

HYBRID SPHERE CNC LATHES

FOR AUTOMOTIVE & PISTONS

精密球型数控车床



SWISS TECHNOLOGY



MIKE MACHINE

ABOUT US

麦克机器实业以国际标准精度的坚持，新时代产品为导向，客户支持与建议为动力，到达机器最大产能为目标。简而言之「质量保证、服务第一、专业团队、技术创新」

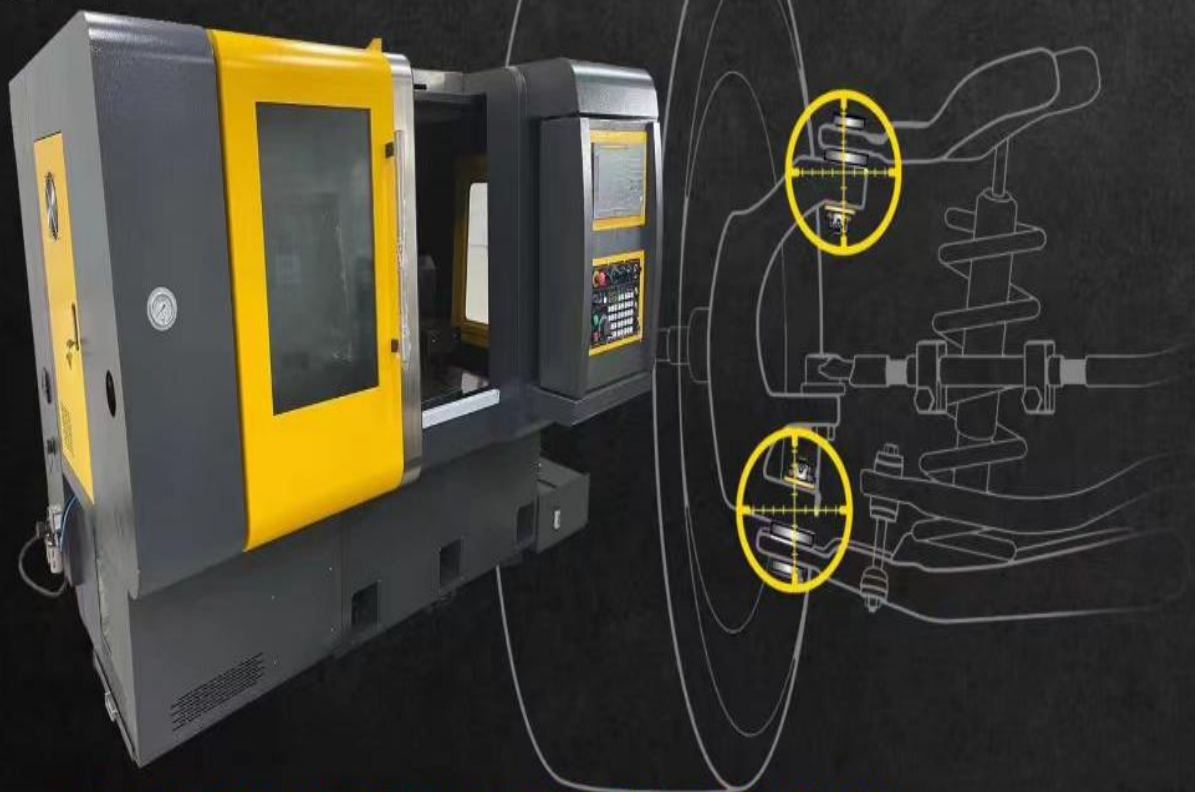
技术专利

自创立以来做了许多严格的检验程序，以确保我们的机器质量符合国际工业标准。持续不断的自我提升改善与永无止境的追求，开创高技术让客户能获得最高的收益

Since its inception in year 2012, Mike Machine has been dedicated in developing World-class solution for all its trusted clients internationally.

Armed with a devoted team of R&D professionals and absolute technological know-how in the industry, Mike Machine persistently pursuing the latest innovation and technology in developing top class solutions to meet the client's expectation.

Our mission is to achieve the utmost quality assurance in our product offerings, faithfulness in rendering our support to the clients, and attest to complying to the International standards for all our innovation.



SUITABLE FOR PROCESSING SPHERICAL WORK PIECES.

It improves the surface roundness, production efficiency and reduce defective rate during production process.

適用於球面加工，提高表面真圓度、有效降低不良率、提高生產效能
刀塔呈90度時，可同時加工工件頸部

APPLICATIONS

- **Automotive Suspension System**

Ball Joint, Ball Stud and Hydraulic Support Rods

汽車產業: 汽車懸吊系統球頭螺栓, 球頭螺桿, 掀背油壓支撐桿及車尾拖吊球頭螺栓

- **Valves**

Ball Valves, for Application of Sphere Parts of Air Conditioning System, Home Appliances and Sanitary Equipment

閥類: 水利設備閥類如球塞凡而, 考克及衛浴之球體零件

- **Hardware**

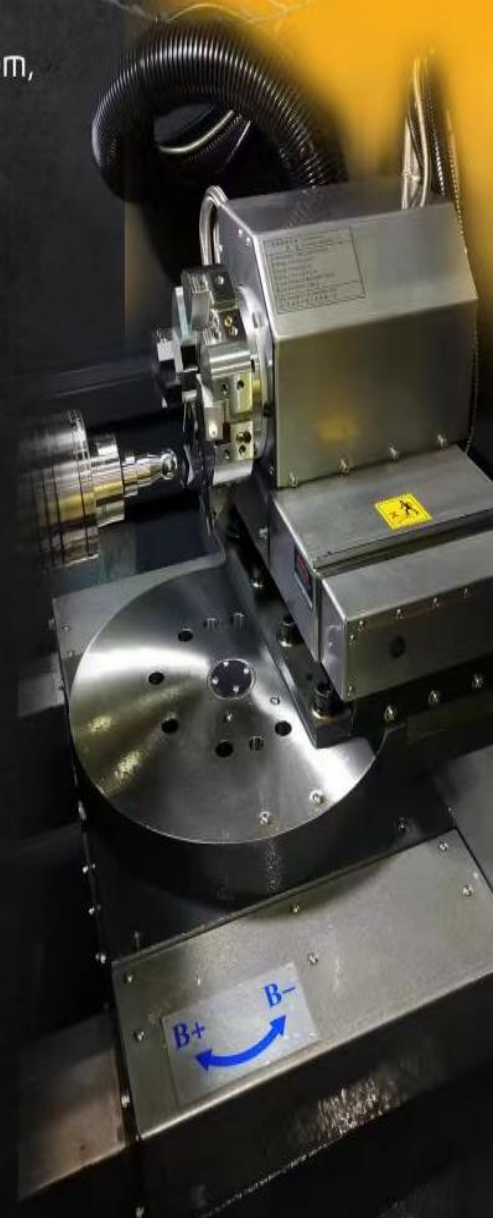
Ball Bearing, Ball Screws, Pillow Ball Rod Ends.

其它類別: 球面軸承, 萬向球頭螺栓, 魚眼, 接頭等五金應用

- **Medical**

Sphere of Artificial Joint.

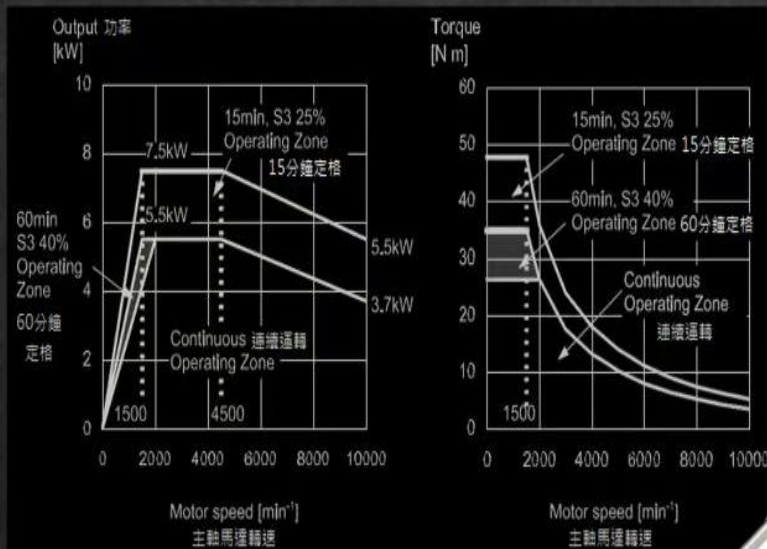
醫療: 應用於生產加工人工關節



HYBRID SPHERE CNC LATHES

MC4200BL Precision Hybrid Sphere CNC Lathe
精密球型加工數控車床

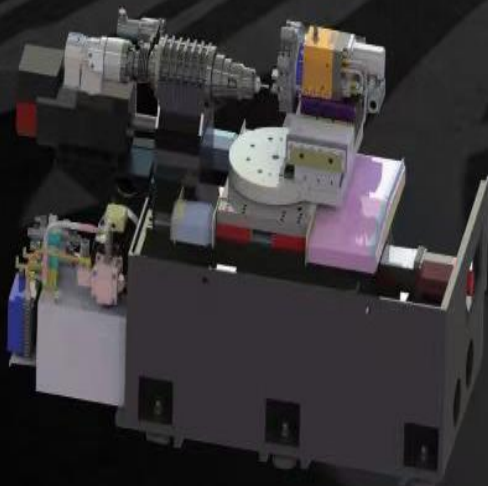
Spindle Motor Speed /Torque Diagram
主軸馬達轉速 / 扭力曲線圖



The spindle is supported by P4 class precision angular ball bearings with superior radial and axial capacity.

The spindle speed can reach 6,000RPM and is suitable for various machining applications.

- 主軸軸承採用P4級組合式斜角滾珠軸承，徑向及軸向止推力優異
- 主軸轉速6,000RPM，適用各材質加工



3 in 1 for general purpose, ball making and burnishing. Improving the surface roundness and reduces the processing time.

- 一般兩軸切削，球型加工，滾光製程 一機完成
- 改善表面粗糙度，圓度，減少加工時程

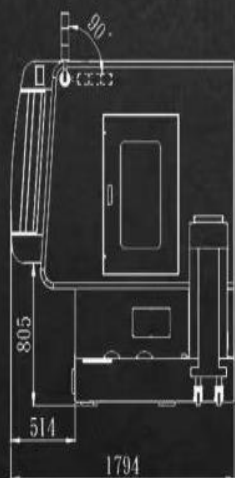
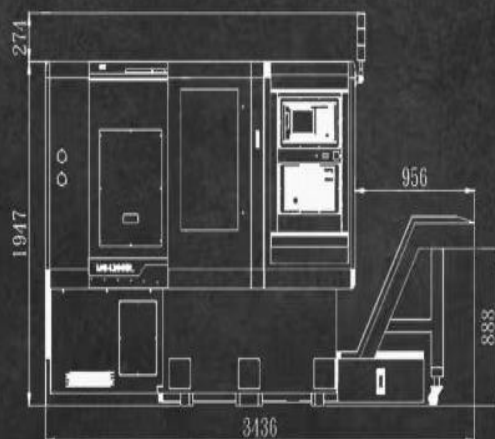




TECHNICAL SPECIFICATION



Unit: mm



Model 機型規格			MC 2200BL	MC 4200BL
Capacity 機承行程	Swing Over Bed Diameter 最大旋徑	mm	Ø300	Ø300
	Screw Size 螺桿大小	mm	Ø32	Ø32
	Screw (X/Z-axis) 導程 (X軸, Z軸)	pitch	5/10	5/10
	Max. Turning Diameter 最大加工直徑	mm	Ø135	Ø135
	Max. Turning Length 最大加工長度	mm	150	200
	Spindle Nose 主軸鼻端	ASA	A2-4	A2-4
Spindle 主軸	Chuck Size 夾頭尺寸	YB-32	Collet Chuck 筒型夾頭	Collet Chuck 筒型夾頭
	Spindle Bore 主軸通孔徑	mm	Ø42	Ø42
	Max. Spindle Speed 主軸轉速	RPM	6000	6000
	Spindle Motor Power 主軸馬力	KW	5.5	7.5
	Spindle Motor Max. Torsion 主軸馬達最大扭力	Nm	37	35
	Spindle Motor Max. Turning 主軸馬達最大扭力轉速	RPM	2000	2500
Axis Feeds X/Z/B 軸	Bar Capacity 最大棒材通孔徑	mm	Ø30	Ø30
	Feed Motor-X/Z/B-axis X軸/Z軸/B軸馬力	KW	1.5	1.2
	Z-axis Travel Z軸行程	mm	230	230
	X-axis Travel X軸行程	mm	80+20	80+20
	B-axis Travel B軸行程	degree	-60/+80	-60/+95
	Rapid Feed - Z/X-axis Z/X軸快速位移	m/min	15	15
Turret 刀塔	Rapid Feed - B-axis B軸快速位移	m/min	4	4
	No. of Tools 刀具數	T	6	8
	Tool Shank Size 車刀尺寸	mm	20x20	20x20
	Boring Tool Size 鏜刀尺寸	mm	Ø25	Ø25
Machine Weight 機器重量		kg	2200	3400
Coolant Tank Capacity 水箱容量		Liter	180	200
Dimensions (LxWxH, included Conveyor) 外觀尺寸 (長x寬x高, 含排屑機)		m	2.7x1.45x1.83	3.4x1.7x2.2





www.mike-cnc.com

MIKE MACHINE INDUSTRY CO., LTD

No. 3-5, Lane 1297, Zhongzheng Road
Wufeng District, Taichung City

麦克机器实业有限公司
台中市雾峰区中正路1297巷3-5号



+886-04-23355024



sales@mc-cnc.com.tw

Roundness Precision is our Passion