



**Customized CNC
Machine tool
Create Manufacturing
Higher Value**



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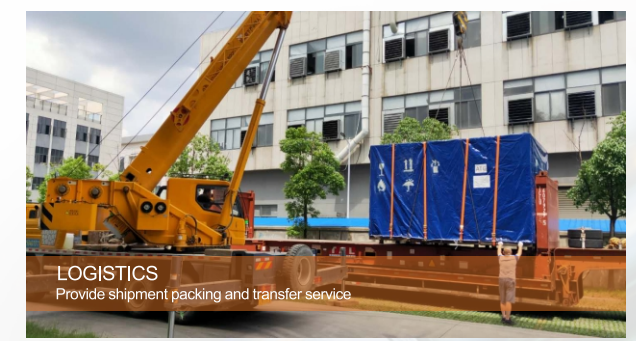
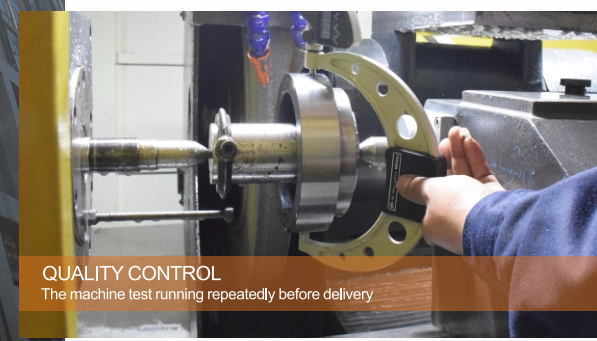
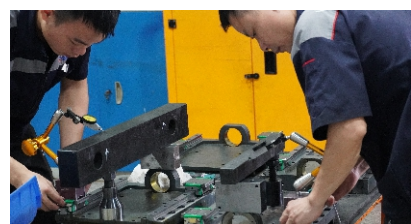
ABOUT US



JIANYE establish in 2002, it is professional to provide cnc machine tool and service for oversea customer, specializes in manufacturing and selling various types : CNC Lathe Machine, CNC Grinding Machine, CNC Special Machine, Multi-Spindle Vertical Machine Center, Swiss Type Automatic Lathe, Automatic Product Line Solution, Turn-Mill Center.

Our group share holding for 3 plants for exporting and oversea after service, follow drawing to support customized machining solution. We always exported machine to Germany, Italy, Lithuania, Turkey, Brazil, Russia, Vietnam and have one project-compressor spare part machining line in Bangladesh. Let us to cooperation and go to Industry 4.0 for customer.

PLANT ENVIRONMENT >>>

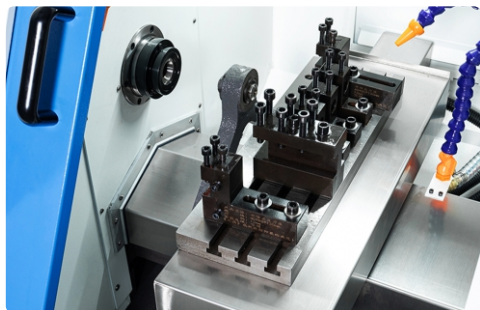


KM-25A

CNC Lathe

— mass production for small parts

- It can be Dia. 2-25mm part machining small parts, precision 0.01mm.
- Optional power head for milling and drilling on Y axis, bar feeder continuous process.
- Flat bed with gang type tool post, air pressure collet, servo spindle positioning process.



Technical Specification :

Modle	KM-20A	KM-25A
Machining diameter	1-20mm	2-25mm
Max. machining length	180mm(Add center stand)	120-150mm
Spindle speed	50-5000r/min	50-5000r/min
X/Z axis travel	500/240mm	600/180mm
X/Z axis feed rate	18/20 M/min	18/22 M/min
Tool post	8pcs	8pcs
Air pressure	0.4-0.6Mpa	0.4-0.6Mpa
Main motor	2.2kW	2.2-3.0kW
Machine size L×W×H	1200×900×1500mm	1300×1000×1500mm
Machine weight	800 kg	1200 kg

Standard configuration

- SYNTEC 7TA Control system
- Yaskawa X/Z axis servo motor
- Spindle servo motor
- Air pressure collet
- 8 pcs tool post
- Cooling pump
- Automatic lubrication
- Chip car

Optional configuration

- SYNTEC 22TB control system
- Fly cutter head
- Power head (30000rpm,800W)
- Bar feeder
- Hydraulic chuck

SAMPLE MACHINING



KM-T20

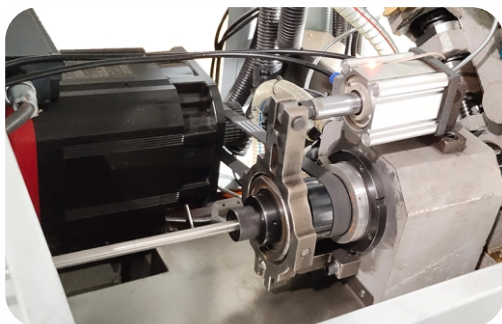
Cam Type Automatic Lathe

— Tool saddle move on z axis

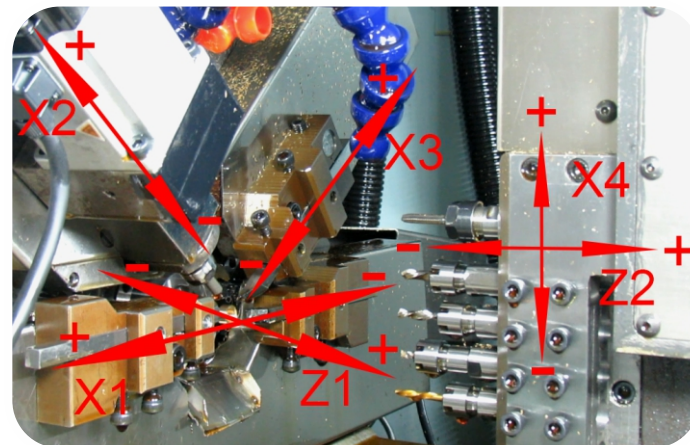
- Machining dia.1-20mm,length 120mm workpiece.
- The machine use two-channel system for controlling multi-spindle.
- The inner and outer diameters of workpiece can be processed simultaneously.



The inner and outer diameters of workpiece can be processed simultaneously.



The spindle box is fixed and tool saddle can move 120mm on Z axis



SYS1: 4pcs turning tool with milling
SYS2: 6pcs gang tool (one tapping)

Standard Configuration Optional Configuration

- LNC5850 control system(two-channel)
- Pneumatic unit
- Automatic centerized lubrication unit
- Spindle coolant
- Workpiece receiver
- 4-station turning tool (one choice milling head)
- 6-station cross drilling unit (including one power head tapping)
- chip car

Automatic bar feeder
SYNTEC 22TB control system



Technical Specification :

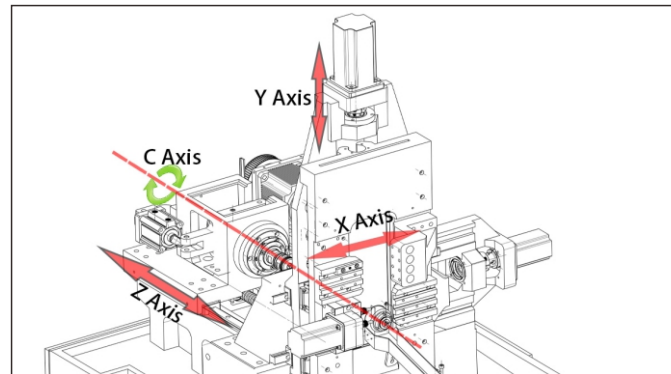
Modle	KM-T20	
Capacity	Control system	LNC5850(Two-channel)
	Max. machining dia.	20mm
	Max. machining length	70mm(Guide bush)
		120mm(Non-guide bush)
	Spindle power	2kW
Travel	Spindle speed	50-8000r/min
	System 1	X1 axis travel
		X2, X3 travel
		Z1 axis travel
		X1\X2\X3 axis feedrate
		Z1 axis feedrate
	System 2	X4 axis travel
		Z2 travel
		X4 axis feed rate
		Z2 axis feed rate
		Tapping speed
Tapping axis	Tapping motor	750W
	System 1 independent type	4 pcs
Tool	System 1 tool size	8×8mm
	System 2 gang tool	6 pcs
	System 2 gang tool	Φ16
	Tapping collet type	ER11
Power	Power voltage	380V/50Hz/3PH
Other	Machine size L×W×H	1500×900×1630mm
	Machine weight	1300 kg

KM-1107

Swiss Type Automatic Lathe

—sliding headstock –3 axis (X/Z/Y)

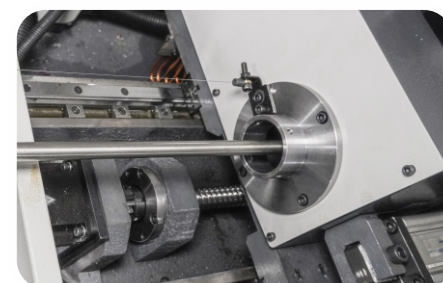
- ⚙ Machining dia.1-7mm,length 190mm small workpiece.
- ⚙ The machine can make small parts with guide bush.
- ⚙ 2pcs live tool on Y axis to drilling /tapping/milling.



Controllable linear axis X/Z/Y



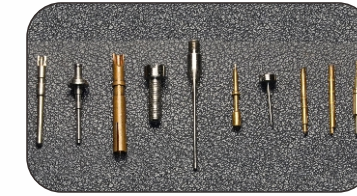
2pcs live tool on Y axis
6pcs turning tool
4pcs front drilling tool



Sliding headstock move on Z axis

Standard Configuration

1. LNC T5800 control system
2. Spindle servo motor
3. Air pressure collet
4. Cooling pump
5. Automatic lubrication
6. Chip car
7. Two live tool on Y axis
8. Workpiece receiver



Technical Specification :

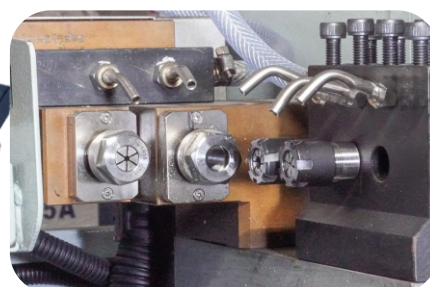
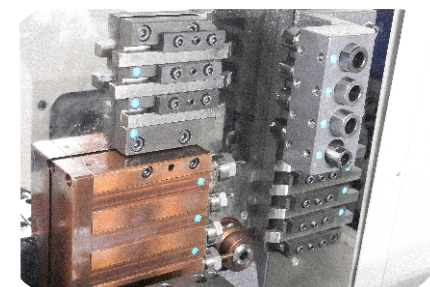
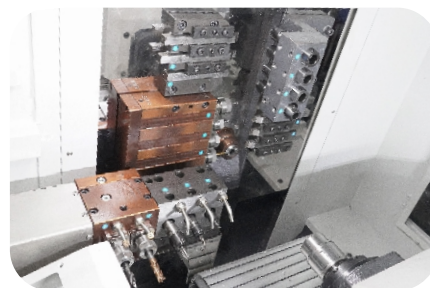
Modle		KM-1107	KM-163
Control system		LNC T5800	LNC T5800/ SYNTEC 22TA
Max. machining diameter		Φ7mm	Φ16mm
Spindle	Max. turning length(one process)	190mm	180mm
	Spindle speed	50-6000r/min	50-5000r/min
	Motor power	1.5kW	2kW
Feed	X axis travel	85mm	85mm
	Y axis travel	170mm	220mm
	Z axis travel	230mm	180mm
	X/Y/Z axis rapid feed speed	18000mm/min	18000mm/min
	Rows tool	12pcs	15pcs
	Turning tool	6pcs	7pcs
Tool	Tool size	8×8mm	12×12mm
	Front drilling tool	4pcs	4pcs
	Number of live tool	2pcs	4pcs
	Live tool motor	0.4kW	0.75kW
	Live tool speed	5000-8000r/min	1000-5000r/min
	Live tool chuck size	ER11	ER16
	Live tool drilling size	Φ6mm	Φ6mm
	Live tool tapping size	M6	M6
	Rated voltage	3 phase AC380V	3 phase AC380V
Power	Rated frequency	50Hz	50Hz
	Rated frequency	50Hz	50Hz
Machine dimension	L×W×H	1500×1100×1800mm	1500×1100×1800mm
	Weight	1000kg	1000kg

KM-116-5

Swiss Type CNC Lathe

— Main and sub-spindle with two-channel control 5-axis

- ⚙️ Machining dia.16mm, length 200mm small workpiece.
- ⚙️ Dual spindle realize one-pass processing,suitable for compleity precision parts processing.
- ⚙️ Flexible configured guide bush and non-guide bush to meet different processing request.



Standard configuration

LNC T5850 control system
Main spindle unit
Sub-spindle unit
Fixing tool 15pcs
Live tool 4+2pcs
Air pressure collet
Cooling pump
Automatic lubrication
Chip car
Workpiece receiver



Technical Specification :

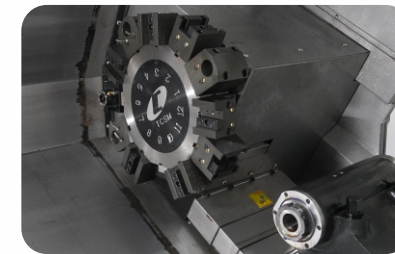
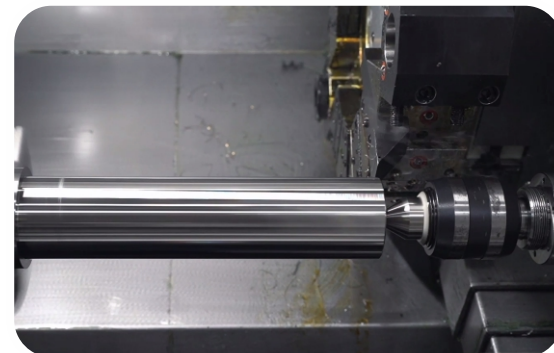
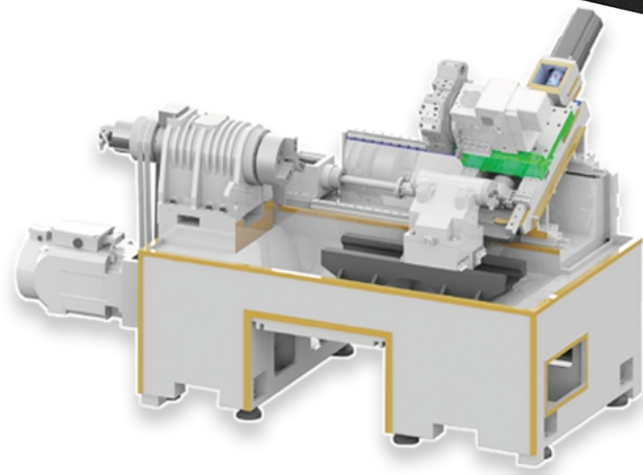
	KM-116-5	C2-axis
Control system	LNC T5850	
Max.machining diameter	Φ16mm	
Max.machining length(one process)	200mm	200mm
Spindle speed	50-6000r/min	
Motor power	3.3kW	3.3kW
X axis travel	80mm(X1)	500mm(X2)
Y axis travel	220mm	
Z axis travel	200mm(Z1)	240mm(Z2)
X/Y/Z axis rapid feed speed	18000mm/min	
Total tool post	15	5
Turning tool	7	3
Tool size	12×12mm	20mm Round shank
End face drilling tool	4	
Number of side hole live tool	4	2
Live tool motor	0.75kW	
Live tool speed	5000r/min	
Live tool chuck size	ER16	
Live tool drilling size	Φ10mm	
Live tool tapping size	M8	
Power supply	380V/50Hz/3PH	
Motor power for cutting oil	0.12kW	
Cooling tank Volume	120L	
Input compressed air pressure	0.4-0.6MPa	
Machine size L×W×H	2000×1250×1850	
Machine weight	1800kg	

L-35H

CNC Horizontal Lathe

— High precision spindle within runout 0.003mm

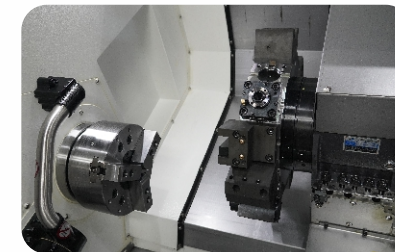
- 30°high rigidity slant bed, satisfy high-load work.
- Magnetic encoder improve speed and positioning deviation in spindle.
- Rapid feed (X/Z): 30/30 m/min.
- Live tool and Y axis turret as option.



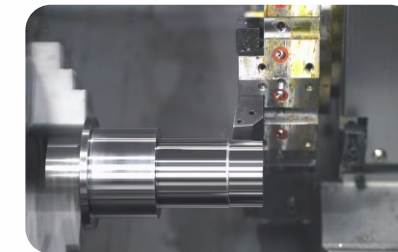
12-station servo turret



Large torque with belt type spindle



Power turret and tool setting gauge (Optional)



Heavy cutting feed 5mm

Standard Configuration

- FANUC 0I-TF control system
- FANUC spindle servo motor
- Hollow hydraulic 3-jaw chuck
- 12-station servo turret
- Cooling system
- Cabinet heat exchanger
- Automatic lubrication system
- Chip conveyor
- Hydraulic tailstock

Optional Configuration

- Motor spindle
- Automatic bar feeder
- Automatic tool setting gauge
- 12-station power turret

Technical Specification :

		L-25H	L-35H	L-35M	L-45H
Capacity	Max.diameter swing over bed(mm)	Φ500	Φ520	Φ520	Φ600
	Max.machining diameter(mm)	Φ200/Φ250	Φ300/Φ350	Φ300/Φ350	Φ380/Φ450
	Max.machining length(mm)	500	500	400	500
	Max.bar diameter (mm)	Φ45	Φ52	Φ52	Φ75
Travel	X/Z axis travel (mm)	140 / 530	190 / 530	190 / 430	240 / 530
	Output power (kW)	7.5/11	7.5/11	13.7 17.7(motor spindle)	11/15
Spindle	Spindle nose	A2-5	A2-6	A2-6	A2-8
	Max. spindle speed(rpm)	6000	4000	4500	2800
Turret	Turret type	Servo Turret	Servo Turret	Power Turret	Servo Turret
	Number of tools	12	12	12	12
Feed speed	Feed speed (mm/min)	1-8000	1-8000	1-8000	1-8000
Tailstock	Tailstock taper	MT 4#	MT 4#	MT 4#	MT 4#
	Tailstock sleeve travel(mm)	100	100	100	100
Positioning accuracy	X/Z axis(mm) (Total travel)	0.006 / 0.008	0.006 / 0.008	0.006 / 0.008	0.008/ 0.01
Repeatable positioning accuracy	X/Z axis(mm) (Total travel)	0.004	0.004	0.004	0.004
Other	Machine weight(kg)	3500kg	3600kg	3800kg	3800kg
	Floor space L×W×H(mm)	2498×2385×1675	2498×2385×1675	2598×2385×1750	2598×2385×1750

L-46SDY

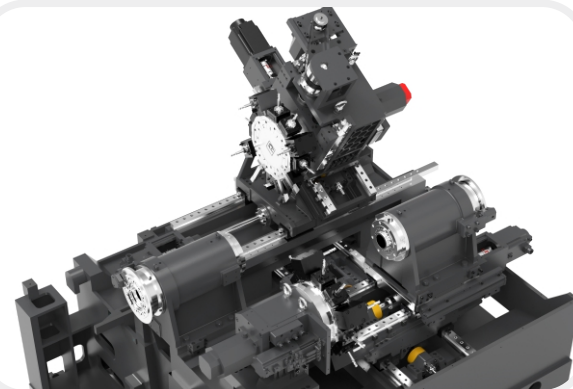
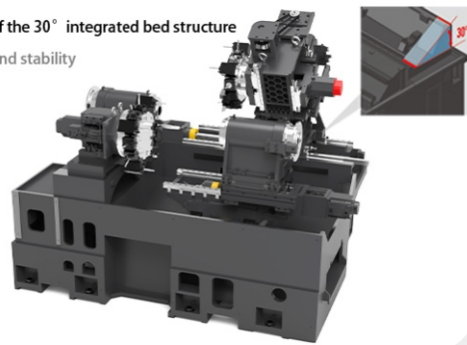
CNC Horizontal Turning & Milling Machine

—Dual spindle,Dual turret

- ⚙ Machining $\Phi 20$ - $\Phi 130$ mm,length 2.5-130mm workpiece.
- ⚙ The main machine adopts the whole one slant one flat bed structure,perfect rigidity and stability.
- ⚙ Complete various machining processes in single clamping.



Characteristics of the 30° integrated bed structure
Perfect rigidity and stability



Standard Configuration

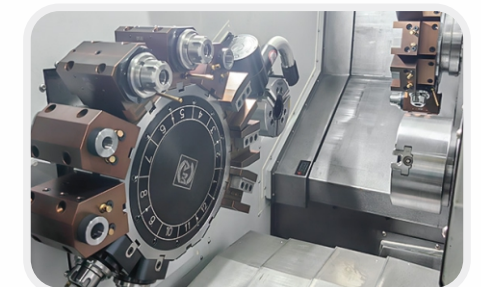
1. SYNTEC/FANUC control system
2. Motorized spindle
3. Hollow hydraulic 3-jaw chuck
4. 12-station power turret×2
5. Cooling system
6. Cabinet heat exchanger
7. Automatic lubrication system

Optional Configuration

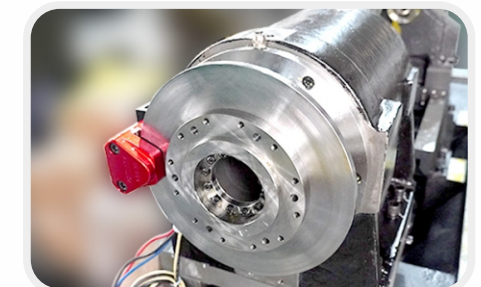
- Automatic bar feeder
- Automatic chip conveyor
- High pressure water pump
- Oil mist collector
- Oil-water separator
- Automatic tool setting gauge
- Parts receiver

Technical Specification :

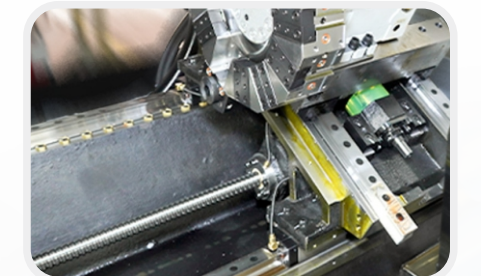
L-46SDY		
Capacity	Max.swing diameter over bed(mm)	$\Phi 570$
	Max.swing diameter on the saddle(mm)	$\Phi 320$
	Max.machining diameter(mm)	$\Phi 130$
	Max.machining length(mm)	130
Travel	X1/X2 axis travel(mm)	200/300
	Y1 axis travel(mm)	± 50
	Z1/Z2 axis travel(mm)	320/300
Main &Sub motor spindle	Chuck size(inch)	6"
	Max.speed(rpm)	6000
	Spindle nose	A2-5
	Motor spindle power(kW)	11.7/17.5
	Spindle through-hole size(mm)	$\Phi 57$
Milling spindle	Max.bar diameter(mm)	$\Phi 45$
	Max.speed(rpm)	4000
	Drill capacity(mm)	$\Phi 16 \times 1.5$
	Tapping capacity(mm)	M12x1.75
	Milling spindle motor(kW)	2.3 (SYNTEC)
Feed speed	Tool turret	BMT45Y + BMT45
	X/Z axis rapid speed(mm/min)	18000
	Y axis rapid speed(mm/min)	10000
Motor	Spindle motor(kW)	>11
	Cooling pump motor(kW)	0.75
Cooling	Water tank capacity(L)	130
	Power capacity(kVA/kW)	64kVA/44.75kW
	Air source(L/min)	0.5Mpa/100
Electricity/Gas	Distance from spindle center to ground(mm)	1070
	Machine dimension (LxWxH)(mm)	2410x2210x2060
	Weight(kg)	5000



Dual spindle, dual turret,high efficiency.



Motorized spindle,
high precision and strong rigidity.



Large diameter high-speed silent
ball screw,and roller guide way.

Mechanical structure

L-46SDY adopts full closed-loop control, with dual spindle, dual tool holder, grating ruler, and dual channel design, which can easily carry various power heads and turning tools

L-46SDY CNC TURNING AND MILLING (DUAL SPINDLE, DUAL TURRET)

Synchronous servo motorized spindle

The joint surface between the spindle and the bed adopts, a paired scraping process to ensure stronger contact stiffness. It adopts a large span symmetrical structure, with small thermal drift and stable accuracy.

Direct connected orthogonal tool holder

12 station BMT45 servo tool holder.
Y2 axis stroke 100mm.
Repetitive positioning accuracy within 0.002.
Adopting a unique honeycomb reinforcement structure.
With super strong load-bearing capacity.

Turret

The turret adopts hydraulic locking, arc tooth positioning, and servo tool changing design principles. The turret adopts oil and gas lubrication for the milling shaft, eliminating the long warm-up caused by prolonged operation of the turret milling shaft.

Chuck

The chuck is selected as a 6-inch hydraulic three jaw hollow chuck, which has the function of discharging water from the center of the chuck, improving the convenience of operation.

Synchronous belt orthogonal Y-tool holder

Adopting a box in box four guide rail support structure, with stronger rigidity 12 station BMT45 servo tool holder.

XYZ screw guide rail

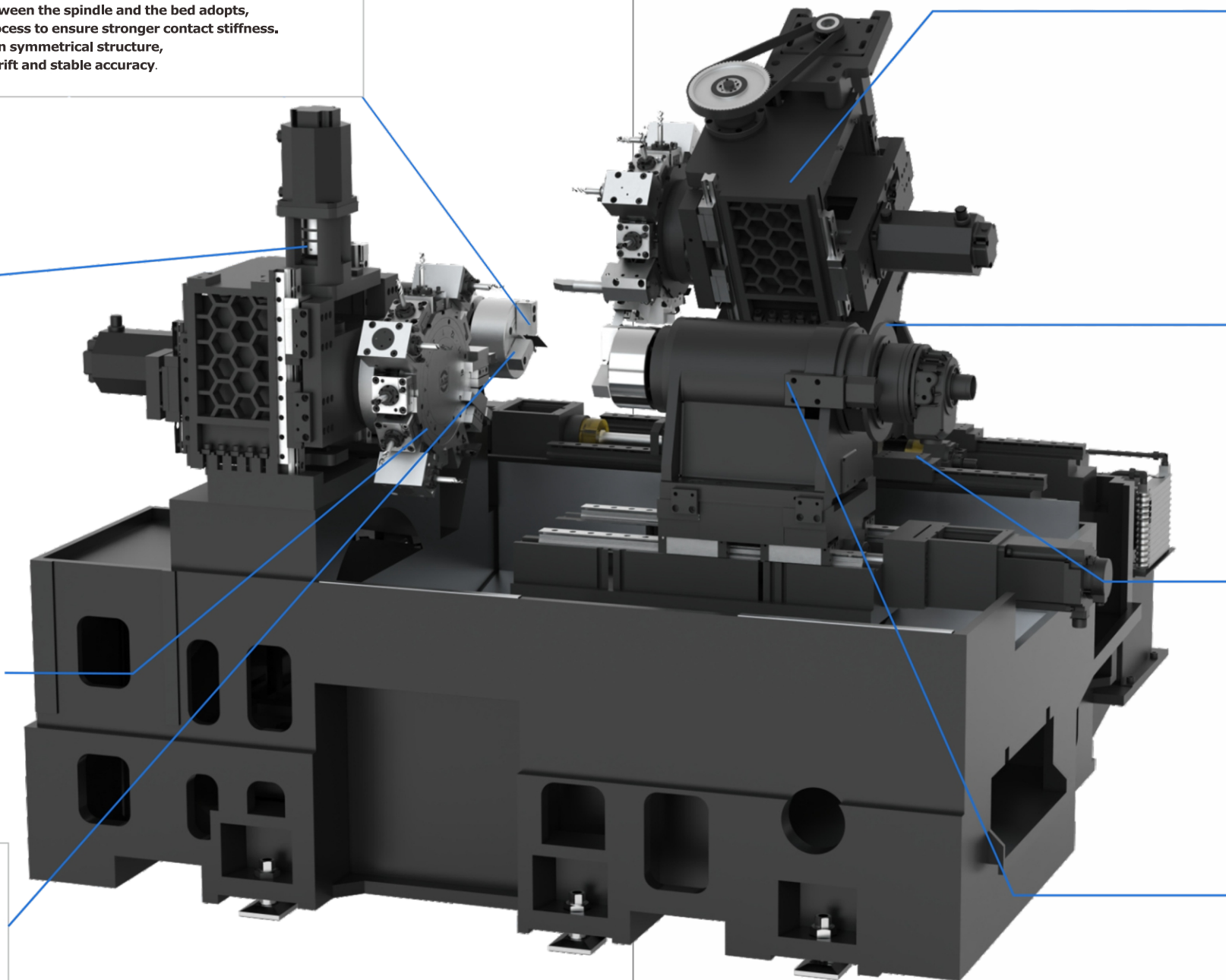
Adopting imported and stretched screw rods from abroad to eliminate reverse clearance, resulting in more stable accuracy. The guide rail adopts roller guide way, which has stronger rigidity.

Bed/Saddle

All are made of high-density cast iron material, which is poured and formed in one-pass. The sliding saddle is a triangular structure, making the entire structure more rigid and dynamic performance more stable.

Spindle component II

Adopting an electric spindle, the structure is more compact, with the box body being an integrated assembly structure to ensure stronger rigidity.



ST-205

Swiss Type Automatic Lathe

— Sliding Headstock — counter(sub) spindle

- ⚙️ Machining max. Dia.20/26/32mm,length 240mm workpiece.
- ⚙️ Main and sub- spindle with two-channel control 5-axis.
- ⚙️ Temperature compensation program improve workpiece precision when cold start.
- ⚙️ Moter built in main spindle, Carrier type rotary guide bushing.
- ⚙️ Cut-off tool breakage detector.



ST-265 Standard tool holder with 20 pcs
Main and sub-spindle with two-channel control.

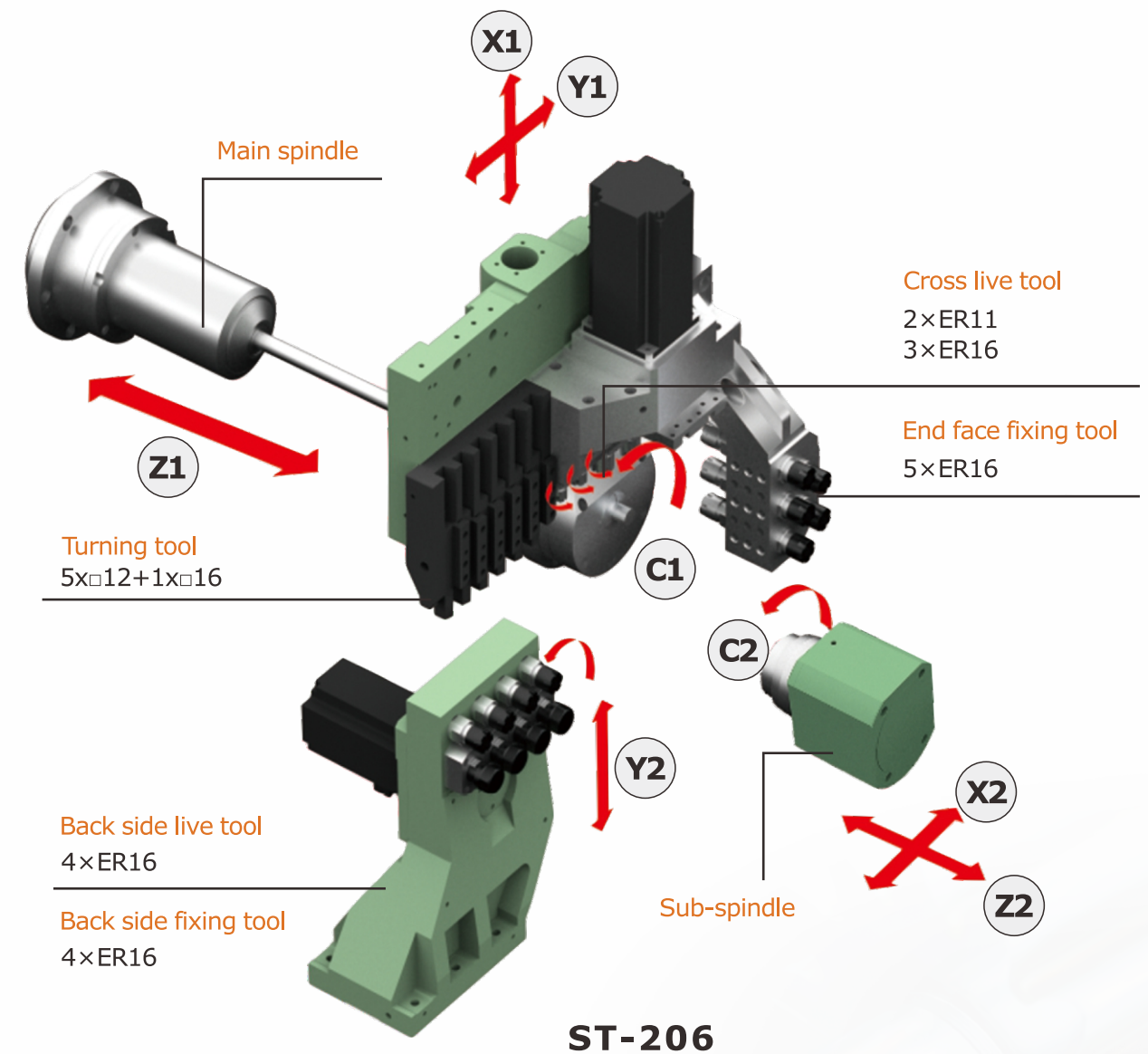


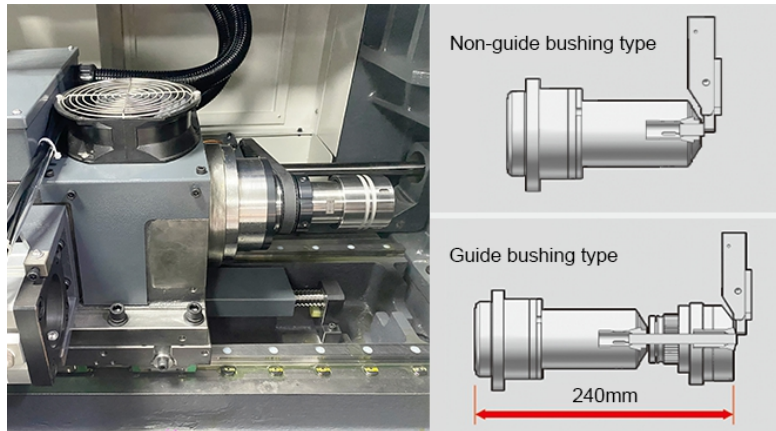
Sub-spindle butt joint workpiece with main spindle.



Modular tooling :

Model	I	II	ST-206
Model different tool post	I	II	ST-206
Back side fixing tool	4	2	4(Y2)
Back side live tool	/	2	4(Y2)





Non-guide bushing type is for short workpiece (Max 45mm length)

Carrier type rotary, Guide bushing can be more accurate when processing long-size workpieces;

SAMPLE MACHINING



Standard configuration:

1. Mitsubishi M80 control system
2. Main spindle chucking unit
3. Sub-spindle chucking unit
4. Rotary guide bushing unit
5. Gang live tool driving unit
6. Coolant unit
7. Lubricating oil supply unit
8. Cut-off tool breakage detector
9. Workpiece receiver
10. Electrical cabinet heat exchange
11. Work lamp
12. Chip box

Optional configuration

1. Bar feeder
2. Mist collector
3. Chip conveyor
4. High pressure oil pump
5. Syntec 220TB control system



Technical Specification :

		ST-205	ST-265	ST-325	ST-206
Capacity	Max. machining dia.	Φ20mm	Φ26mm	Φ32mm	Φ20mm
	Max. machining length	240mm			
	Max. drilling dia.of front side	Φ10mm		Φ13mm	Φ10mm
	Max. tapping of front side	M8			
	Spindle through-hole dia.	Φ23mm	Φ28mm	Φ38mm	Φ23mm
	Control system	Mitsubishi M80			
Power	Machine power	11kW		15kW	12kW
	Main spindle power	3.7/5.5kW			
	Sub-spindle power	3.7/5.5kW			
	C axis indexing	0.001°			
	Main/sub-spindle speed	8000rpm			
	Feedrate	32(Y1/Z1/×2);24(Z2);20(×1)m/min			32(Y1/X2) 20(X1/Y2) 24(Z1/Z2)m/min
Tool post	Feed motor power	1kW			1 kW(X1/Y1/Z1/X2/Y2/Z2) 0.75kW (Y2)
	Total number of tool	20pcs		19pcs	24pcs
	Gang turning tool	5×□12+1×□16		6×□16	5×□12+1×□16
	Cross live tool	2×ER11+3×ER16		3×ER16+1×ER20	2×ER11+3×ER16
	Max. drilling dia.	Φ10		Φ13	Φ10
	Max. tapping	M8			
Front side tool post	Cross live tool speed	5000rpm			
	Cross live tool power	1kW			
	End face fixing tool qty.	5×ER16		4×ER16	5×ER16
	End face fixing tool dia.	Φ10mm		Φ13mm	Φ10mm
	End face fixing tool tapping	M8			
	Back fixing tool qty.	4×ER16(I) 2×ER16(II)		4×ER16	
Back side tool post	Back fixing tool drilling dia.(I model)	Φ10mm		Φ13mm	Φ10mm
	Back fixing tool tapping (I model)	M8			
	Back live tool qty. (II model)	2×ER16			4×ER16
	Back live tool drilling dia. (II model)	Φ10mm		Φ13mm	Φ10mm
	Back live tool tapping (II model)	M8			
	Back live tool speed (II model)	5000rpm			
	Back live tool power (II model)	1kW			0.75kW
	Back live tool tapping (II model)	M8			
Other	Machine size L×W×H	2760×1480×1780mm		2890×1500×1780mm	2760×1480×1780mm
	Machine net weight	2600kg		3000kg	2800kg

L-P30G

High precision CNC Horizontal Lathe

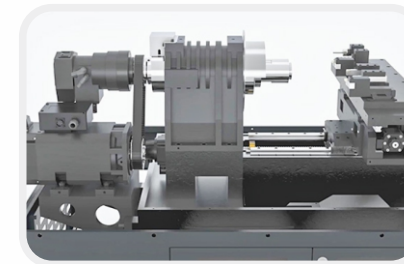
—Repeat positioning accuracy: 0.002mm.

- ☀ Suitable for $\Phi 20 \sim \Phi 45$ mm workpiece.
- ☀ Main spindle with high-precision, spindle runout is within 0.002mm.
- ☀ Adopt high-precision linear guide rail, with a repeat positioning accuracy of up to 0.002mm.

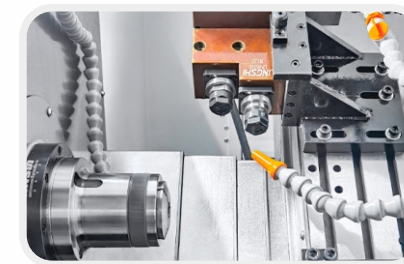


Standard Configuration

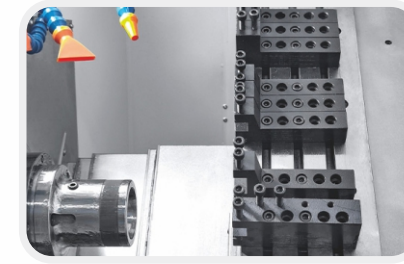
1. Fanuc/Syntec control system
2. Mechanical spindle
3. Collet cylinder
4. 6 tool post
5. Automatic lubrication
6. Coolant tank



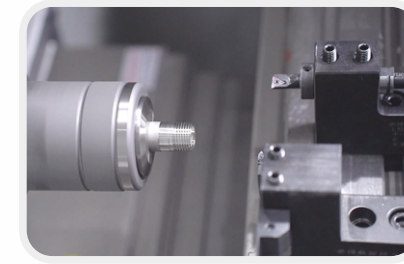
High performance servo motor drive



Extended the live tools



Tool capacity: 6T



High-precision spindle

Optional Configuration

- High pressure water pump
- Oil mist collector
- Oil-water separator
- Auto chip conveyor
- Bar feeder
- Motorized spindle
- Extended the live tools

Technical Specification :

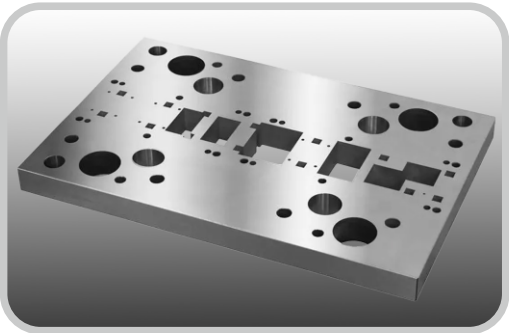
		L-P20G	L-P30G	L-P36G	L-P46G
Machining range	Maximum swing diameter on the bed(mm)	Φ200		480	
	Maximum machining diameter (shaft/disc)(mm)	Φ70/Φ100		Φ100/Φ450	
	Maximum machining length(mm)	250		400	
	Maximum bar diameter(mm)	Φ20	Φ30	Φ35	Φ45
Travel	X-axis travel(mm)	300		450	
	Y-axis travel(mm)	/		/	
	Z-axis travel(mm)	300		400	
Spindle	Output power(kw)	5.5		5.5/7.5	
	Spindle head type	A2-4		A2-5	
	Spindle through-hole diameter(mm)	Φ46		Φ57	
	Maximum spindle speed(rpm)	6000		6000	
Tool turret	Turret type	Dovetail slot cutter		T-shaped cutter arrangement	
	Tool capacity	6		6	
	Turning tool body size(mm)	Φ16		Φ20	
	Maximum boring tool diameter	Φ20		Φ25	
Rapid traverse speed	X/Z axis(mm/min)	20/20		30/30	
Feed rate	Feed speed(mm/min)	1-8000		1-8000	
Control system	NC Type	FANUC 0I TF(5) SYNTEC 22TA			
Chip removal type		Manual chip removal			

M7163

Surface Grinding Machine

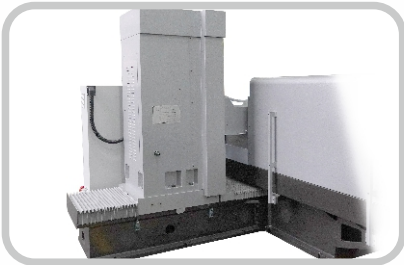
— PLC control

- For steel, castings, and non-ferrous metals such as injection molds, cutter dies, and hydraulic parts.
- X-axis with V and flat guideways, hardened rails for enhanced rigidity and accuracy.
- Omron PLC for automatic grinding and dressing with high precision.

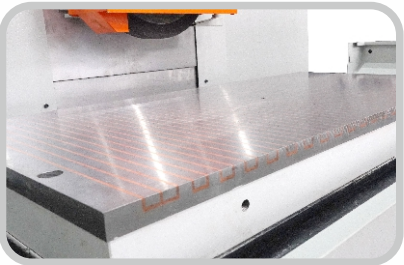


Standard Configuration

1. Omron PLC system
2. Electromagnetic chuck
3. Grinding wheel: $\Phi 450 \times \Phi 203 \times 50$ mm
4. Magnetic dresser
5. Grinding wheel flange
6. Grinding wheel balancing arbor
7. Grinding wheel balance frame
8. Coolant system



Grinding spindle with column moving together



Powerful electromagnetic chuck



Omron PLC system with easy setting



Automatic loading-unloading for workpiece (optional)

Optional Configuration

- Online inspection devices
- Forming Wheel Dresser
- Automatic dressing device (simple version)
- Dynamic and static wheelhead spindle
- High precision rolling bearing spindles

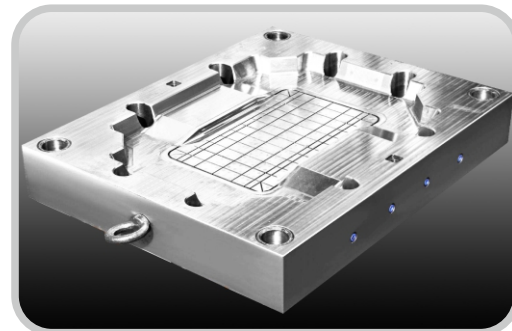
Technical Specification :

M7163×12/LCK M7163×16/LCK M7163×20/LCK M7163×30/LCK M7163×40/LCK M7163×50/LCK						
Working table size (W×L)	630×1250mm	630×1600mm	630×2000mm	630×3000mm	630×4000mm	630×5000mm
Max. workpiece size(W×L×H)	630×1250×400mm	630×1600×400mm	630×2000×400mm	630×3000×400mm	630×4000×400mm	630×5000×400mm
Max.table load capacity	1015mm	1500mm	1850mm	2448mm	3264mm	4080mm
Longitudinal travel	300~1350mm	300~1700mm	300~2100mm	300~3100mm	300~4100mm	300~5100mm
Transverse travel	650mm					
Distance spindle centre to table	200~625mm					
Wheel size (O.D×W×I.D)	Φ450×50×Φ203mm					
Wheel speed	1460r/min					
Grinding motor power	11kW					
Total motor power	25kW			30kW		
Constant thickness of the workpiece	300:0.005mm					
Surface roughness of the workpiece	Ra0.63μm					
Overall dimensions (L×W×H)	3600×3200×2200mm	4900×3200×2200mm	5900×3200×2200mm	8900×3200×2200mm	11000×3200×2200mm	13100×3200×2200mm
Machine N.W	5100kg	6000kg	7000kg	11500kg	13500kg	16500kg

GM-C2212C

Gantry Type Surface Grinder — PLC surface grinding machine

- ⚙ Ideal for large flat surfaces in manufacturing, automotive, mold, die, and high-precision aerospace parts.
- ⚙ Gantry fixed-beam with moving table for superior stability and rigidity.
- ⚙ Flatness 0.01 mm/1000 mm · Parallelism 0.01 mm/1000 mm · Ra 0.63 μ m.
- ⚙ Omron PLC with touch screen for easy, precise parameter control.



Standard Configuration

1. Omron PLC system
2. Wheel dressing device
3. Guide way cooling system
4. Electric cabinet air conditioner
5. Hydraulic station
6. Automatic lubrication
7. Magnetic filtration system

Optional Configuration

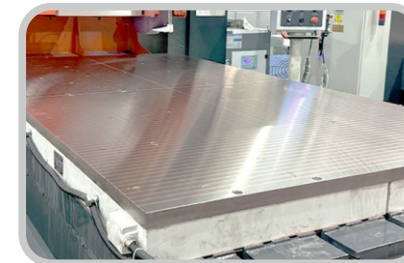
- Syntec control system
- Siemens 828D control system
- Inspection probe for thickness
- Magnetic and paper filtration system
- Magnetic chuck / Vacuum chuck
- Main oil station oil cooler



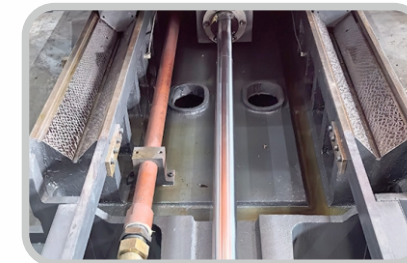
Omron PLC with touch screen



Gantry fixed beam structure



Magnetic chuck as customized



High precision double V type structure

Technical Specification :

		GM-C2212C	GM-C2512C	GM-C3012C
Size of working table(W×L)	mm	2200×1200	2500×1200	3000×1200
Max grinding workpiece (L×W×H)	mm	2200×1200×630	2500×1200×630	3000×1200×630
Longitudinal travel of table	mm	2300	2600	3100
Distance between gantry columns	mm	1560		
Distance from grinding spindle center to table	mm	200~800		
Longitudinal movement speed (Hydraulic stepless)	m/mm	5~25		
Max.table load capacity(Including electromagnetic chuck)	kg	4300	4900	5800
Motor power of grinding head	kW	15		
Grinding Wheel size (OD×W×ID)	mm	Φ500×75×Φ203		
Vertical movement distance	mm	680		
Vertical rapid movement speed	mm/min	400		
Min.vertical feed	mm	0.005		
Horizontal movement distance	mm	1300		
Horizontal movement speed	mm/min	250~2400		
Intermittent speed	mm/time	1~35		
Working surface to base level parallelism	mm	0.01/1000		
Surface roughness	μ m	Ra 0.63		
Machine total capacity	kVA	39	39	44
Overall dimension(L×W×H)	mm	7500×3500×4000	9000×3500×4000	9000×3500×4000
N.W	T	19	24	25

JYS500

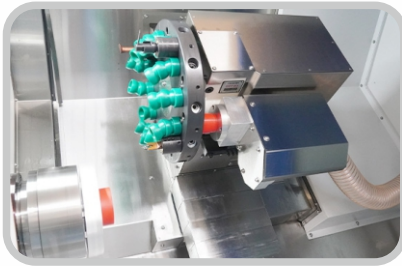
Making Seal CNC Lathe Machine

—CNC turning of rubber sealing rings

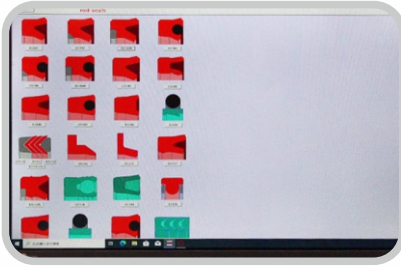
- Designed for turning various rubber seal profiles.
- Ideal for seal shops & hydraulic repair centers.
- Custom software auto-generates toolkits by size/profile.
- Powerful suction removes rubber chips & static dust.



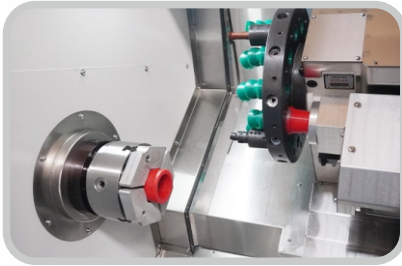
Turning sealing profiles with professional cutting edge



Rubber chip collect by strong suction in turret



Customized software to create tool kit solution



Special fixture for plastics pipe

Standard Configuration

- Siemens 828D control system
- Specical manual chuck
- 8-station VDI servo turret
- Cooling system
- Cabinet heat exchanger
- Automatic lubrication system
- Air condition electrical cabinet
- 20VDI tool holder with blade
- Suction basket with chip
- Tool software with PC

Optional Configuration

- Fanuc 0i TF
- Bar feeder
- Part catcher
- Tool kit as customized

Technical Specification :

			JYS500	JYS600	JYS750
Capacity	Swing over bed	mm	520	650	830
	Max. turning diameter	mm	500	600	750
Spindle	Spindle power	kW	7	7	9
	Spindle type		A2-5	A2-5	A2-6
	Spindle bore	mm	46	52	52
	Max.spindle speed	rpm	5000	4200	4200
	Manual chuck	inch	8	8	8
Axis	X/Z axis travel	mm	260/450	310/450	400/450
	X/Z axis feedrate	m/min	24	24	24
	Servo motor	N.W	11	11	11
Turret	Number of tool station	pcs	8	8	8
	Tool size		VDI 20	VDI 20	VDI 20
Accuracy	X/Z-axis Repeated positioning accuracy	mm	0.004	0.004	0.004
	Coolant tank	L	120	120	120
Other	Suction device size	mm	900×830×1980	900×830×1980	900×830×1980
	Machine size	mm	2750×2020×2020	2750×2020×2020	2750×2020×2020
	Machine weight	kg	2800	2800	2800