快速进给速度 X/Y/Z rapid feed speed	m/min	48	48	48
X/Y/Z轴最大进给速度 X/Y/Z max. cutting feed speed	m/min	20	20	20
刀库容量 Max. tool magazine capacity		45	45	45
最大刀具直径 (满刀/空刀) Max. tool diameter (full/empty)	mm	75/130	75/130	75/130
最大刀具长度 Max. tool length	mm	350	350	350
最大刀具重量 Max. tool weight	kg	8	8	8
直线轴定位精度X/Y/Z Linear axis positioning accuracy X/Y/Z	mm	0.008/0.008/0.008	0.008/0.008/0.008	0.008/0.008/0.008
直线轴重复定位精度X/Y/Z Linear axis repeatable positioning accuracy X/Y/Z	mm	0.005/0.005/0.005	0.005/0.005/0.005	0.005/0.005/0.005
回转轴定位精度 Rotary axis positioning accuracy	arc/sec	8	8	8
回转轴重复定位精度 Repeatable positioning accuracy of rotary axis	arc/sec	4	4	4
数控系统型号 Control system model		SINUMERIK One	SINUMERIK One	SINUMERIK One
总控制轴数 Total control axes	axes	5	5	5
联动控制轴数 Number of linkage control axes	axes	5	5	5

HMU1000H/HMU1250H HMU1600H

5 Axis CNC Machining Center
五轴加工中心



标准配置 Standard configuration

- 45°自动分度直驱铣头
Equipped with 45° automatic indexing direct-drive milling head as standard
- X、Y、Z三轴配置光栅尺，A、C轴配置圆光栅
X,Y,Z axis is equipped with linear scale, A, C axis is equipped with circular time scale
- X、Y、Z三轴中空丝杠恒温水冷
X,Y,Z axis hollow screw constant temperature water cooling
- 45T圆盘机械手刀库
45T arm type tool magazine
- 直驱转台
Direct-drive rotary table
- 西门子840/DONE
Siemens 840/DONE
- 双螺旋排屑器+双链式排屑器+顶部冲屑
Equipped with double screw chip conveyor+double chain chip conveyor+top flushing chip as standard

5 AXIS CNC MACHINING CENTER

可选配置 Optional configuration

- 40把或60把链式刀库
40 pcs or 60 pcs chain type tool magazine
- 自动刀具测量系统
Automatic tool measuring system
- 工件自动测量系统
Automatic workpiece measurement system
- A、C轴圆光栅
A,C-axis circular scale
- 2Mpa、3Mpa、5Mpa中心出水
2Mpa,3Mpa,5Mpa CTS
- 车削功能，一次装夹可完成车、铣、镗等各种形式的加工
Turning function, one time clamping can be completed turning, milling, boring and other forms of processing

SPECIFICATIONS	Units	HMU1000H	HMU1250H	HMU1600H
X轴行程 (立柱左右移动) X-axis travel (column left-right movement)	mm	1000	1250	1600
Y轴行程 (转台前后移动) Y-axis travel (forward and backward movement of rotary table)	mm	1100	1250	1500
Z轴行程 (主轴箱上下移动) Z-axis travel (headstock up and down)	mm	1000	1100	1300
A轴回转范围 A-axis rotary range	°	-30°~+180°	-30°~+180°	-30°~+180°
C轴回转范围 C-axis rotary range	°	360°	360°	360°
最大工件回转直径 Max.workpiece rotary diameter	mm	Ø1000	Ø 1250	Ø 1600
主轴端面至工作台端面距离 (主轴立式) Distance from spindle nose to table nose (spindle vertical)	mm	150~1150	150~1250	150~1450
主轴轴心至工作台回转中心的距离 (主轴立式) Distance from spindle axis to table rotation center (spindle vertical)	mm	-200~800	-200~1050	-200~1300
主轴端面至工作台台面的距离 (主轴卧式) Distance from spindle axis to table surface (spindle horizontal)	mm	50~1050	50~1150	50~1350
主轴轴心至工作台回转中心的距离 (主轴卧式) Distance from spindle nose to table rotation center (spindle horizontal)	mm	-100~900	-100~1150	-100~1400
工作台尺寸 Table size	mm	Ø 800*650	Ø 1000*850	Ø 1250*1100
工作台最小分度单位 Min.indexing unit	°	0.001	0.001	0.001
工作台最大载重 Max.table load	kg	1000	1500	2000
工作台转台转速 Rotary table speed	r/min	40	40	40
主轴最大转速 Max.spindle speed	r/min	10000	10000	10000
主轴内孔锥度 Spindle taper		HSK A100	HSK A100	HSK A100
主轴功率 Spindle motor power	KW	54	54	54
主轴输出扭矩 Spindle torque	Nm	200/240	200/240	200/240
摆头最大转速 Rotational speed of the pendulum head	r/min	60	60	60
摆头额定扭矩 Rated torque	Nm	1200	1200	1200
摆头夹紧系统 Clamping system		液压Hydraulic	液压Hydraulic	液压Hydraulic
X/Y/Z轴快速移动速度 X/Y/Z rapid feed speed	m/min	60	60	60
X/Y/Z轴最大进给速度 X/Y/Z max.feed speed	m/min	20	20	20
刀库容量 Max tool magazine capacity		45	45	45
最大刀具直径 (满刀/空刀) Max tool diameter (full/empty)	mm	125/250	125/250	125/250
最大刀具长度 Max tool length	mm	400	400	400
最大刀具重量 Max.tool weight	kg	25	25	25
直线轴定位精度X/Y/Z Linear axis positioning accuracy X/Y/Z	mm	0.008/0.008/0.008	0.008/0.008/0.008	0.008/0.008/0.008
直线轴重复定位精度X/Y/Z Linear axis repeatable positioning accuracy X/Y/Z	mm	0.005/0.005/0.005	0.005/0.005/0.005	0.005/0.005/0.005
回转轴定位精度 Rotary axis positioning accuracy	arc/sec	8	8	8
回转轴重复定位精度 Repeatable positioning accuracy of rotary axis	arc/sec	4	4	4
数控系统型号 Control system model		SINUMERIK One	SINUMERIK One	SINUMERIK One
总控制轴数 Total control axes	axes	5	5	5
联动控制轴数 Number of linkage control axes	axes	5	5	5

GMU3222B/GMU4222B GMU4227B/GMU6232B

5 Axis CNC Machining Center
五轴加工中心



- 五轴联动双摆铣头
Five-axis linked double swing milling head



5 AXIS CNC MACHINING CENTER

标准配置 Standard configuration

- 双臂叉式五轴铣头：力矩电机直驱，永久精度。编码器自测，绝对精度。A/C 轴转速：100rpm，A/C 轴刹车扭矩：2160/3024N，A/C轴冷却：恒温水冷
5-axis milling head with double-arm fork: direct drive with torque motor, permanent accuracy. Encoder direct measurement, absolute accuracy, A/C axis speed: 100rpm, A/C axis brake torque: 2160/3024N, A/C axis cooling: constant temperature water cooling.
- 各轴均采用光栅尺全闭环控制提高精度和可靠性
All axes are fully closed-loop controlled by optical scales to improve precision and reliability
- 西门子840/ONE
Siemens 840/ONE
- 横向链板排屑器
Horizontal chain chip conveyor
- 斗笠式 24 把刀库
Armless type 24 position tool magazine

可选配置 Optional configuration

- 数控系统海德汉TNC640
Optional CNC system Heidenhain TNC640
- HSK-A100-15000rpm高刚性电主轴
Optional HSK-A100-15000rpm high rigidity electric spindle
- 德国波龙BLUM激光对刀仪可实现快速对刀稳定可靠
Equipped with German BLUM laser tool setting instrument to realize fast and reliable tool setting
- 雷尼绍自动工件测量系统
Optional Renishaw automatic workpiece measuring system
- 32把及40把链式刀库，提高加工效率
Optional 32 and 40 position chain type tool changer for improved machining efficiency

SPECIFICATIONS	Units	GMU3222B	GMU4222B	GMU4227B	GMU6232B
X轴行程 X-axis travel	mm	2200	2200	2700	3200
Y轴行程 Y-axis travel	mm	3200	4200	4200	6200
Z轴行程 Z-axis travel	mm	1250	1250	1250	1250
主轴端面至工作台面距离 Distance from spindle nose to table surface	mm	250-1500	250-1500	250-1500	250-1500
两柱间距离 Distance between two columns	mm	4000	3000	3500	4000
工作台尺寸 Worktable size	mm	3200*2200	4000*2200	4000*2500	6000*3000
工作台最大承重 Max. load of worktable	kg/m²	5000	5000	5000	5000
工作台 T 型槽 (数量*宽度*间距) T-slot (number*width*pitch)	mm	13-28*240	9-28*220	11-28*240	13-28*220
主轴锥度 Spindle taper		HSK-A63 (选配Opt. HSK-A100)			
主轴最高转速 Max. Spindle speed	rpm	18000 (选配Opt. 10000)			
主轴功率 Main spindle power	kW	30 (选配Opt. 54)			
主轴扭矩 Torque of spindle	N.m	72/85 (选配Opt. 200/240)			
最大摆速 / 旋转速度 Max. Swing/rotation speed	rpm	A=60 C=60	A=60 C=60	A=60 C=60	A=60 C=60
最大摆速 / 旋转扭矩 Max. Swing/rotation torque	N.m	A=1060 C=1350	A=1060 C=1350	A=1060 C=1350	A=1060 C=1350
夹持力 Holding force	N.m	A=4000 C=4000	A=4000 C=4000	A=4000 C=4000	A=4000 C=4000
摆速 / 旋转角度 Sawing / rotation torque	°	A=±110 C=±360	A=±110 C=±360	A=±110 C=±360	A=±110 C=±360
快速移动速度 (X/Y/Z) Rapid feed speed (X/Y/Z)	mm/min	15000/15000/15000	15000/15000/15000	15000/15000/15000	15000/15000/15000
切削进给速度 (X/Y/Z) Cutting feed speed (X/Y/Z)	mm/min	1-12000/1-12000/1-12000	1-1600/1-6000/1-6000	1-1600/1-6000/1-6000	1-1600/1-6000/1-6000
定位精度 (X/Y/Z) Positioning accuracy (X/Y/Z)	mm	0.014/0.016/0.012	0.020/0.014/0.012	0.020/0.016/0.012	0.030/0.016/0.012
重复定位精度 (X/Y/Z) Repeat positioning accuracy (X/Y/Z)	mm	0.010/0.012/0.008	0.016/0.010/0.008	0.016/0.012/0.008	0.024/0.012/0.008
电源总容量 Total power capacity	KVA	150	150	150	150
机床重量 Machine weight	kg	62000	68000	71000	96000
机床外形尺寸 Overall dimensions (L*W*H)	mm	8600*6100*6600	8200*7600*6600	8200*8100*6600	10200*8600*6600

GMU4027/GMU5027/GMU6032 GMU8032

5 Axis CNC Machining Center
五轴加工中心



- 五轴联动双摆铣头
Five-axis linked double swing milling head



5 AXIS CNC MACHINING CENTER

标准配置 Standard configuration

- 双臂叉式五轴铣头：力矩电机直驱，永久精度。编码器直测，绝对精度。A/C 轴转速：100rpm，A/C 轴刹车扭矩：2160/3024N，A/C 轴冷却：恒温水冷
5-axis milling head with double-arm fork: direct drive with torque motor, permanent accuracy. Encoder direct measurement, absolute accuracy. A/C axis speed: 100rpm, A/C axis brake torque: 2160/3024N, A/C axis cooling: constant temperature water cooling.
- 各轴均采用光栅尺全闭环控制提高精度和可靠性
All axes are fully closed-loop controlled by scale to improve accuracy and reliability.
- 西门子840/ONE
Siemens 840/ONE
- 横向链板排屑器
Equipped with horizontal chip type conveyor as standard.

可选配置 Optional configuration

- 数控系统海德汉TNC640
Heidenhain TNC640 CNC controller
- HSK-A100-15000rpm高刚性电主轴
HSK-A100-15000rpm high rigidity electric spindle
- 德国波龙BLUM激光对刀仪可实现快速对刀稳定可靠
Equipped with German BLUM laser tool setting instrument to realize fast and reliable tool setting
- 雷尼绍自动工件测量系统
Renishaw automatic workpiece measuring system

SPECIFICATIONS	Units	GMU4027	GMU5027	GMU6032	GMU8032
X轴行程 X-axis travel	mm	4000	5000	6000	8000
Y轴行程 Y-axis travel	mm	2700	2700	3200	3200
Z轴行程 Z-axis travel	mm	1000	1000	1250	1250
主轴端面至工作台面距离 Distance from spindle nose to table surface	mm	250-1250	250-1250	250-1500	250-1500
两立柱间距 Distance between two columns	mm	2700	2700	3200	3200
工作台尺寸 Worktable size	mm	2300*4000	2300*5000	3000*6000	3000*8000
工作台最大承重 Max. load of worktable	kg	12000	16000	18000	22000
工作台T型槽 (槽宽-槽数-间距) T-slot (width-No.-Distance)	mm	11-28*200	11-28*200	11-28*200	11-28*200
主轴锥度 Spindle taper	—	HSK-A63 (选配Opt. HSK-A100)			
主轴最高转速 Max. Spindle speed	rpm	18000 (选配Opt. 10000)			
主轴功率 Main motor power	kW	30 (选配Opt. 54)			
主轴扭矩 Torque of spindle	N.m	72/85 (选配Opt. 200/240)			
最大摆幅 / 旋转速度 Max. Swing/rotation speed	rpm	A=60 C=60	A=60 C=60	A=60 C=60	A=60 C=60
最大摆幅 / 旋转扭矩 Max. Swing/rotation torque	N.m	A=1060 C=1350	A=1060 C=1350	A=1060 C=1350	A=1060 C=1350
夹持力 Holding force	N.m	A=4000 C=4000	A=4000 C=4000	A=4000 C=4000	A=4000 C=4000
摆幅 / 旋转角度 Swing/rotation angle	°	A=±110 C=±360	A=±110 C=±360	A=±110 C=±360	A=±110 C=±360
快速移动速度 (X/Y/Z) Rapid feed speed (X/Y/Z)	mm/min	12000/12000/10000	10000/10000/10000	10000/10000/10000	10000/10000/10000
切削进给速度 (X/Y/Z) Cutting feed speed (X/Y/Z)	mm/min	1-8000/1-8000/1-8000	1-8000/1-8000/1-8000	1-8000/1-8000/1-8000	1-8000/1-8000/1-8000
定位精度 (X/Y/Z) Positioning accuracy (X/Y/Z)	mm	0.015	0.015	0.015	0.015
重复定位精度 (X/Y/Z) Repeat positioning accuracy (X/Y/Z)	mm	0.01	0.01	0.01	0.01
电源总容量 Total power capacity	kVA	110	110	110	110
机床重量 Machine weight	kg	44000	52000	65000	76000
机床外形尺寸 Overall dimensions (L*W*H)	mm	12840*7370*6770	14840*7370*6770	17440*7770*6770	22240*7770*6770