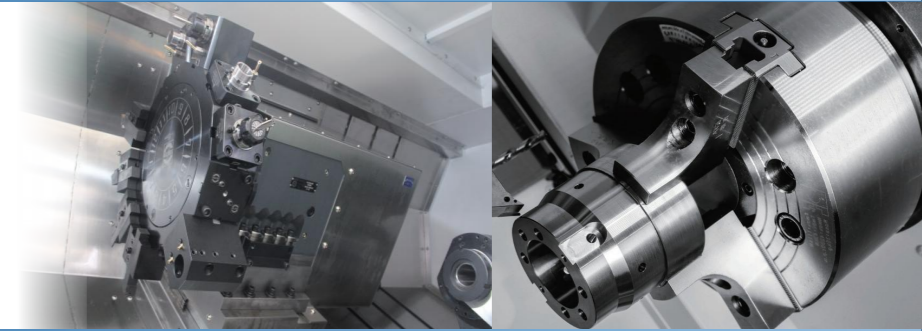


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Due to continuously improve our product development, so the product of the structure parameters and the color of the products may be with the sample from the actual product shall prevail, please understanding!



经验传承 · 技术创新
Experience transmission. Technology innovation

BOX WAY CNC LATHES



BML 硬轨系列

高速、高刚性
自动化 CNC 车床
High speed and high rigidity
Automatic CNC lathe

光巨精密工业有限公司
地址：台中市神冈区光复路276巷38号
电话：+886-4-25611583
传真：+886-4-25611530

LIGHT GIANT PRECISION INDUSTRY CO.,LTD.
No.38, Lane 276, Guangfu Rd., Shengang Dist.,
Taichung City, Taiwan 429, R.O.C.
TEL: +886-4-25611583
FAX: +886-4-25611530

光巨精密工业（淮安）有限公司
地址：江苏省淮安市淮安区经济开发区广州路188号
电话：+86-517-89721666
传真：+86-517-89721668
邮箱：grs_hk@hotmail.com
网址：www.lg-cnc.com

LIGHT GIANT PRECISION INDUSTRY (HUAI AN) CO., Ltd
No.188 Guangzhou Road, Huai'an District,
Huai'an City, Jiangsu Province, China
TEL: +86-517-89721666
FAX: +86-517-89721668
E-mail: grs_hk@hotmail.com
Http:www.lg-cnc.com



BML 系列

BML Series

BML 系列车削中心由拥有多年经验的智能机床工程师设计，确保超高精度、灵活性和可靠的加工性能。

Designed by Smart Machine Tool engineers with many years of experience, BML Series turning centers guarantee ultra-high precision, flexible, and reliable machining performance.



	BML-500T	BML-500TY	BML-500TSY
床身最大旋径 Swing over bed		Ø635	
最大加工长度 Max.turning length	520	520	450
夹头尺寸 Chuck size		8" 油压 Hydraulic	
主轴转速 Spindle speeds		4500 rpm	
刀具数 Tool number		12	
X轴行程 X axis travel		185 (165+20)	
Y轴行程 Y axis travel	/	110 (±55)	110 (±55)
Z轴最大行程 Z axis max travel		520	

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02 产品预览

Product Preview

基本信息

Basic Information

05 机器结构

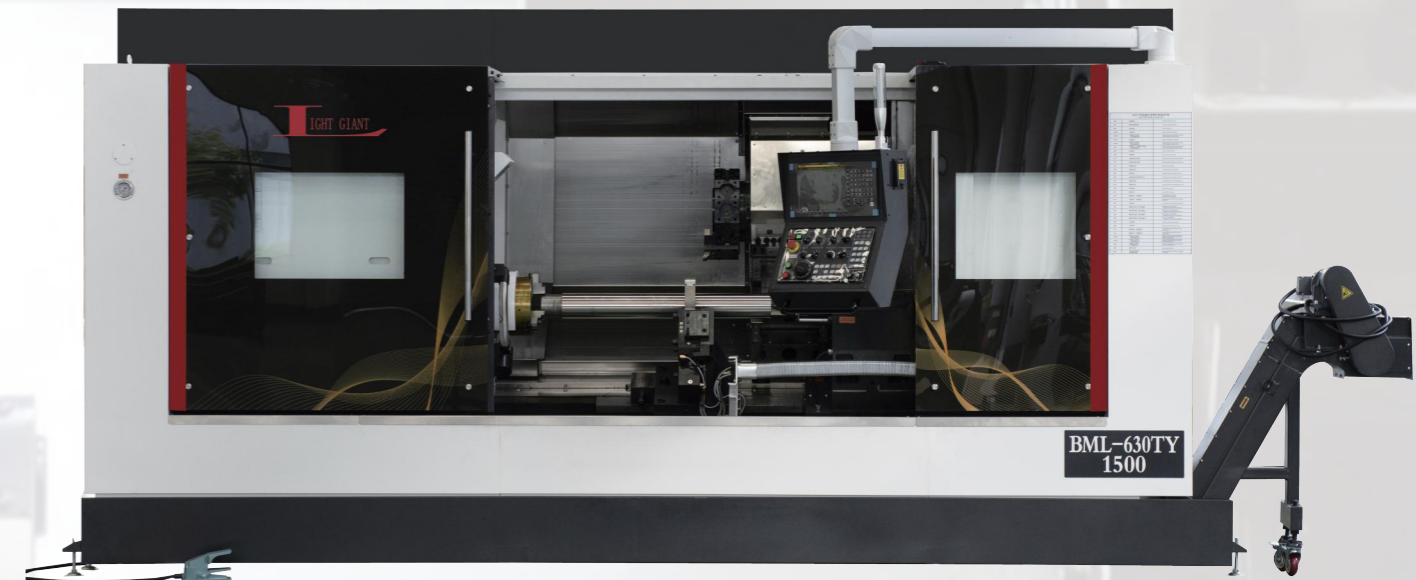
Machine Structure

15 机器尺寸

Machine Dimensions

23 机器规格

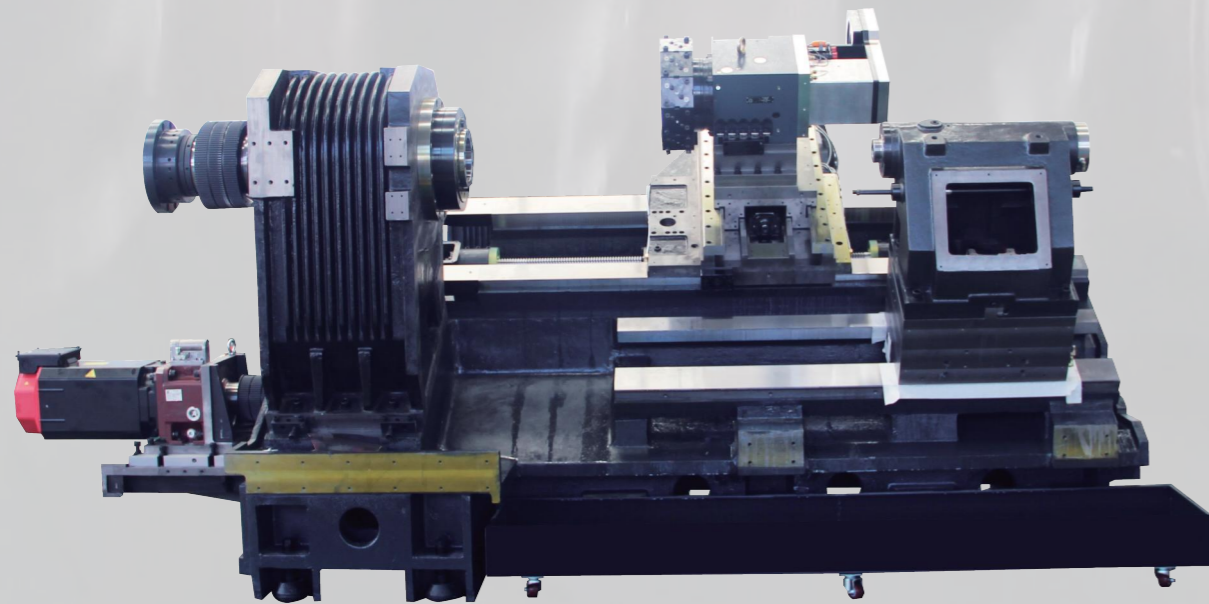
Machine Specifications



	BML-630	BML-630T	BML-630TY	BML-630TSY	
床身最大旋径 Swing over bed		Ø700			
最大加工长度 Max.turning length	1000	1500	1000	1100	
夹头尺寸 Chuck size		10" 油压 Hydraulic			
主轴转速 Spindle speeds		3500 rpm			
刀具数 Tool number		12			
X轴行程 X axis travel	295(275+20)	240+20	225+20	225+20	
Y轴行程 Y axis travel	/	/	±62	±62	
Z轴最大行程 Z axis max travel	1000	1500	1000	1100	

BML 900 | 900TY

- 30°倾斜扭矩管设计床身和宽导轨，用于高刚性加工
30°slanted torque tube design bed and wide slideway for high rigidity machining
- 由一体式铸件加工而成的宽箱形导轨可促进重型切削
Wide box guideways machined from one-piece casting promote heavy duty cutting
- 高扭矩交流伺服电机确保快速转位时间和重复性
High torque AC servo motor ensures fast indexing time and repeatability
- 优秀的快速进给率
Excellence rapid traverse rate
- 主轴功率高确保强大的切削能力
High spindle power ensures powerful cutting capability
- 为用户设计使用方便的操作面板，实现高效的机器操作
User-friendly operation panel design for efficient machine operation
- 各种外围设备和选项
Various peripheral equipment and options



BML-900

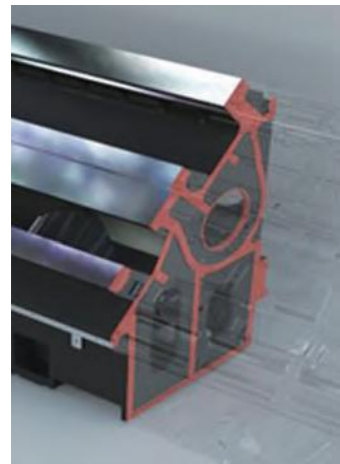
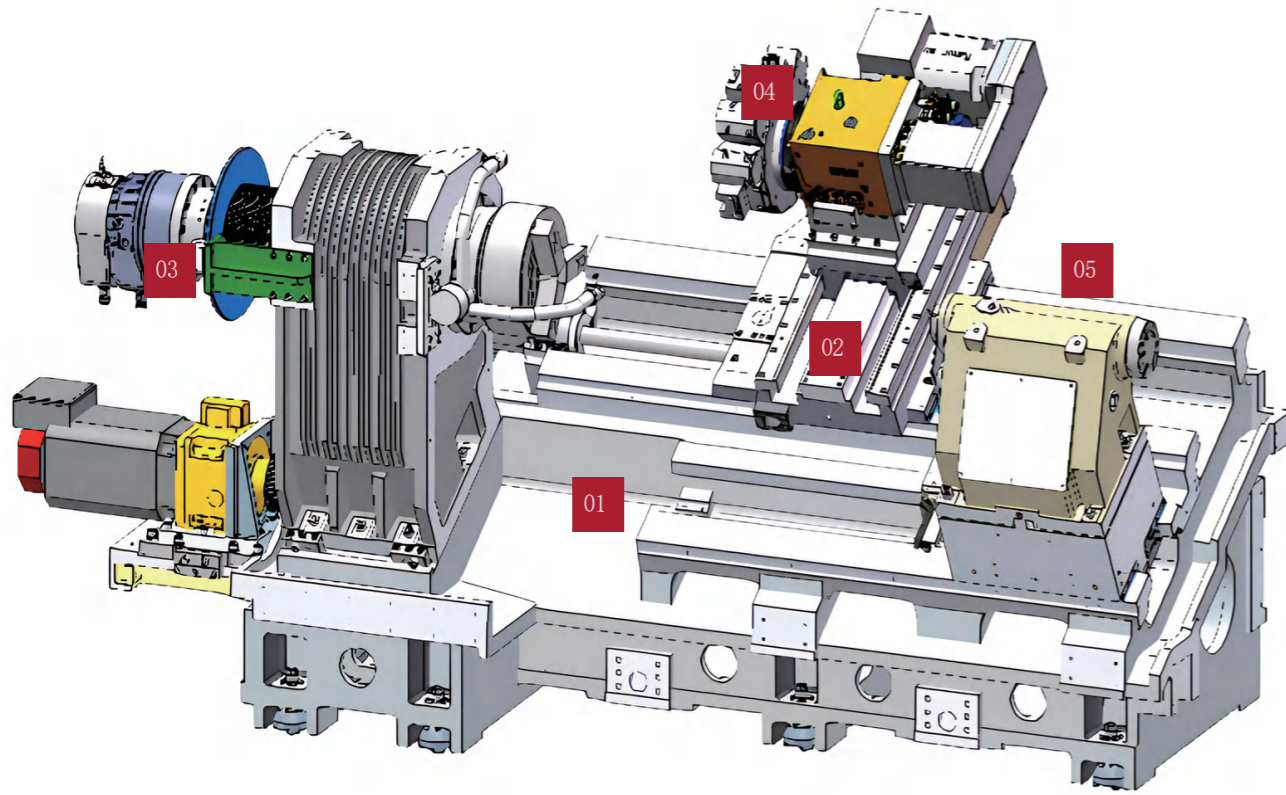
床身最大旋径	Swing over bed	Ø950			
最大加工长度	Max.turning length	1100	1600	2100	3100
夹头尺寸	Chuck size	15			
主轴转速	Spindle speeds	2000 rpm			
刀具数	Tool number	12			
X轴最大行程	X axis travel	360+30			
Z轴最大行程	Z axis travel	1100	1600	2100	3100
尾座轴径	Quill diameter	Ø110	Ø110	Ø160	Ø160

BML-900T(Y)

床身最大旋径	Swing over bed	Ø950			
最大加工长度	Max.turning length	1100	1600	2100	3100
夹头尺寸	Chuck size	15			
主轴转速	Spindle speeds	2000rpm			
刀具数	Tool number	12			
X轴行程	X axis travel	360+30			
Y轴行程	Y axis travel	选配Optional: ±80			
Z轴最大行程	Z axis max travel	1120	1620	2120	3120



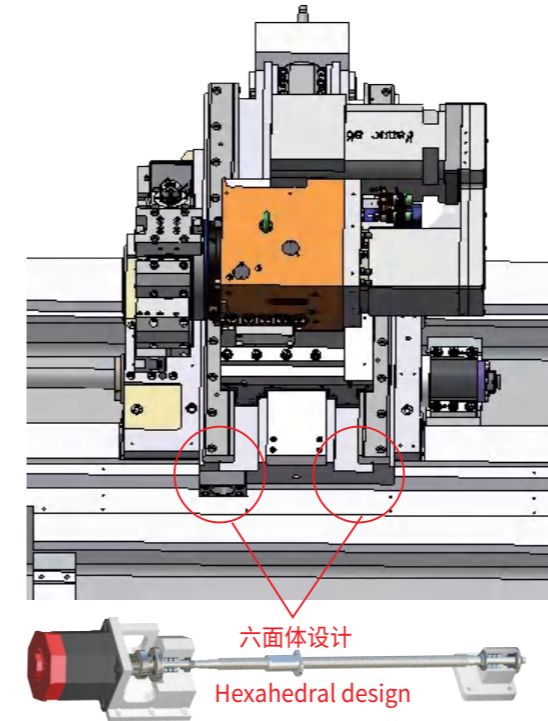
用于重型加工的高刚性车身结构 High Rigidity Body Structure for Heavy-duty Machining



01 一体式铸床 One-Piece Casting Bed

由Meehanite铸铁制成的一体式30度倾斜床身具有超强的减振特性，为所有机械部件提供了坚固的基础，其设计能够长期保持加工精度和一致性。此外，30度倾斜床设计为操作员提供了方便的取用工件和卓越的排屑能力。One-piece 30-degree slant bed made out of Meehanite cast iron, which has superb vibration absorption characteristics, provides rigid foundation for all machine components. Such design endures long-term machining accuracy and consistency. In addition, 30-degree slant bed design provides operators with convenient access to the workpiece and superb chip discharge.

■所有滑座、主轴箱、尾座与床身的接触面均经过精密手工刮削，确保持久的加工精度和最小的表面磨损。Precision hand scraping of contact surfaces of all slides, headstock and tailstock with the bed ensure long lasting machining accuracy and minimal surface wears.



02 轴高性能电机 Axis High Performance Motor

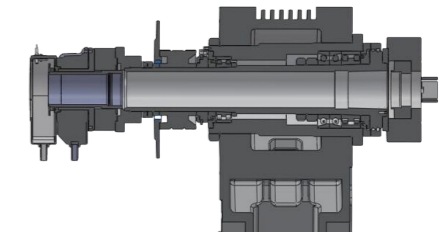
轴配备高性能进给电机，具有更好的行程能力，卓越快速的移动速度使轴运动平稳、精确。Axis is equipped with high performance feed motor for better travel ability, excellence rapid traverse rate, smooth and precise axis movement.

宽箱导轨和托架 Wide box guideways and Carriage

六面体设计和宽箱形导轨由一体式铸件加工而成，可促进重型加工。感应淬火和精密磨削方式可确保长时间的精确加工。宽滑座可减少振动并实现高精度加工。Hexahedral design and wide box guideways, machined from one piece casting, promote heavy duty machining. Induction hardened and precision ground ways ensure accurate machining for extended period of time. Wide carriage promotes less vibration and allows high precision machining.

03 主轴 Main Spindle

前后双列圆柱滚子轴承，配合角向推力轴承，确保重切削时的高刚性和优异的表面光洁度。Double row cylindrical roller bearings in the front and back, coupled with angular thrust bearing, ensure high rigidity for heavy cutting and excellent surface finishes.

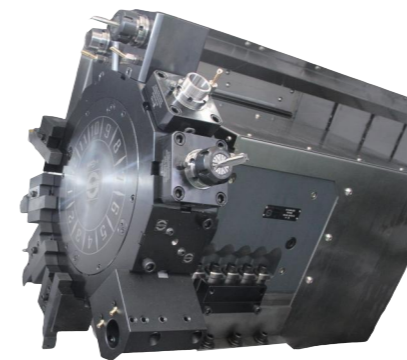


预紧滚珠丝杆 Main Spindle

所有轴滚珠丝杠均经过矿石拉伸、热处理并通过两端的双固定提供终极刚性和最小的热增长。All axes ballscrews are ore-tensioned, heat treated and fixed by double anchors on both ends, providing ultimate rigidity and minimal thermal growth.

04 12工位刀塔 12-Station Turret

大直径3件式Curvic联轴器可实现卓越的刚性并延长刀其寿命。高扭矩交流伺服电机驱动确保快速转位时间、卓越的定位和重复精度。Large diameter 3-piece Curvic coupling for excellence rigidity and extended tool life. High torque AC servo motor driven ensure fast indexing time, excellence position and repeatability.



05 BML-900

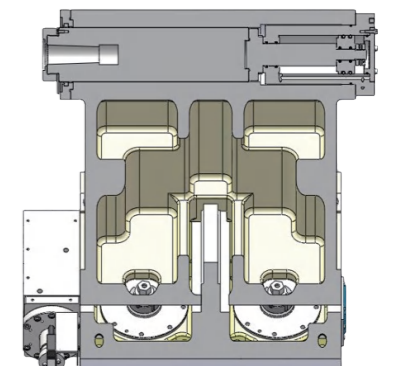
宽间距导轨和重载尾座体设计保证了加工刚性，内置主轴套筒设计保证了更高的刚性。Wide-spaced guideways and heavy duty tailstock body design ensure machining rigidity, and built in spindle quill design ensures higher rigidity.

BML-900

- 顶心锥度: MT#5
- 心轴轴径: $\varnothing 110$ mm
- 顶心行程: 120 mm

BML-900

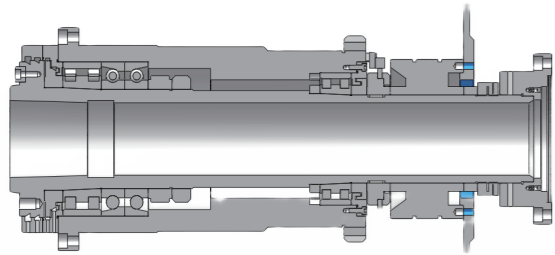
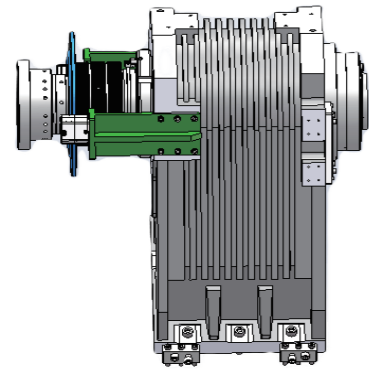
- Quill Type: MT#5
- Quill Dia: $\varnothing 110$ mm
- Quill Travel: 120 mm



主轴 Main Spindle

高精度、高性能数控车削中心
High Accuracy & Performance CNC Turning Center

主轴 Spindle

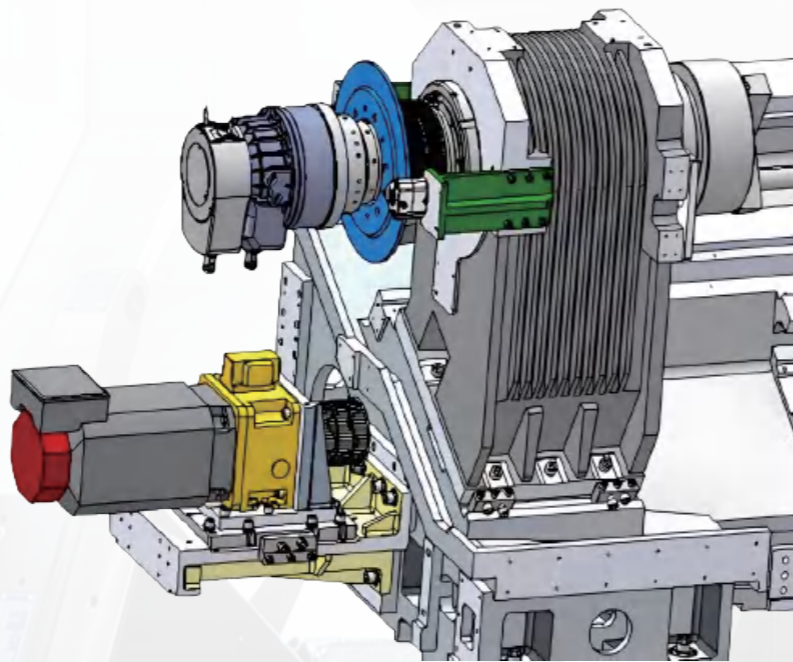


主轴 Main Spindle

重型主轴箱由一体式铸件加工而成。
扇形罗纹设计加强了散热器，
通过轴运动消散产生的热量，保持最小的热膨胀。

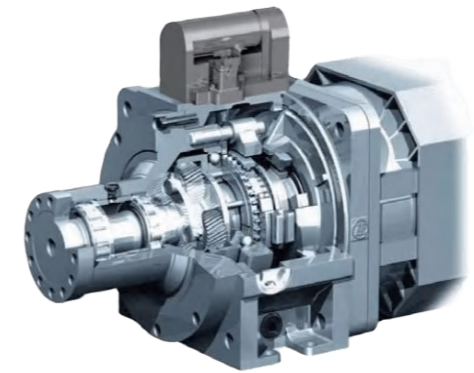
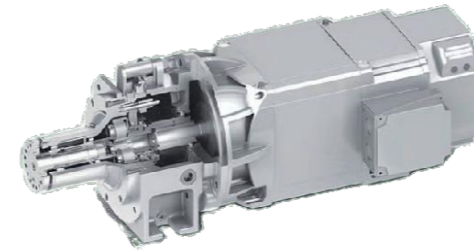
Heavy-duty headstock machined from one-piece casting.
Reinforced with radiator fan like pin tube rib design dissipates
heat generated by axis movements, maintaining minimal thermal
expansion.

	BML-900	BML-900T	BML-900TY
夹头尺寸 Chuck size	15"	15"	15"
主轴鼻端 Spindle Nose	A2-11	A2-11	A2-11
主轴转速 Spindle Speeds	2,000	2,000	2,000
主轴孔径 Spindle bore dia	Ø131	Ø131	Ø131
拉杆孔径 Draw.bar dia	Ø116	Ø116	Ø116



- 主轴皮带轮系统配备动力强劲、可靠的fanuc交流电机，确保高扭矩输出和卓越的重型切割能力。
- V形皮带连接到主轴和齿轮箱上，具有高功率传输能力卓越的抓地力让皮带和滑轮之间的滑移最小。
- 采用PK型皮带轮，即使在高速下也能达到低振动、低噪音和良好的表面粗糙度的切削效果。
- Spindle pulley system is equipped with power and reliable Fanuc AC motor to ensure high torque output and excellence heavy-duty cutting capability.
- V-pulley belts attach to main spindle and gearbox for high power transmission capacity,excellence grip and minimum slip between belt and pulley.
- PK type pulley belt is used to achieve low vibration, low noise and good surface roughness cutting result even at high speed.

二段变速齿轮箱 Two-Speed Gearbox



■ BML-900配置二段变速齿轮箱，提供强大的主轴输出功率和扭矩。
BML-900 are equipped with two-speed gearbox,provide powerful spindle output power and torque.

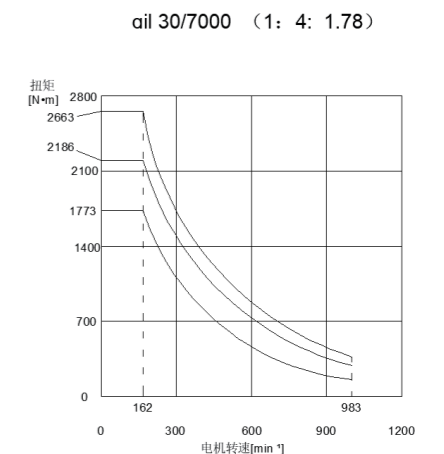
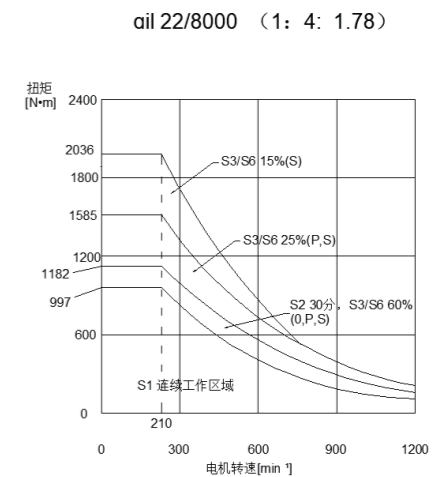
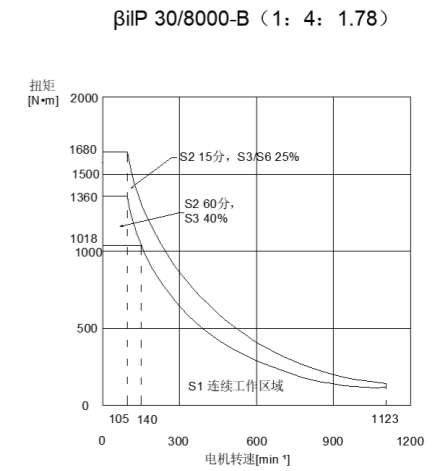
BML-900: 2,000 rpm

最大输出 Max.Output | 最大扭矩 Max.Torque(选配OPT:1:5.5)
15 kW | **1680 N.m**

最大输出 Max.Output | 最大扭矩 Max.Torque(选配OPT:1:5.5)
22 kW | **2036 N.m**

最大输出 Max.Output | 最大扭矩 Max.Torque(选配OPT:1:5.5)
30 kW | **2663 N.m**

■ BML-900T主轴扭矩图 BML-900T Spindle Torque Diagram



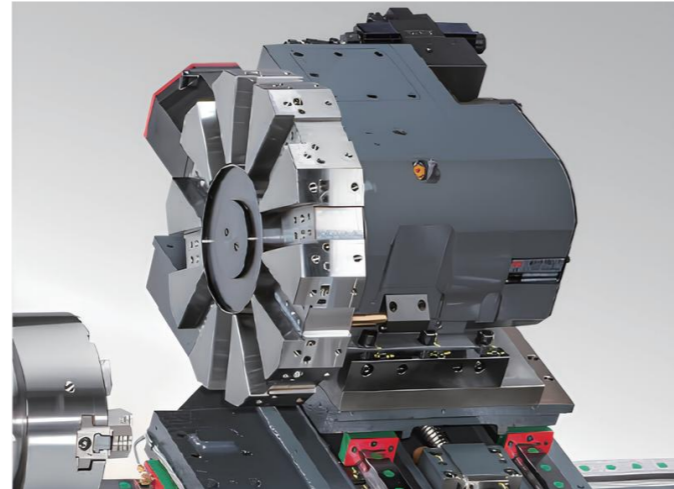
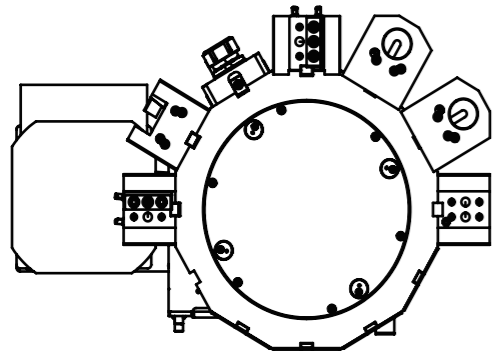
刀塔 Turret

最佳性能和高精度刀塔

Finest performance and high precision turret

标准刀塔 Standard Turret

重型刀塔由高扭矩交流伺服电机驱动，可实现快速旋转和重复性。刀塔设计采用大直径Curvic联轴器，确保准确定位和强大的夹持力。Heavy-duty turret driven by high torque AC servo motor for rapid rotation and repeatability. The turret design features large diameter Curvic coupling ensure accurate positioning and strong clamping power.



标准刀塔 Standard Turret

- 刀具数量 : 12 EA
- 换刀时间 : 1.5sec
- No.of Tools : 12 EA
- Indexing Time : 1.5sec

刀座 Holder



镗刀座 Boring holder

- BML-900: 050
- BML-900TY: 040



轴向刀座 Bite holder

- 25

BMT 铣刀刀塔 BMT Mill Turret

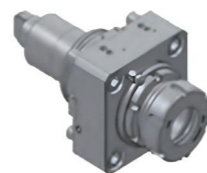
BMT刀塔配备2个独立的电机用于转位和铣削，提高加工性能并减少工件的加工时间。

BMT turret is equipped with 2 separated motors for indexing and milling which improving machining performance and reducing processing time of workpiece.

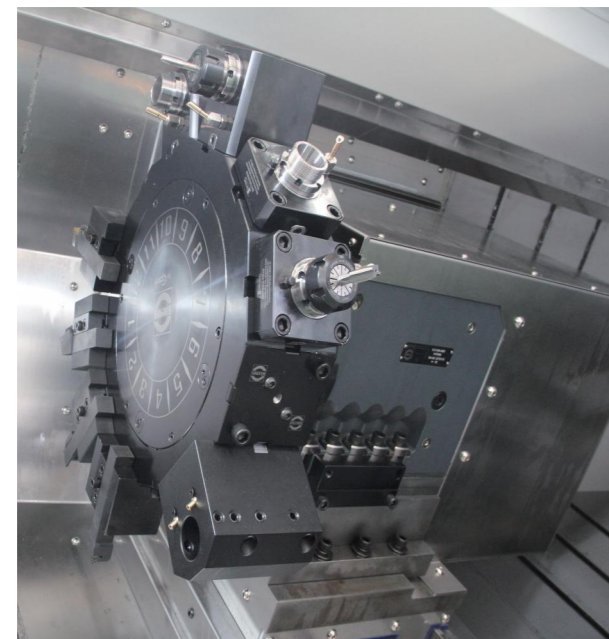
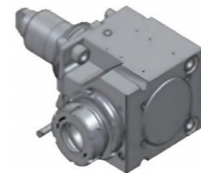
铣刀刀座 Mill tool Holder

刀架通过4个螺钉安装到BMT刀塔上，确保稳定性、刚性和重型加工操作。Tool holder is mounted to BMT turret by 4 screws ensures stability, rigidity and heavy-duty machining operations.

直铣刀座 Straight mill holder

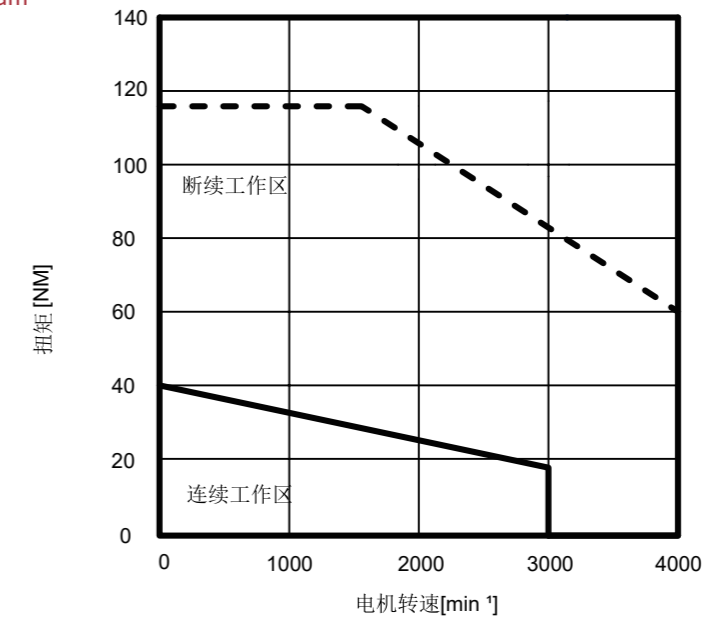


角铣刀座 Angular mill holder

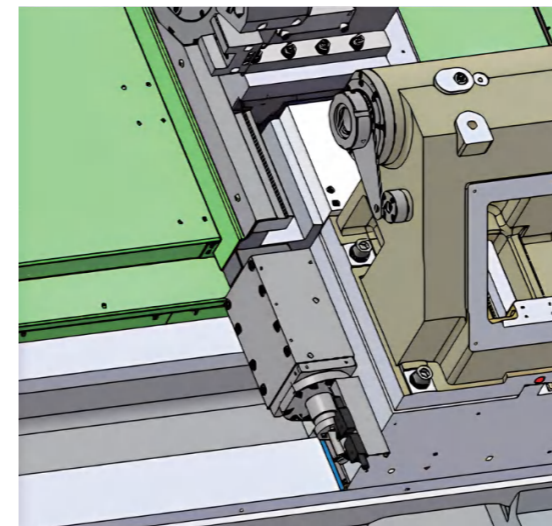


铣刀扭矩图

Mill Tool Torque Diagram

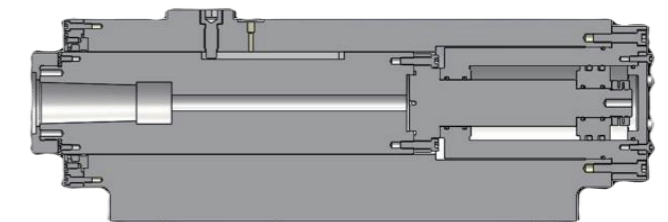


尾座 Tailstock



BML系列标配可编程尾座本体及尾座轴，使尾座位置调整更容易，并且最大限度地减少设置时间。

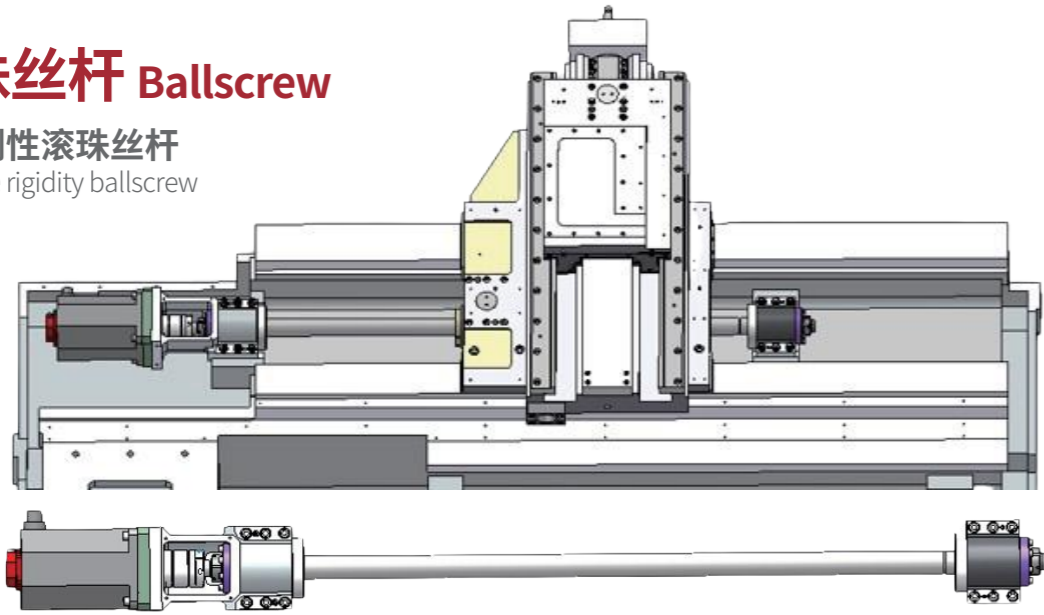
Programmable tailstock body & quill is provided as standard equipment for BML series, make easier to adjust tailstock position and minimize setup time.



项目	尾座行程	心轴直径	锥度	顶心行程
ITEM	Tailstock travel	Quill dia.	Taper	Quill travel
BML-630	850/1350	Ø90	MT5	120
BML-630T	850/1350	Ø90	MT5	120
BML-630TY	850/1350	Ø90	MT5	120
BML-630TSY	/			
BML-900	950 1450 1950 2950	Ø110 Ø160	MT5	120
BML-900T	1020 1520 2020 3020	Ø110 Ø160	MT5	120
BML-900TY	1020 1520 2020 3020	Ø110 Ø160	MT5	120

滚珠丝杆 Ballscrew

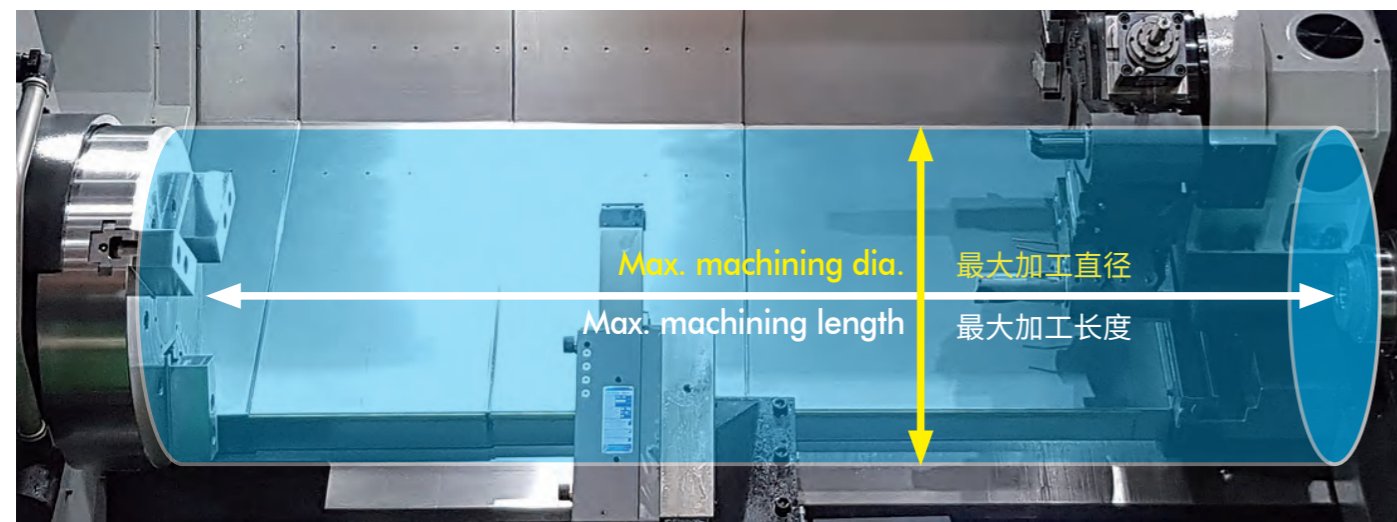
极限刚性滚珠丝杆
Ultimate rigidity ballscrew



预紧双锚滚珠丝杆 Pre-Tensioned and Double Anchored Ballscrews

X轴、Z轴两端固定并预紧P4高精度角接触球轴承，确保转动精准、平稳。
Both ends of X-axis and Z-axis are fixed and preloaded with P4 high precision Angular contact ball bearing ensure precise and smooth rotation.

加工区域 Machining Area



型号	最大加工直径	最大加工长度				棒材直径
BML-500T	Ø330	520				Ø52
BML-500TY	Ø330	520				Ø52
BML-500TSY	Ø330	450				Ø52
BML-630	Ø500	1000	1500			Ø75
BML-630T	Ø500	1000	1500			Ø75
BML-630TY	Ø450	1000	1500			Ø75
BML-630TSY	Ø450	1100				Ø75
BML-900	Ø610/Ø720	1100	1600	2100	3100	Ø116 OPT:Ø165
BML-900T(Y)	Ø610/Ø720	1100	1600	2100	3100	Ø116 OPT:Ø165

Model	Max. machining dia.	Max. machining length				Bar capacity
BML-500T	Ø330	520				Ø52
BML-500TY	Ø330	520				Ø52
BML-500TSY	Ø330	450				Ø52
BML-630	Ø500	1000	1500			Ø75
BML-630T	Ø500	1000	1500			Ø75
BML-630TY	Ø450	1000	1500			Ø75
BML-630TSY	Ø450	1100				Ø75
BML-900	Ø610/Ø720	1100	1600	2100	3100	Ø116 OPT:Ø165
BML-900T(Y)	Ø610/Ø720	1100	1600	2100	3100	Ø116 OPT:Ø165

智能操作功能 SMART Operation Features

智能BML系列车削中心将操作员的便利性提升到了一个新的水平，提供关键的可选配件作为机器的标准功能。

Smart BML Series Turning Centers take operator convenience to the next level, offering key optional accessories as standard features of the machines.



BZi 编码器 BZi Sensor

光巨为BML系列的所有型号提供BZi传感器作为标准设备，而不是位置编码器。BZi传感器的使用有助于降低售后服务成本，因为BZi传感器不需要维护，不像位置编码器需要定期维护。

LIGHT provides BZi sensor as standard equipment, instead of position coder, for all models of BML series. Use of BZi sensor helps reduce after sale service cost as BZi sensor does not require maintenance, unlike position coder which need regular service maintenance.

操作员友好的键盘布局准备 Operator-Friendly Keyboard Layout



- 10.4英寸彩色显示器
- 10.4" color monitor
- 半永久性 A/S LED 灯
- Semi-permanent A/S LED lamping
- 防水按钮
- Water proof button
- 大按钮尺寸
- Big button size
- 可更换按钮帽
- Replaceable button cap
- 指示灯处于100%状态
- Light indicator at 100% driving status

操作员友好的键盘设计可实现高效的机器操作，并带有受保护的密封按钮，可防止字母和标志磨损。操作面板最多可旋转90度，使操作员在机器上工作时可以轻松操作面板。

Operator-friendly keyboard design for efficient machine operation, with protected sealed buttons to prevent letters and signs from wearing off. Operator panel swivels up to 90 degrees, providing operators with easy access to the panel while working on the machine.

标准计量润滑系统

Metered Lubrication System



仅当轴运行时，自动润滑分配器才能可靠地分配准确的润滑。如果润滑管路出现故障，系统会在CRT上生成警告消息并停止机器以确保操作安全。

Automatic lubrication dispenser reliably dispenses exact amount of lubrication, only when axes is in operation. In the event of lubrication line failure, the system generates a warning message on CRT and stops the machine for operation safety.

标准高压冷却液泵

High Pressure Coolant Pump



标配高压冷却液泵，充分冷却切削时产生的热量，确保加工精度并延长刀具寿命，同时撇油器能有效去除冷却液中的油。

Standard high pressure coolant pump sufficiently cools off the heat generated while cutting, ensuring precision machining and extended tool life, while Oil Skimmer effectively removes oil from coolant.

撇油器 Opt.

Oil Skimmer



皮带式撇油器
Belt type oil skimmer



轻松插入/移除电缆
Easy plug-in/remove cable

特点 Features

手册指南 Manual Guide i

Opt.

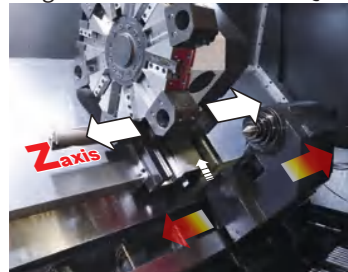


MGI使操作员能够使用对话式编程来编程和模拟零件程序，而无需实际运行机器。
MGI enables operators to program and simulate part programs using a conversational programming without actually running the machine.

可编程尾座和心轴

Std.

Programmable Tailstock and Quill



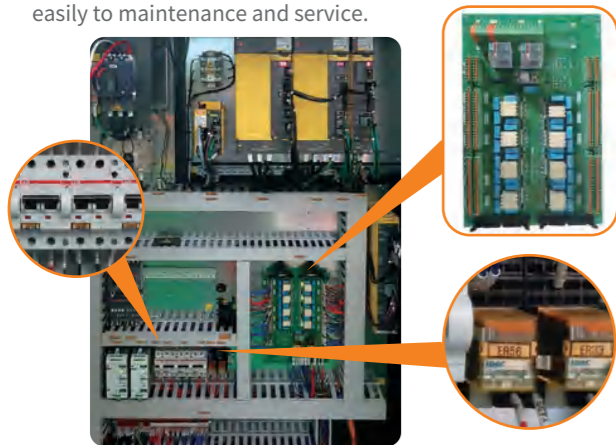
可编程尾座和主轴使设置变得更容易、更快捷。
Programmable tailstock and quill make the set-up easier and faster.

高标准地电气组件

Highly Reliable Electrical Components

制动、电源和继电器电路集成到单板系统中，最大限度地减少电气系统故障并易于维护和维修。

Brake, power and relay circuits are integrated into one board system to minimize electrical system failure and easily to maintenance and service.



CE认证脚踏开关

Std.

气枪/冷却液枪

CE Approved Foot Switch

Air Gun/Coolant Gun

连接就绪模块设计可轻松添加或删除配件。

Connection-ready module design to easily add or remove accessories.



刀具预调器 Tool Presetter

Opt.



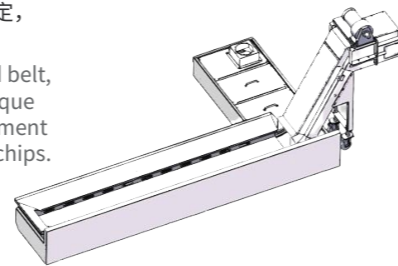
刀具预调器通过最小化手动蒙皮测量切割和输入刀具偏移的需要来减少设置时间。
Tool presetter reduces set-up time by minimizing the need for manual skincuts, measurement, and entering of tool offsets.

切屑输送机 Chip Conveyor

Opt.

配有宽铰链皮带、蜗轮减速器和扭矩限制器，确保运动稳定，有效处理切屑。

Equipped with wide hinged belt, worm gear reducer and torque limiter ensure stable movement and efficiently disposes of chips.



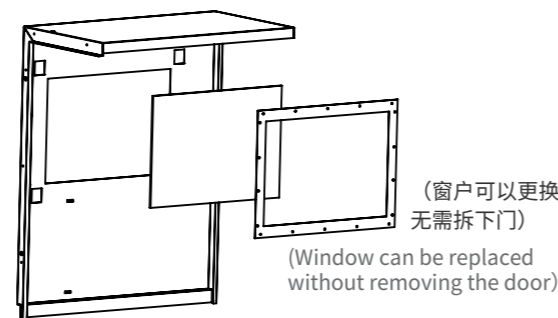
面向服务的钣金设计

Std.

Service Oriented Sheet Metals Design

钣金设计用于在需要维修时轻松接触零件/单元。

Sheet metals are designed for easy access to the parts/units when service is needed.



中心架

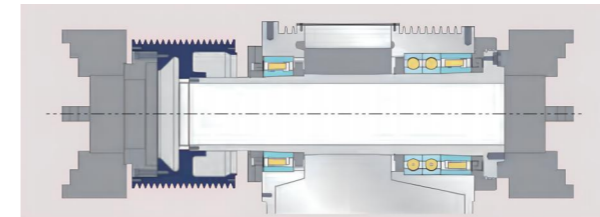
Steady Rest

稳定的支架支撑长工件的转动，防止工件抖动。
Steady rest supports turning long workpiece and prevent workpiece from trembling.

双卡盘

Opt.

Dual Chuck



双卡盘系统有助于提高长期加工稳定性 通过将工件固定在两个位置来加工工件

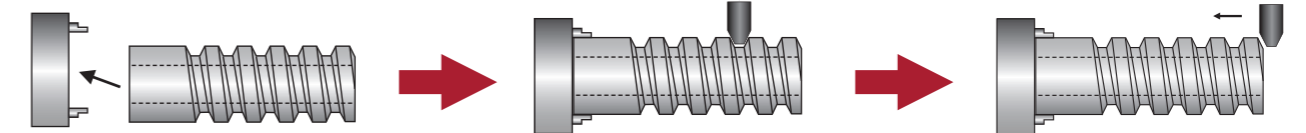
Dual chuck system helps improve machining stability for long workpiece by fix the workpiece at two positions.

再加工功能 Re-Machining Function

Opt.

此功能使用户可以轻松修复损坏的部件

This function allows user to easily repair damaged part.



步骤1: 装载损坏部分进入机器。
Step 1: Load the damaged part into the machine.

步骤2: 在主轴停止的情况下手动将刀具定位到已加工的螺纹中，然后用CNC记录位置。

Step 1: Manually positioning the tool into the machine dthread with the spindle stopped and then registering the position with the CNC.

步骤3: 退刀，启动主轴，运行零件程序进行重新加工线程。

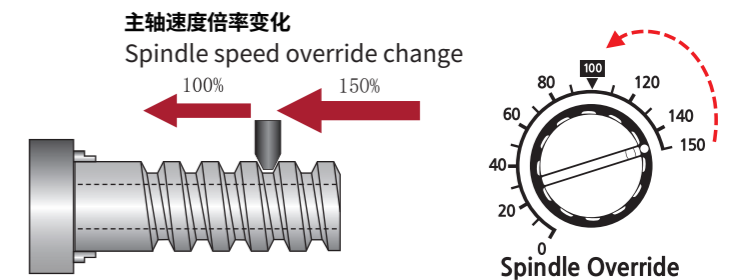
Step 3: Retract the tool, start the spindle and run the part program to re-machined the thread.

任意速度螺纹加工 Arbitrary Speed Threading

Opt.

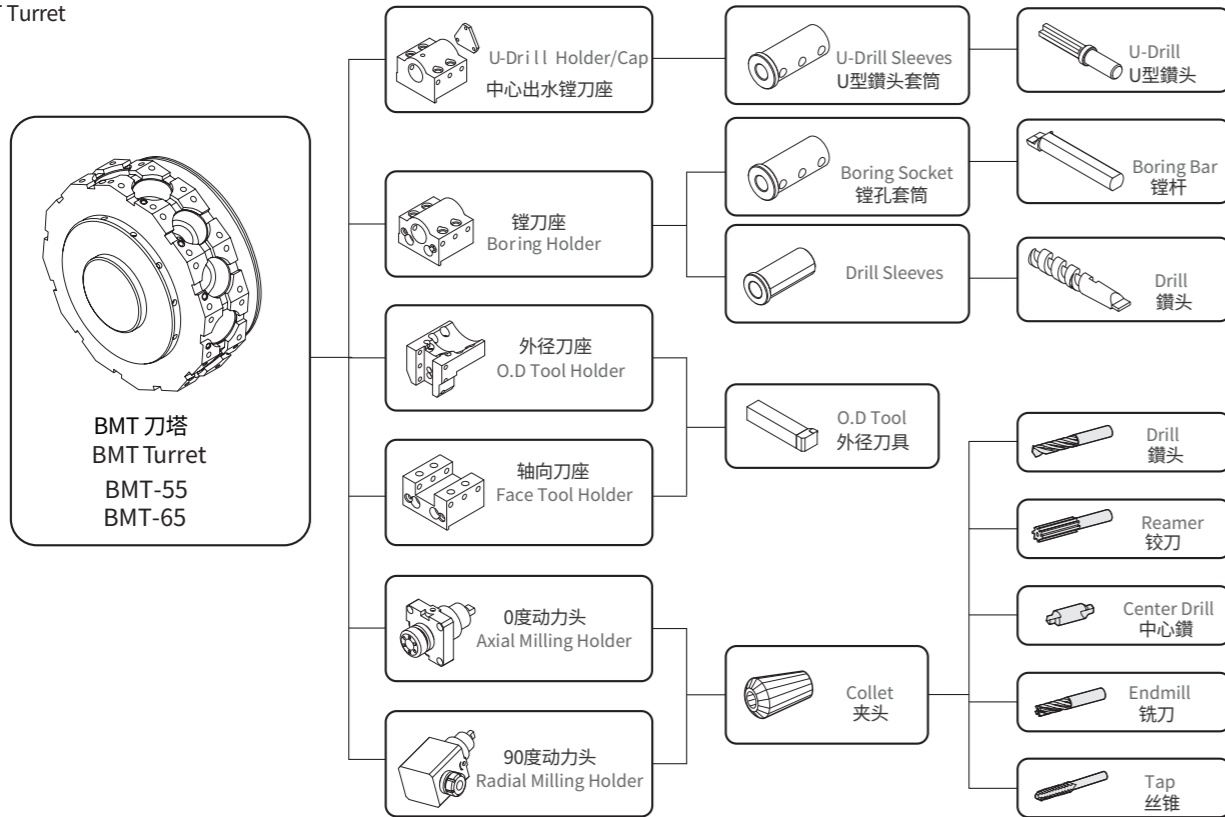
任意速度螺纹加工可确保切削刀具在螺纹加工轴速度，而不会损坏零件。过程中始终与主轴速度保持协调。它允许用户在螺纹加工过程中调整主轴速度，而不会损坏零件。

Arbitrary speed threading ensures cutting tool remains coordinated with spindle speed at all time during threading. It allows user to adjust spindle speed during threading without damaging the part.



刀具系统 Tooling System

BMT 刀塔 BMT Turret



标准配件 Standard Tooling Parts

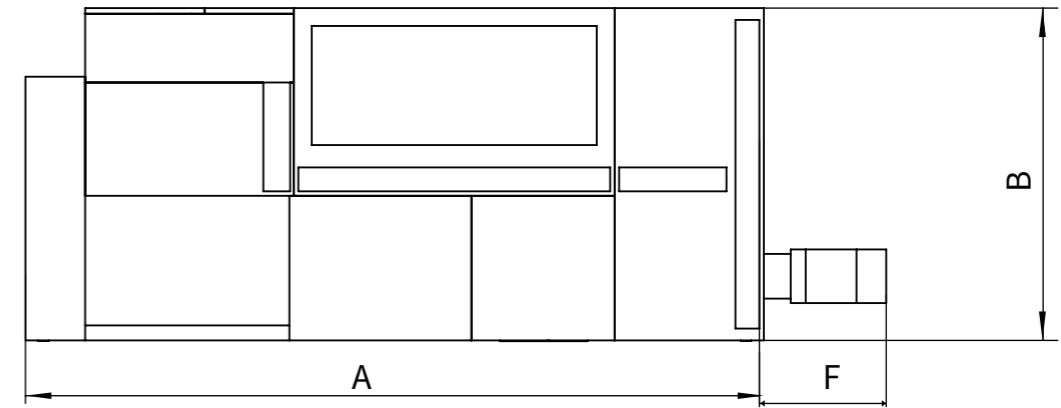
● : Standard ○ : Option

ITEM/ MODEL 项目/型号			BML-500	BML-630	BML-900	
Turning Holder 车削刀座	O.D Holder 外径刀座	-	●	●	●	
	Facing Holder 轴向刀座	-	○	○	○	
Boring Holder 镗孔刀座	I.D Holder 内径刀座	Single	●	●	●	
	U-Drill Holder/Cap U型钻头刀座/帽	-	○	○	○	
Driven Holder 动力刀座	Axial Milling Holder 0度动力头	Standard	○	○	○	
	Radial Milling Holder 90度动力头	Standard	○	○	○	
Socket 套筒	Boring 镗孔	Ø10(3/8")	●	●	●	
		Ø12(1/2")	●	●	●	
		Ø16(5/8")	●	●	●	
		Ø20(3/4")	●	●	●	
		Ø25(1")	●	●	●	
		Ø32(1 1/4")	●	●	●	
	Ø40(1 1/2")	●	●	●		
	Drill 钻头	MT2		○	○	○
		MT3		○	○	○
		MT4		○	○	○
MT5			○	○	○	

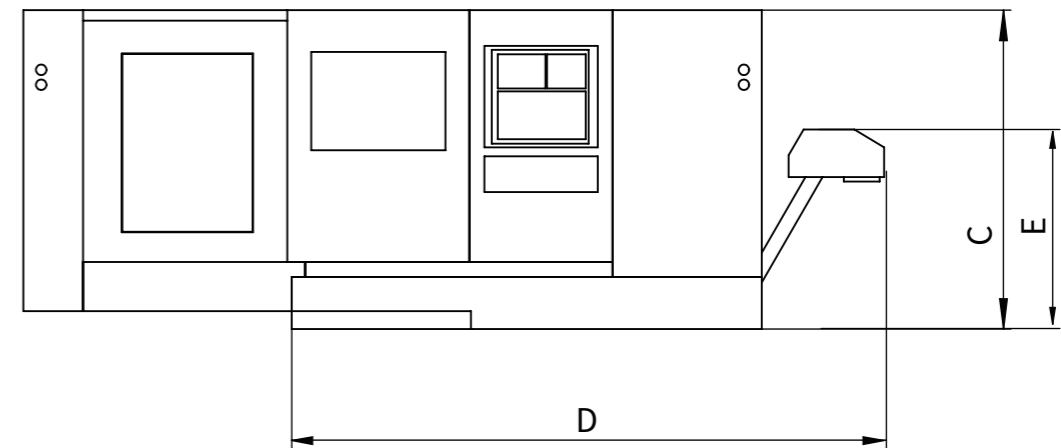
机器尺寸 Machine Dimensions

Unit : mm (inch)

顶视图 Top view



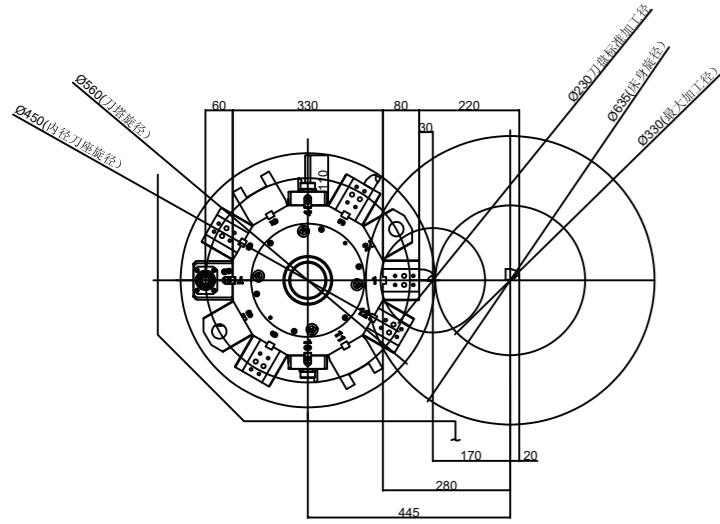
正视图 Front view



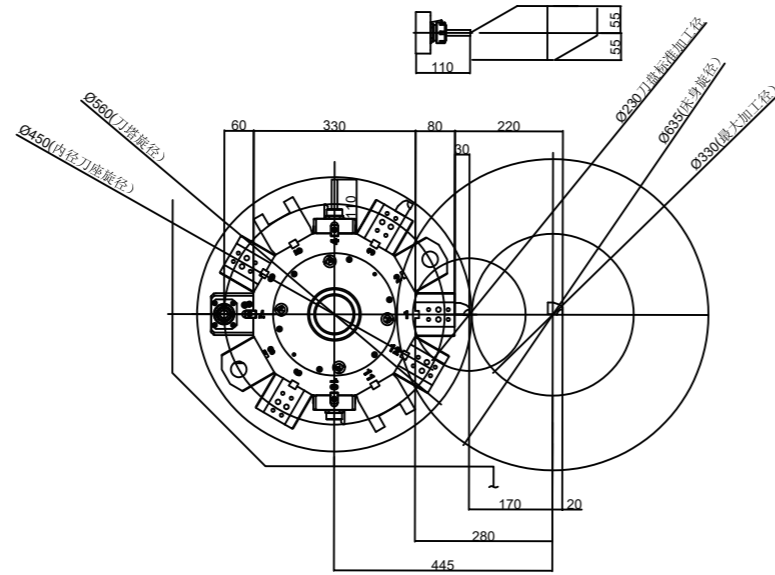
机型 Model	A (长度) (Length)		B (宽度) (Width)	C (高度) (Height)	D (单侧排屑器的长度) (Length with side chip conveyor)	E (排屑器高度) (Chip conveyor height)	F (侧排屑输送机) (Side chip conveyor)
BML-500T	3800		1900	1720	3800	1335	800
BML-500TY							
BML-500TSY	3875		2000	2290	4455	1300	800
BML-630	3845 (4345)		2050	1950			
BML-630T							
BML-630TY	4150 (4651)		2200	2450			
BML-900	4550	5000	2200	2885	3347	1300	670
BML-900T(Y)	5550	6550			3347		

Unit : mm (inch)

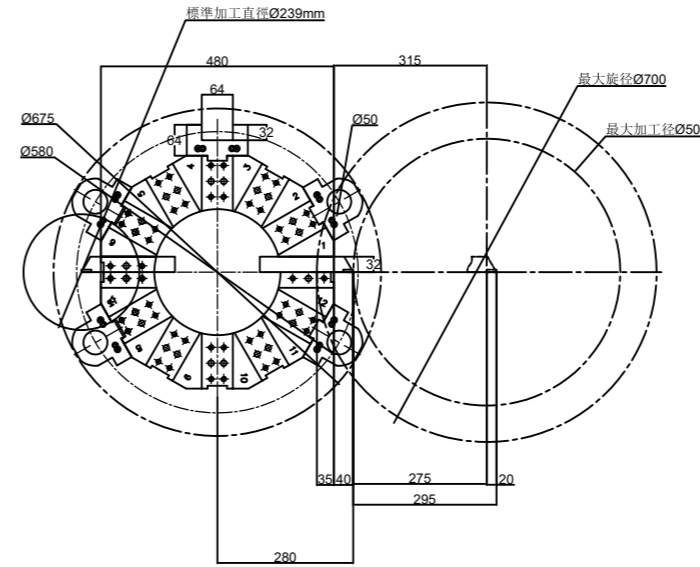
BML-500T



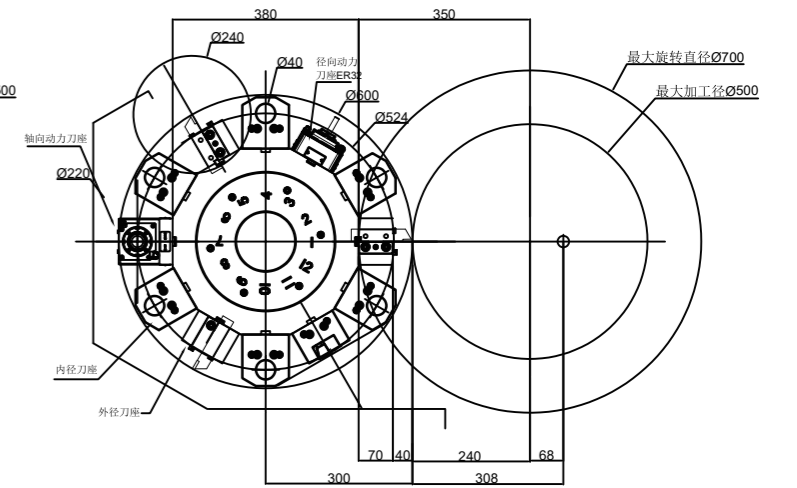
BML-500TY



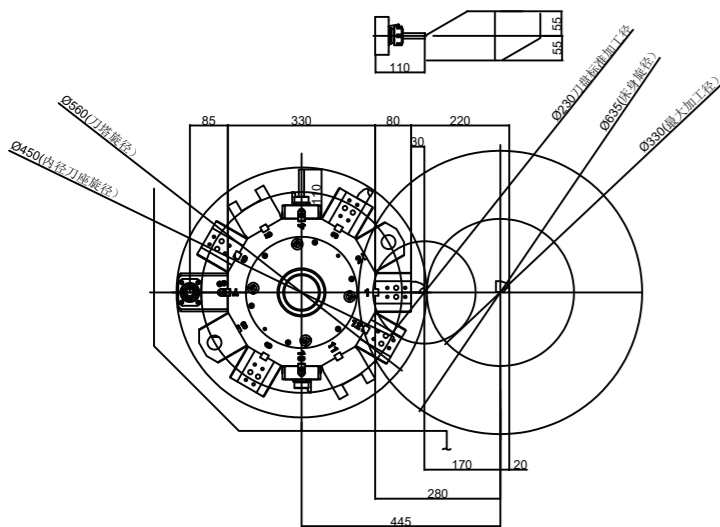
BML-630



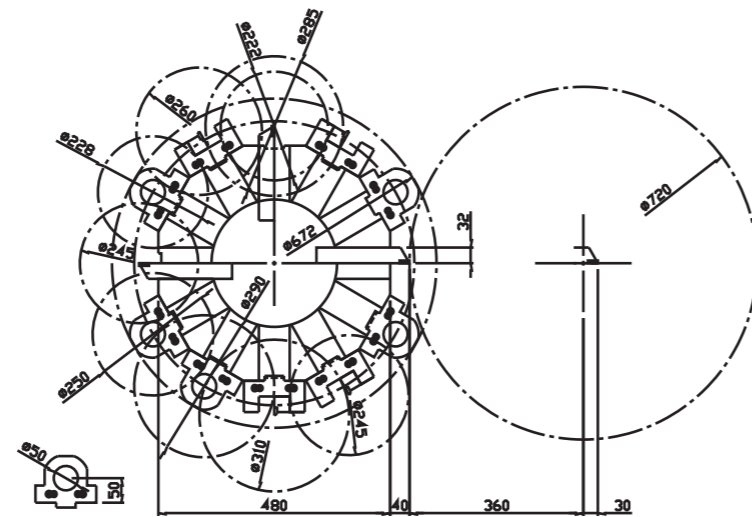
BML-630T



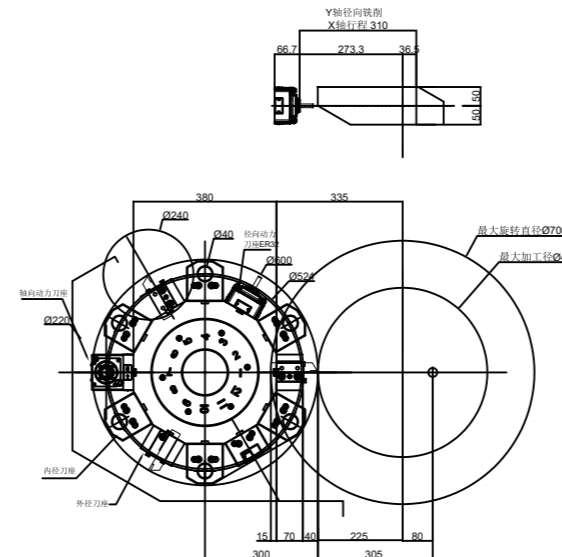
BML-500TSY



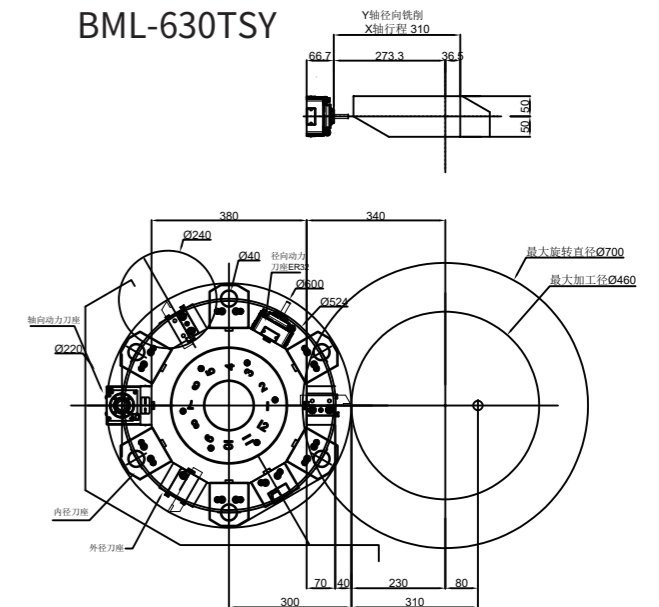
BML-900



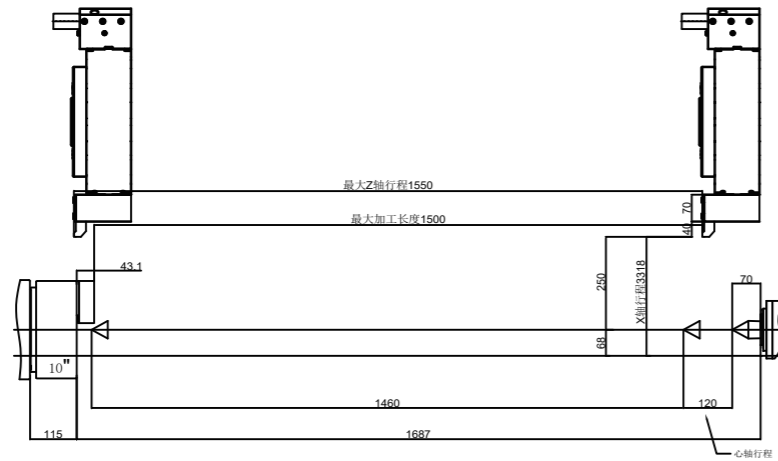
BML-630TY



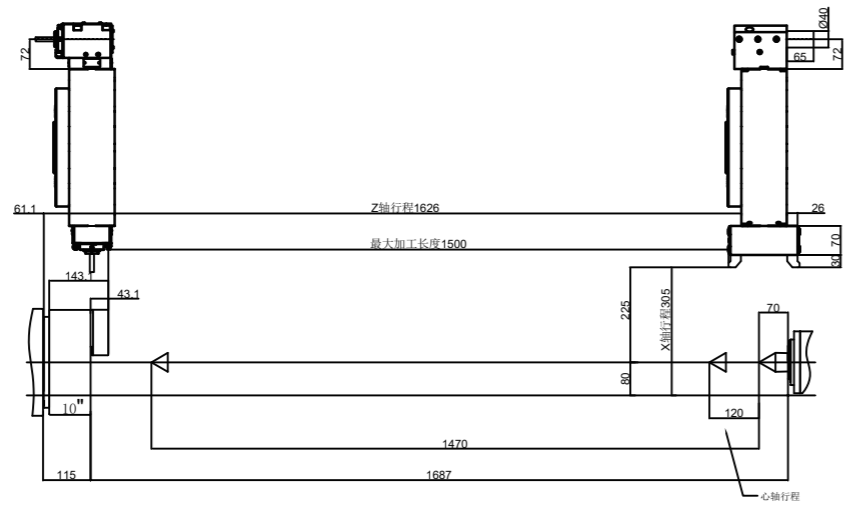
BML-630TSY



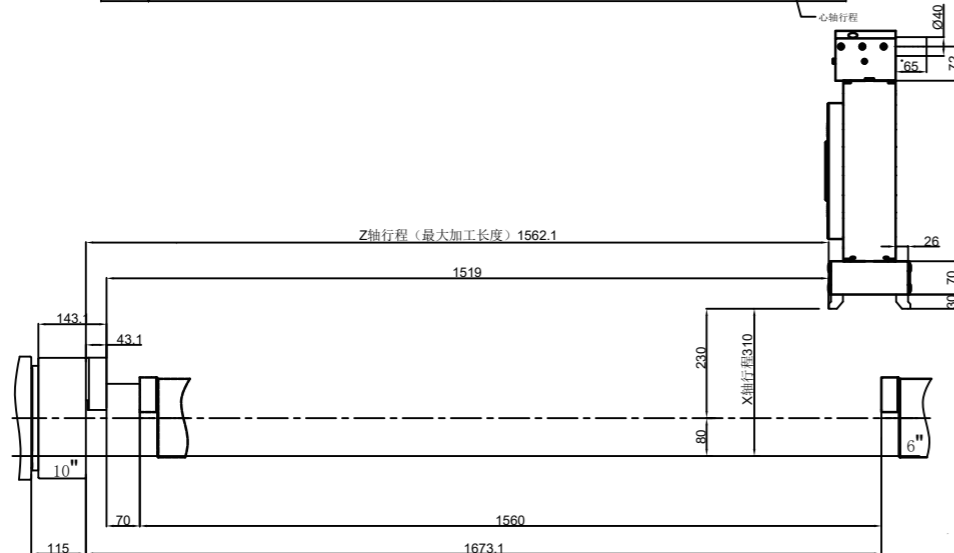
BML-630T



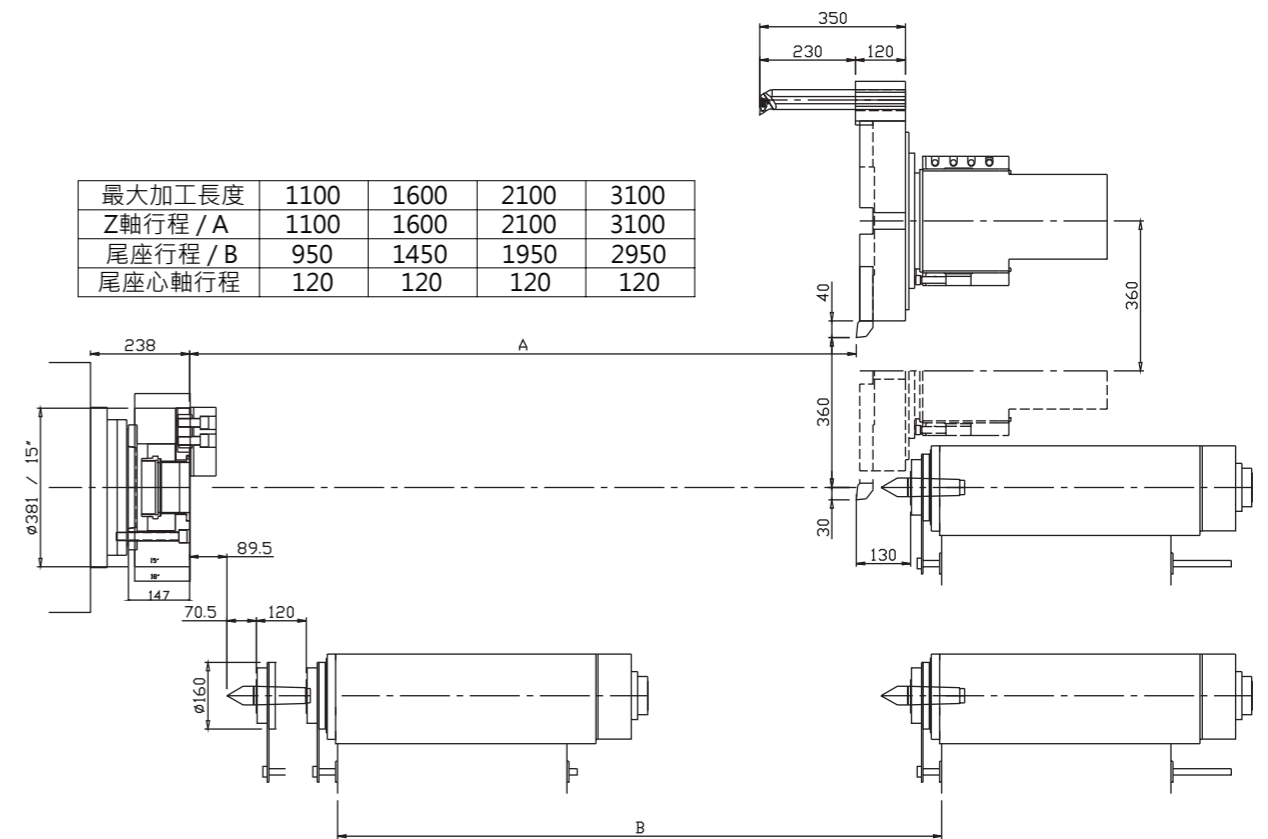
BML-630TY



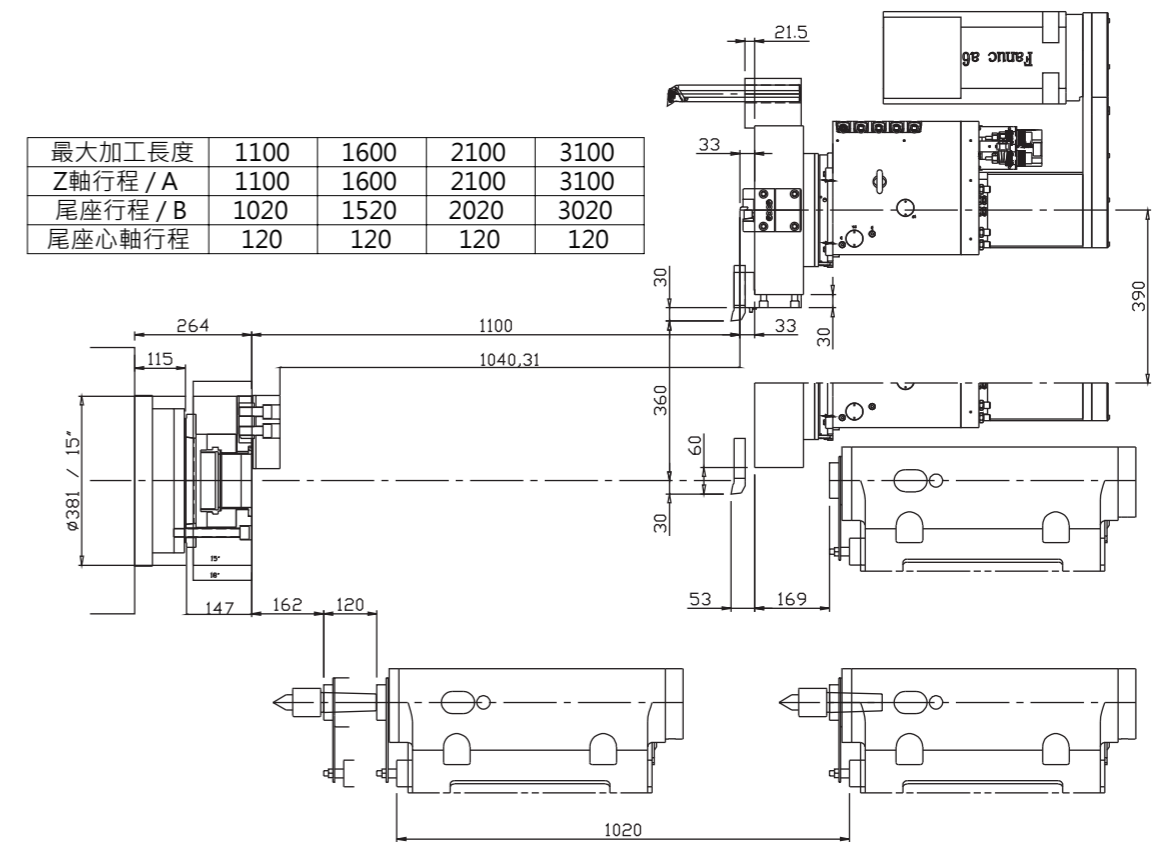
BML-630TSY



BML-900



BML-900T



机器规格 Machine Specifications

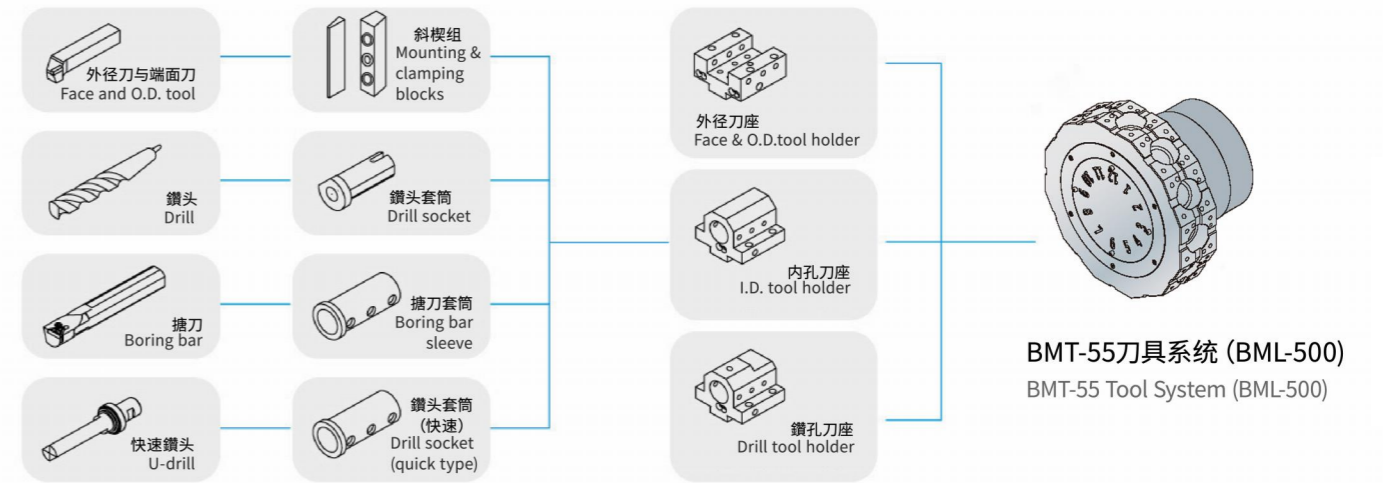
项目 ITEM		UNIT	BML-500	BML-630	BML-900
工作范围 Capacity	最大加工长度 Max.turning length	mm	600	1000/1500	1100/1600/2100/3100
	床身最大旋径 Swing over bed	mm	Ø635	Ø700	Ø950
	床鞍最大旋径 Swing over saddle	mm	Ø420	Ø500	Ø630
	最大切削直径 Max.Turning diameter	mm	Ø425	Ø550	Ø720
行程 Travels	X 轴行程 X axis travel	mm	232.5 (212.5+20)	295 (275+20)	360+30
	Z 轴最大行程 Z axis max travel	mm	600	1000/1500	1100/1600/2100/3100
	X 轴驱动马达 X axis motor	kw	3	3	3
	Z 轴驱动马达 Z axis motor	kw	3	3	3
	X 轴快速进给率 X axis rapid traverse	m/min	15	15	15
	Z 轴快速进给率 Z axis rapid traverse	m/min	15	15	10
主轴 Spindle	主轴鼻端 Spindle nose	ASA	STD:A2-6 OPT:A2-8	STD:A2-8 OPT:A2-11	STD:A2-11 OPT:A2-15
	通孔直径 Spindle bore dia	mm	Ø61	Ø85	Ø131
	棒材直径 Draw bar dia.	mm	Ø51	Ø75	Ø116
	主轴马达 Main spinde	kw	11/15	15/18.5	15/18.5
	主轴转速 Spindle speeds	rpm	4500	3500	2000
	夹头尺寸 Chuck size	inch	8"	10"	15"
刀塔 Turret	型号 Model		LS-200-12	LS250H	LS-250W
	刀具数 Tool number	Pcs	12	12	12
	四方刀具柄 Square tool handle	mm	□25 × □25	□32 × □32	□32 × □32
	镗孔刀座 Boring tool holder	mm	Ø40	Ø50	Ø50
	最远换刀时间 Max.furthest tools time	Sec	1.5	1.5	1.5
精度 Accuracy	X 轴定位精度 X- axis Positioning	mm	0.008	0.008	0.008
	Z 轴定位精度 Z- axis Positioning	mm	0.008	0.008	0.01/0.015/0.018/0.02
	X 轴重复定位精度 X-axis Repeatability	mm	0.006	0.006	0.006
	Z 轴重复定位精度 Z-axis Repeatability	mm	0.006	0.006	0.008/0.008/0.015/0.018
驱动马达 Feedrate	冷却装置马达 Coolant pump	kw	0.8	1.35	1.35
	油压箱马达 Hydraulic oil pump	kw	1.5	2.25	2.25
其它 Other	长×宽×高 L × W × H	mm	3789 × 1803 × 1707	3845 (4345) +800 × 2050 × 1950	4550+900 × 2200 × 2180
		mm			5050+900 × 2200 × 2180
		mm			5550+900 × 2200 × 2180
		mm			6550+900 × 2200 × 2180
	净重 Net weight	kg	4310	7130/8750	11600/12600/14600/16600

项目 ITEM		UNIT	BML-500T	BML-630T	BML-900T
工作范围 Capacity	最大加工长度 Max.turning length	mm	520	1000/1500	1100/1600/2100/3100
	床身最大旋径 Swing over bed	mm	Ø635	Ø700	Ø950
	床鞍最大旋径 Swing over saddle	mm	Ø420	Ø500	Ø630
	最大切削直径 Max.Turning diameter	mm	Ø330	Ø480	Ø610/Ø720
行程 Travels	X 轴行程 X axis travel	mm	185 (165+20)	240+20	360+30
	Z 轴最大行程 Z axis max travel	mm	520	1000/1500	1100/1600/2100/3100
	X 轴驱动马达 X axis motor	kw	3	3	3
	Z 轴驱动马达 Z axis motor	kw	3	3	3
	X 轴快速进给率 X axis rapid traverse	m/min	15	15	15
	Z 轴快速进给率 Z axis rapid traverse	m/min	15	15	10
主轴 Spindle	主轴鼻端 Spindle nose	ASA	STD:A2-6 OPT:A2-8	STD:A2-8 OPT:A2-11	STD:A2-11 OPT:A2-15
	通孔直径 Spindle bore dia	mm	Ø61	Ø85	Ø131
	棒材直径 Draw bar dia.	mm	Ø51	Ø75	Ø116
	主轴马达 Main spinde	kw	11/15	15/18.5	15/18.5
	主轴转速 Spindle speeds	rpm	4500	3500	2000
	夹头尺寸 Chuck size	inch	8"	10"	15"
刀塔 Turret	型号 Model		BMT-55	BMT-65	BMT-65
	刀具数 Tool number	Pcs	12	12	12
	B 轴转速 B axis speed	mm	6000	6000	6000
	B 轴马达 B axis motor	rpm	4.5	4.5	4.5
	四方刀具柄 Square tool handle	kw	□25 × □25	□25 × □25	□25 × □25
	镗孔刀座 Boring tool holder	mm	Ø40	Ø40	Ø40
	最远换刀时间 Max.furthest tools time	Sec	1.5	1.5	1.5
精度 Accuracy	X 轴定位精度 X- axis Positioning	mm	0.008	0.008	0.008
	Z 轴定位精度 Z- axis Positioning	mm	0.008	0.008	0.01/0.015/0.02/0.02
	X 轴重复定位精度 X-axis Repeatability	mm	0.006	0.006	0.006
	Z 轴重复定位精度 Z-axis Repeatability	mm	0.006	0.006	0.008/0.008/0.015/0.018
驱动马达 Feedrate	冷却装置马达 Coolant pump	kw	1.0	1.35	1.35
	油压箱马达 Hydraulic oil pump	kw	1.5	2.25	2.25
其它 Other	长×宽×高 L × W × H	mm	3800 × 1900 × 1720	3845 (4345) +800 × 2030 × 1950	4550+900 × 2200 × 2180
		mm			5050+900 × 2200 × 2180
		mm			5550+900 × 2200 × 2180
		mm			6550+900 × 2200 × 2180
	净重 Net weight	kg	4310	7130/	11600/12600/14600/16600

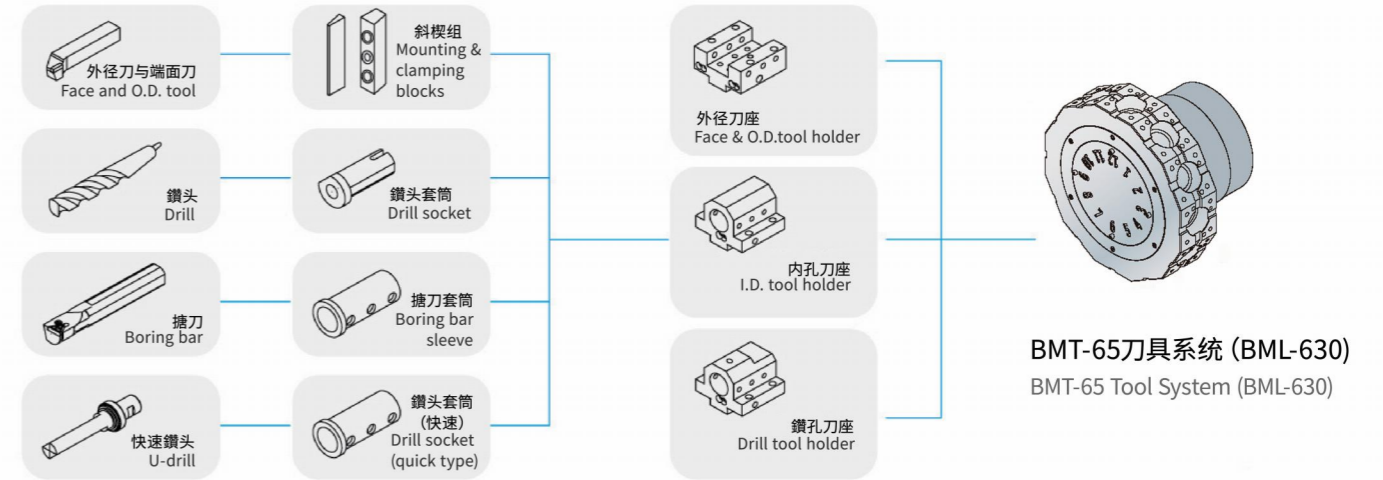
机器规格 Machine Specifications

项目 ITEM		UNIT	BML-500TY	BML-630TY	BML-900TY
工作范围 Capacity	最大加工长度 Max.turning length	mm	520	1000/1500	1100/1600/2100/3100
	床身最大旋径 Swing over bed	mm	Ø635	Ø700	Ø1100
	床鞍最大旋径 Swing over saddle	mm	Ø420	Ø500	Ø930
	最大切削直径 Max.Turning diameter	mm	Ø330	Ø450	Ø720
行程 Travels	X 轴行程 X axis travel	mm	185 (165+20)	245 (225+20)	390 (360+30)
	Y 轴行程 X axis travel	mm	110(±55)	124 (±62)	160 (±80)
	Z 轴最大行程 Z axis max travel	mm	520	1000/1500	1120/1620/2120/3120
	X 轴驱动马达 X axis motor	kw	3	3	3
	Y 轴驱动马达 Y axis motor	kw	3	3	3
	Z 轴驱动马达 Z axis motor	kw	3	3	3
	X 轴快速进给率 X axis rapid traverse	m/min	15	15	15
	Y 轴快速进给率 Y axis rapid traverse	m/min	15	15	15
Z 轴快速进给率 Z axis rapid traverse	m/min	15	15	10	
主轴 Spindle	主轴鼻端 Spindle nose	ASA	STD:A2-6 OPT:A2-8	STD:A2-8 OPT:A2-11	STD:A2-11 OPT:A2-15
	通孔直径 Spindle bore dia	mm	Ø61	Ø85	Ø131
	棒材直径 Draw bar dia.	mm	Ø51	Ø75	Ø116
	主轴马达 Main spinde	kw	11/15	15/18.5	15/18.5
	主轴转速 Spindle speeds	rpm	4500	3500	2000
	夹头尺寸 Chuck size	inch	8"	10"	15"
刀塔 Turret	型号 Model		BMT-55	BMT-65	BMT-65
	刀具数 Tool number	Pcs	12	12	12
	四方刀具柄 Square tool handle	mm	□25 × □25	□25 × □25	□25 × □25
	B 轴转速 B axis speed	rpm	6000	6000	6000
	B 轴马达 B axis motor	kw	4.5	4.5	4.5
	镗孔刀座 Boring tool holder	mm	Ø40	Ø40	Ø40
	最远换刀时间 Max.furthest tools time	Sec	1.5	1.5	1.5
精度 Accuracy	X 轴定位精度 X- axis Positioning	mm	0.008	0.008	0.008
	Y 轴定位精度 Y- axis Positioning	mm	0.008	0.008	0.008
	Z 轴定位精度 Z- axis Positioning	mm	0.008	0.008	0.01/0.015/0.02/0.02
	X 轴重复定位精度 X-axis Repeatability	mm	0.006	0.006	0.006
	Y 轴重复定位精度 Y-axis Repeatability	mm	0.006	0.006	0.006
	Z 轴重复定位精度 Z-axis Repeatability	mm	0.006	0.006	0.008/0.008/0.015/0.018
驱动马达 Feedrate	冷却装置马达 Coolant pump	mm	1.0	1.35	1.35
	油压箱马达 Hydraulic oil pump	mm	1.5	2.25	2.25
其它 Other	长×宽×高 L × W × H	mm	3875 × 2000 ×	4150(4651)+800	4550+900 × 2200 × 2884
		mm			5050+900 × 2200 × 2884
		mm	2290	× 2200 × 2450	5550+900 × 2200 × 2884
		mm			6550+900 × 2200 × 2884
	净重 Net weight	kg	4870	7820/9220	12400/13400/15400/17400

BML-500油压伺服刀塔12刀 12 station hydraulic servo turret



BML-630油压伺服刀塔12刀 12 station hydraulic servo turret



BML-900油压伺服刀塔12刀 12 station hydraulic servo turret

