

新发自动机床
GENERAL CATALOG
AUTOMATION



FOCUS ON HIGH-QUALITY
CNC TURN-MILLING COMPOSITE
AUTOMATIC CNC LATHE

XINFA CNC LATHE
Service hotline:400-6666-500

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COMPANY PROFILES



20 years' accumulated expertise
Japan's machine structure
Reasonable configuration and accuracy
Good production equipments
Good testing equipments
Good production environment

To ensure that the provision of competitive lathe,
to meet the customer's maximum demand for
metal turning. Help customers to create greater value.

20+ Expertise



Land Area

30,000+



**DELIVERING PREMIUM CNC LATHES TO
DRIVE SUPERIOR VALUE FOR CUSTOMERS**

ADVANCED MACHINING AND TESTING EQUIPMENTS



Horizontal Machining Center



Five-axis Gantry Machining Center



Spindle Dynamic Balance instrument



UK Renishaw Laser Interferometer

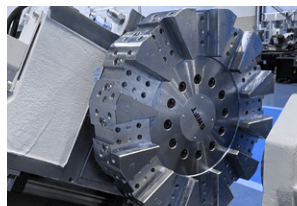
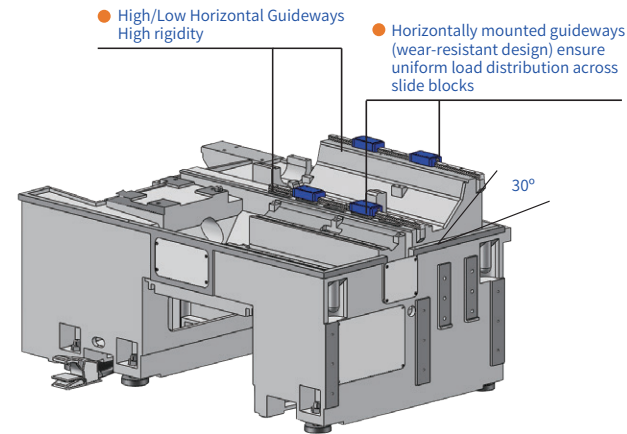
PROCESSING PART



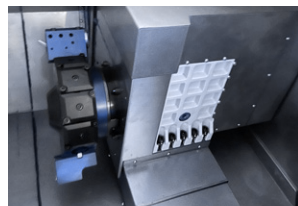
ADVANCED TURRET MACHINE TOOL STRUCTURE

STRUCTURAL FEATURES OF HIGH/ LOW HORIZONTAL GUIDEWAYS

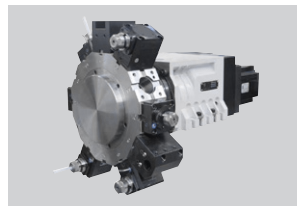
- ① Z-axis guideways are horizontally mounted, with four slide blocks evenly distributing the saddle weight and cutting forces. This design minimizes ball wear in the slide blocks and extends guideway service life.
- ② The slant bed with high/low horizontal guideways maintains consistent structural stability throughout machining, assembly, and operation, ensuring long-term machine accuracy.
- ③ Integrated truss automation interfaces are pre-installed on every machine, streamlining future automation retrofitting for enhanced production flexibility.



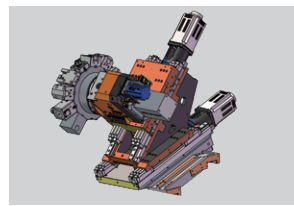
SERVO TURRET
63H/80H/100H
(8/12T)



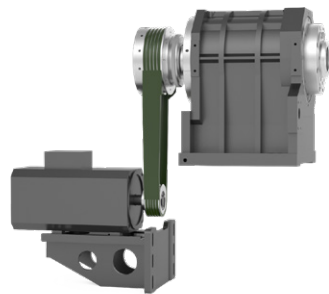
LIVE TURRET + VERTICAL Y AXIS
BMT40 12T ±35mm
BMT45 12T ±40mm
BMT55 12T ±50mm



LIVE TURRET
BMT45 12T
BMT55 12T



**LIVE TURRET +
INTERPOLATION Y AXIS**
BMT45 12T ±40mm
BMT55 12T ±50mm



MECHANICAL SPINDLE

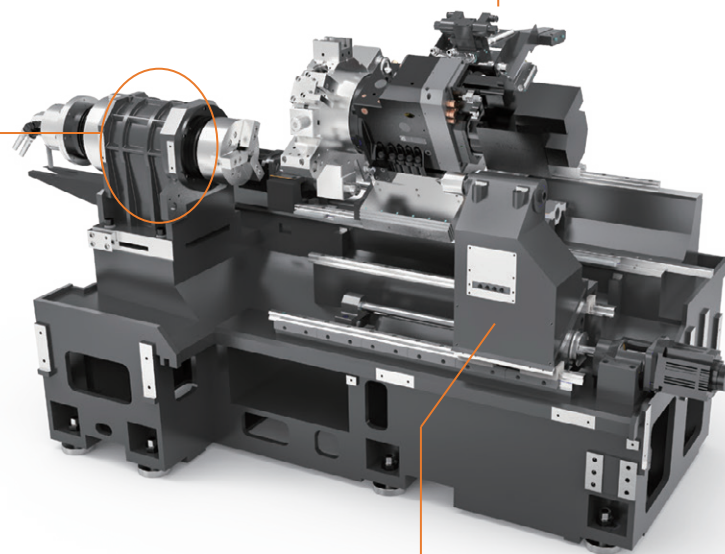
Radial runout <0.003mm Face runout <0.003mm

V-belt driven power transmission combined with a high-rigidity spindle structure, engineered to withstand axial and radial cutting loads.

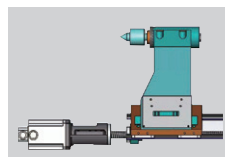


ELECTRICAL SPINDLE **Option**

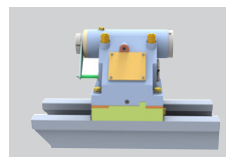
Beltless drive with integrated motor design achieves compact structure, minimized vibration, high precision, and superior operational stability.



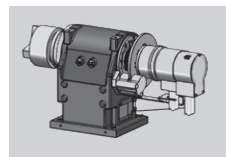
Option



**PROGRAMMABLE SERVO
TAILSTOCK**

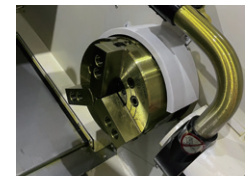


**MANUAL HYDRAULIC
TAILSTOCK**



SUB-SPINDLE

ABUNDANT OPTIONS



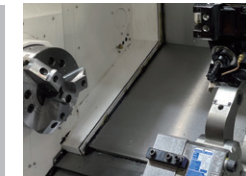
Auto tool setter



Built-in measuring unit



**Conditioner for
electrical cabinet**



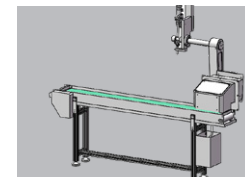
Steady rest



Oil skimmer



Chuck air blow



Part catcher



Oil mist extractor

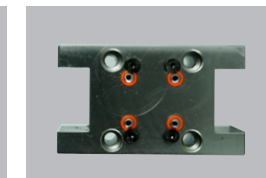
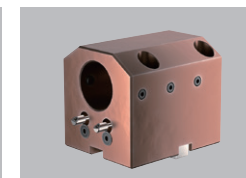
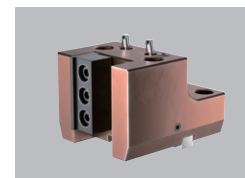


Chip conveyor

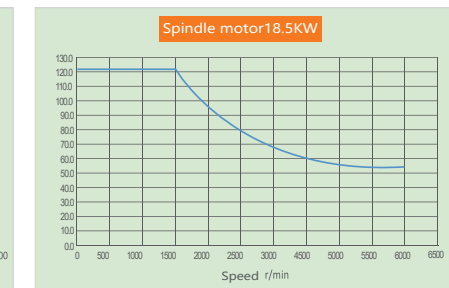
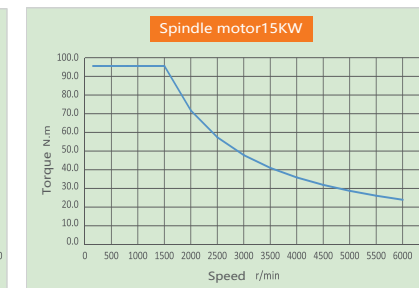
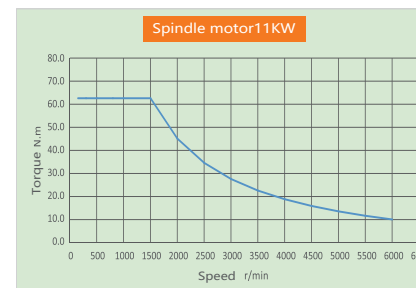
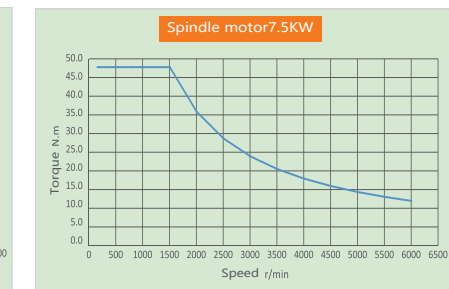
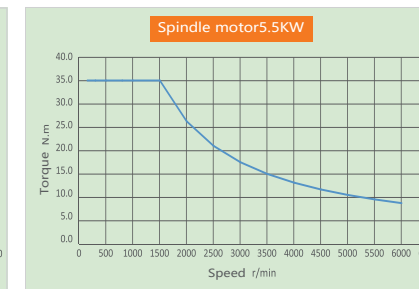
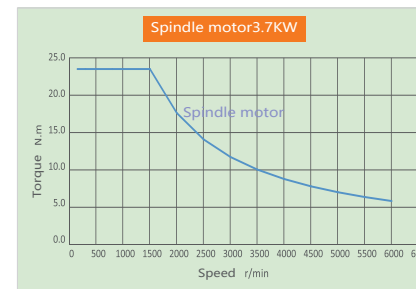


Bar feeder

MULTIPLE TOOL HOLDER CONFIGURATION



MECHANICAL SPINDLE TORQUE DIAGRAM



CNC TURN-MILLING COMPOSITE SERIES (LIVE TURRET)

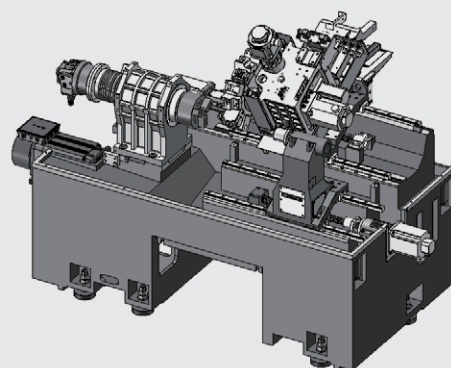
GT100M/GT150M
GT100LMY/GT150LMY

- High cost performance
- High rigidity
- High efficiency
- High stability



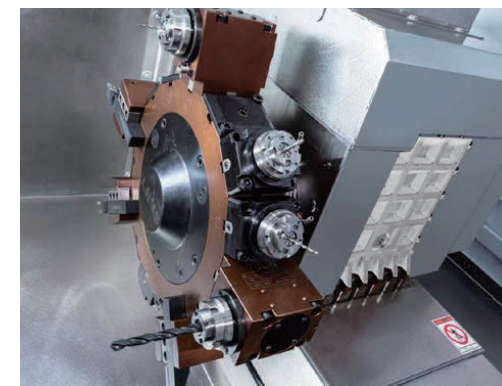
FEATURES

- Designed for direct integration with bar feeders and truss manipulators to enable automated production lines.

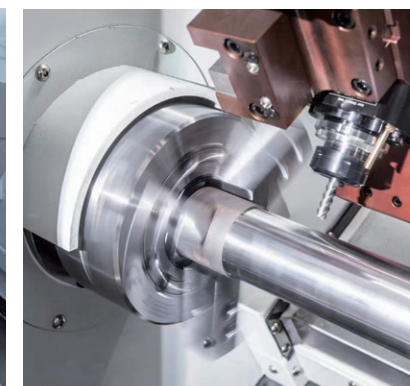


Typical machining parts

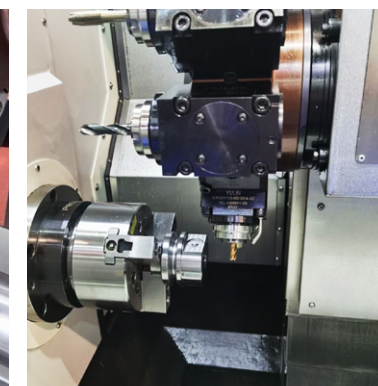
GT100M GT100LMY	Spindle	A2-5	Max bar: $\phi 45$ mm	4000rpm	7.5kw
	Option	A2-6	Max bar: $\phi 51$ mm	3500rpm	11kw
GT150M GT150LMY	Spindle	A2-6	Max bar: $\phi 51$ mm	3500rpm	11 kw
	Option	A2-8	Max bar: $\phi 75$ mm	2500rpm	15kW



• Live turret + Vertical Y axis



• Live turret (Shaft processing)



• Live turret (Disk processing)

TECHNICAL PARAMETERS

		GT100M Live turret	GT150M Live turret	GT100LMY Live turret + Y axis	GT150LMY Live turret + Y axis
MACHINING RANGE	Maximum Swing Diameter (mm)	$\phi 400$	$\phi 550$	$\phi 450$	$\phi 550$
	Maximum Machining Diameter (mm)	$\phi 300$	$\phi 350$	$\phi 300$	$\phi 350$
	Maximum Machining Length (mm)	265	365	355	630
STROKE	X-axis Stroke (mm)	160	200	175	200
	Z-axis Stroke (mm)	330	450	425	420
	Y-axis Stroke (mm)	/	/	± 45	± 50
PRECISION	Positioning Accuracy (mm)	± 0.005	± 0.005	± 0.005	± 0.005
	Repeated Positioning Accuracy(mm)	± 0.003	± 0.003	± 0.003	± 0.003
FEED	X-axis Rapid Feed Rate (m/min)	20	30	20	30
	Z-axis Rapid Feed Rate (m/min)	24	30	24	30
	Y-axis Rapid Feed Rate (m/min)	/	/	20	30
SPINDLE	Spindle Bore (mm)	$\phi 56$	$\phi 66$	$\phi 56$	$\phi 66$
	Maximum Bar Diameter(mm)	$\phi 45$	$\phi 51$	$\phi 45$	$\phi 51$
	Spindle Nose Type	A2-5	A2-6	A2-5	A2-6
	Maximum Spindle Revolving Speed(rpm)	4000	3500	4000	3500
	Chuck Specification	6"	8"	6"	8"
MOTOR POWER	Spindle Motor (kW, Continuous/30min)	7.5/11	11/15	7.5/11	11/15
	X-axis (N.m)	8.34	11	8.34	11
	Z-axis (N.m)	8.34	11	8.34	11
	Y-axis (N.m)	/	/	8.34	11
TURRET	Turret Type	30°Live turret	30°Live turret	Y axis Live turret	Y axis Live turret
	Boring Tool Diameter (mm)	$\phi 25$	$\phi 40$	$\phi 25$	$\phi 40$
	Square Tool Diameter (mm)	$\square 20$	$\square 25$	$\square 20$	$\square 25$
	Live Tool Maximum Speed (rpm)	4000	4000	4000	4000
	Live Tool Motor	2.3	3.1	2.3	3.1
TAILSTOCK	Tailstock Type (Option)	Hydraulic	Hydraulic	Servo	Servo
	Tapered hole type	MT-4	MT-4	MT-4	MT-4
COMPLETE MACHINE	Overall Weight (kg)	3400	3900	3800	4200
	Length (mm)	2385	2620	2400	2620
	Width(mm), (with Water Tank)	1645	1800	1650	1760
	Height (mm)	1720	1755	1960	2020

CNC DOUBLE SPINDLES SERIES (LIVE TURRET + SUB-SPINDLE) (SERVO TURRET + SUB-SPINDLE)

GT100LMS/GT150LMS
GT100LS/GT150LS



- High cost performance
- High rigidity
- High efficiency
- High stability

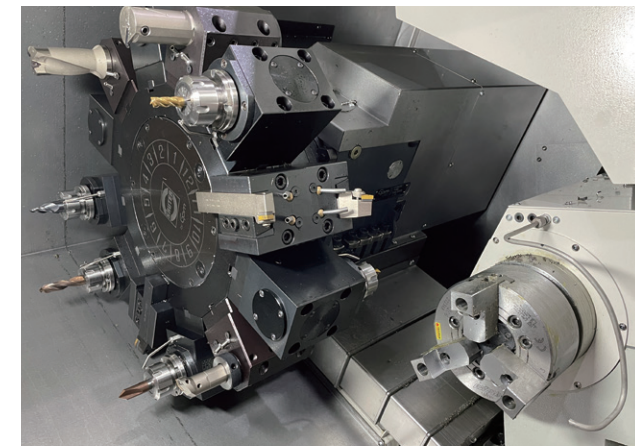


FEATURES

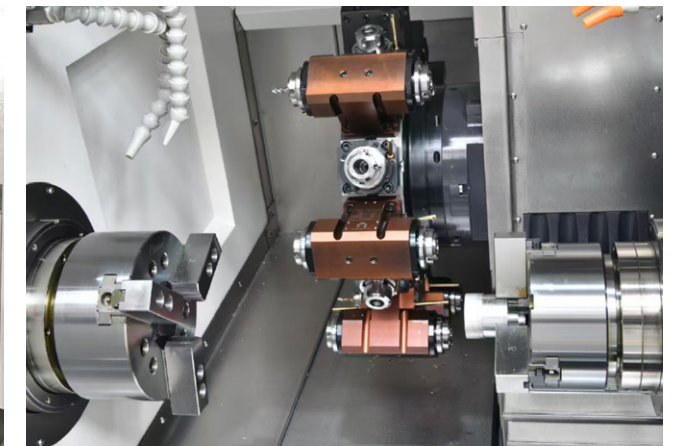
- Complete front/back machining in a single setup, ensuring coaxiality and parallelism of workpieces.
- Minimizes manual clamping errors and surface scratches from handling, reducing labor input while boosting yield and productivity.
- Ready for automation with bar feeders and truss manipulators, enabling automated production.

SPINDLE PARAMETERS

GT100LMS	Spindle	A2-5	Max bar: $\phi 45$ mm	4000rpm	7.5kw
GT100LS	Option	A2-6	Max bar: $\phi 51$ mm	3500rpm	11kw
GT150LMS	Spindle	A2-6	Max bar: $\phi 51$ mm	3500rpm	11 kw
GT150LS	Option	A2-8	Max bar: $\phi 75$ mm	2500rpm	15kW



• Sub-spindle + Live turret



• Double spindles coupling

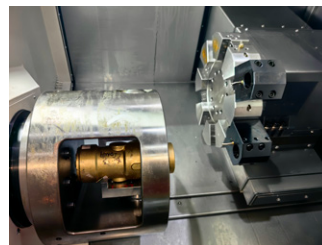
TECHNICAL PARAMETERS

		GT100LMS Live turret + Sub-spindle	GT150LMS Live turret + Sub-spindle	GT100LS Servo turret + sub-spindle	GT150LS Servo turret + sub-spindle
MACHINING RANGE	Maximum Swing Diameter (mm)	$\phi 450$	$\phi 550$	$\phi 450$	$\phi 550$
	Maximum Machining Diameter (mm)	$\phi 260$	$\phi 350$	$\phi 300$	$\phi 360$
	Maximum Machining Length (mm)	365	460	420	430
STROKE	X-axis Stroke (mm)	145	195	150	180
	Z1 axis Stroke (mm)	430	520	430	520
	Z2 axis Stroke (mm)	400	540	400	540
	Y-axis Stroke (mm)	/	/	/	/
PRECISION	Positioning Accuracy (mm)	± 0.005	± 0.005	± 0.005	± 0.005
	Repeated Positioning Accuracy (mm)	± 0.003	± 0.003	± 0.003	± 0.003
	X-axis Rapid Feed Rate (m/min)	20	30	20	30
FEED	Z1/Z2 Axis Rapid Feed Rate (m/min)	24/24	30/30	24/24	30/30
	Y-axis Rapid Feed Rate (m/min)	/	/	/	/
SPINDLE	Spindle Bore (mm)	$\phi 56$	$\phi 66$	$\phi 56$	$\phi 66$
	Maximum Bar Diameter(mm)	$\phi 45$	$\phi 51$	$\phi 45$	$\phi 51$
	Spindle Nose Type	A2-5	A2-6	A2-5	A2-6
	Maximum Spindle Revolving Speed(mm)	4000	3500	4500	3500
	Chuck Specification	6"	8"	6"	8"
SUB-SPINDLE	Spindle Bore (mm)	$\phi 49$	$\phi 49$	$\phi 49$	$\phi 49$
	Maximum Bar Diameter(mm)	$\phi 35$	$\phi 35$	$\phi 35$	$\phi 35$
	Spindle Nose Type	A2-5	A2-5	A2-5	A2-5
	Maximum Spindle Revolving Speed(mm)	4000	4000	4000	4000
	Chuck Specification	6"	6"	6"	6"
MOTOR POWER	Spindle Motor (kW, Continuous/30min)	7.5/11	11/15	7.5/11	11/15
	Sub-Spindle (Electrical Spindle) (KW)	5.5	5.5	5.5	5.5
	X-axis (N.m)	8.34	11	8.34	11
	Z1 axis (mm)	8.34	11	8.34	11
	Z2 axis (mm)	8.34	11	8.34	11
	Y-axis (N.m)	/	/	/	/
	Turret Type	30°Live turret	30°Live turret	30°Servo turret	30°Servo turret
TURRET	Boring Tool Diameter (mm)	$\phi 25$	$\phi 40$	$\phi 25$	$\phi 40$
	Square Tool Diameter (mm)	$\square 20$	$\square 25$	$\square 25$	$\square 25$
	Live Tool Maximum Speed (rpm)	4000	4000	4000	4000
	Live Tool Motor	2.3	3.1	2.3	3.1
	Overall Weight (kg)	4000	4900	3900	4900
COMPLETE MACHINE	Length (mm)	2500	3000	2500	3000
	Width(mm), (with Water Tank)	1650	1800	1650	1800
	Height (mm)	1780	1950	1780	1955

CNC MACHINE TOOL SERIES (SERVO TURRET)

GT80/GT100/GT100L
GT150/GT150L/GT200L

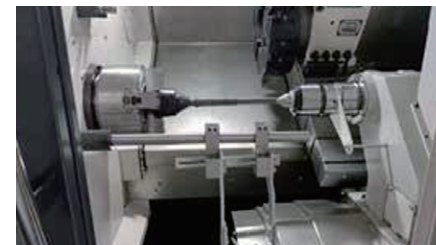
- High cost performance
- High rigidity
- High efficiency
- High stability



● Indexing chuck

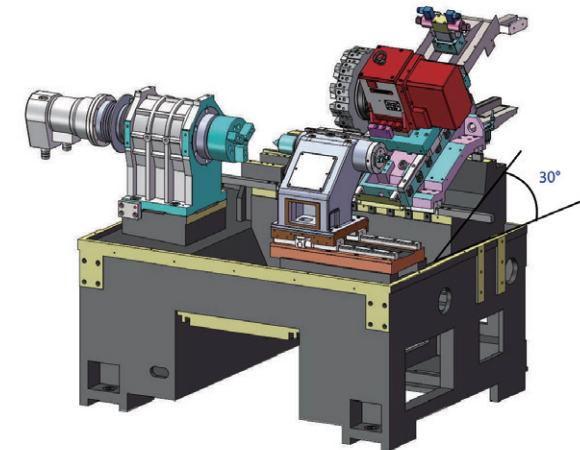


● Disc processing



● Shaft processing

GT80 GT100/100L	Spindle	A2-5	Max bar: $\phi 45$ mm	4000rpm	7.5kw
	Option	A2-6	Max bar: $\phi 51$ mm	3500rpm	11kw
GT150/150L GT200L	Spindle	A2-6	Max bar: $\phi 51$ mm	3500rpm	11 kw
	Option	A2-8	Max bar: $\phi 75$ mm	2500rpm	15kW



STRUCTURAL FEATURES OF HIGH/ LOW HORIZONTAL GUIDEWAYS

- Z-axis guideways are horizontally mounted, with four slide blocks evenly distributing the saddle weight and cutting forces. This design minimizes ball wear in the slide blocks and extends guideway service life.
- The slant bed with high/low horizontal guideways maintains consistent structural stability throughout machining, assembly, and operation, ensuring long-term machine accuracy.

- Ready for direct integration with bar feeders and truss manipulators to build automated production systems.



TECHNICAL PARAMETERS

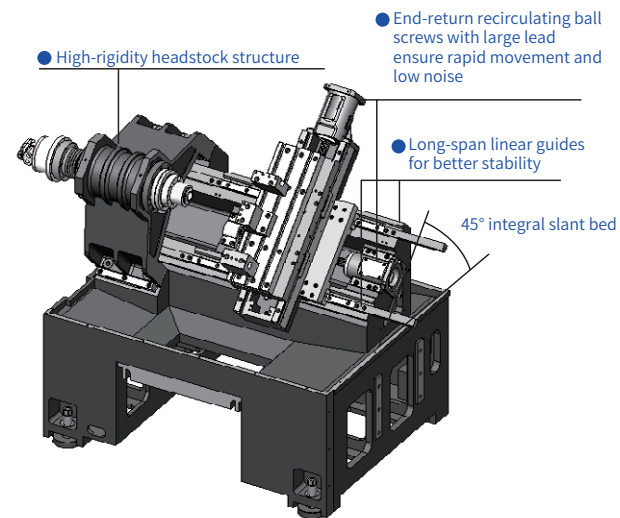
		GT80	GT100	GT100L	GT150	GT150L	GT200L
MACHINING RANGE	Maximum Swing Diameter (mm)	$\Phi 400$	$\Phi 450$	$\Phi 450$	$\Phi 550$	$\Phi 550$	$\Phi 600$
	Maximum Machining Diameter (mm)	$\Phi 260$	$\Phi 300$	$\Phi 350$	$\Phi 350$	$\Phi 380$	$\Phi 380$
	Maximum Machining Length (mm)	230	300	380	280	600	750
STROKE	X-axis Stroke (mm)	150	160	160	200	200	200
	Z-axis Stroke (mm)	280	320	420	320	630	800
	X-axis Rapid Feed Rate (m/min)	20	20	20	30	30	30
PRECISION	Z-axis Rapid Feed Rate (m/min)	24	24	24	30	30	30
	Positioning Accuracy (mm)	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005
	Repeated Positioning Accuracy (mm)	± 0.003	± 0.003	± 0.003	± 0.003	± 0.003	± 0.003
SPINDLE	Spindle Bore (mm)	$\Phi 49$	$\Phi 56$	$\Phi 56$	$\Phi 66$	$\Phi 66$	$\Phi 66$
	Maximum Bar Diameter(mm)	$\Phi 35$	$\Phi 45$	$\Phi 45$	$\Phi 51$	$\Phi 51$	$\Phi 51$
	Spindle Nose Type	A2-5	A2-5	A2-5	A2-6	A2-6	A2-6
MOTOR POWER	Maximum Spindle Revolving Speed(mm)	4000	4000	4000	3500	3500	3500
	Chuck Specification	6"	6"	6"	8"	8"	8"
	Spindle Motor (kW, Continuous/30min)	5.5	7.5/11	7.5/11	11/15	11/15	11/15
TURRET	X-axis (N.m)	6	8.34	8.34	11	11	11
	Z-axis (N.m)	6	8.34	8.34	11	11	11
	Turret Type	Servo turret	Servo turret	Servo turret	Servo turret	Servo turret	Servo turret
TAILSTOCK	Boring Tool Diameter (mm)	$\Phi 25$	$\Phi 32$	$\Phi 32$	$\Phi 40$	$\Phi 40$	$\Phi 40$
	Square Tool Diameter (mm)	$\square 20$	$\square 25$	$\square 25$	$\square 25$	$\square 25$	$\square 25$
	Tailstock Type (Option)	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Servo	Servo
COMPLETE MACHINE	Tapered Hole Type	MT-4	MT-4	MT-4	MT-4	MT-4	MT-5
	Overall Weight (kg)	2200	2800	3300	3200	4100	5000
	Length (mm)	1950	2300	2385	2120	3000	3200
	Width(mm), (with Water Tank)	1650	1650	1650	1800	1800	1800
	Height (mm)	1720	1780	1720	1755	1850	1855

CNC MACHINE TOOL SERIES (GANG TOOL)

GT40/ GT36/ GT35

KEY FEATURES OF SLANT BED DESIGN

- 45° integral slant bed structure optimizes chip evacuation and workpiece loading and unloading.
- Bed-base cast from high-strength resin sand ensures superior structural rigidity and vibration damping.
- Modular design with streamlined construction delivers high cost-performance.
- Pre-installed automation interfaces enable integration with robotic systems.



• Turret + Square turning power head



• Gang Tool + ER collet power head

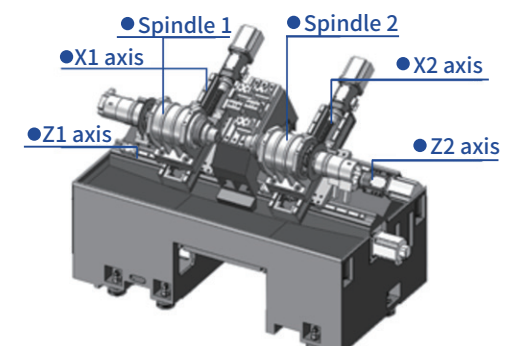
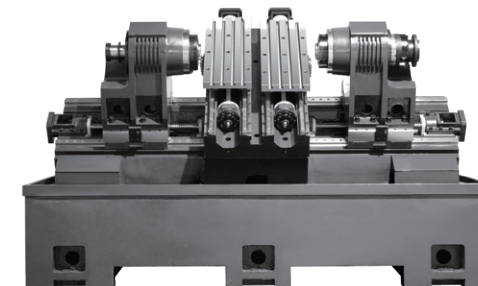
		GT40	GT36	GT35
MACHINING RANGE	Maximum Swing Diameter (mm)	Φ360	Φ350	Φ350
	Maximum Machining Diameter (mm)	Φ300	Φ260	Φ240
	Maximum Machining Length (mm)	280	260	240
STROKE	X-axis Stroke (mm)	350	340	300
	Z-axis Stroke (mm)	320	280	280
PRECISION	Positioning Accuracy (mm)	±0.005	±0.005	±0.005
	Repeated Positioning Accuracy (mm)	±0.003	±0.003	±0.003
FEED	X-axis Rapid Feed Rate (m/min)	20	20	20
	Z-axis Rapid Feed Rate (m/min)	24	24	24
SPINDLE	Spindle Bore (mm)	Φ56	Φ49	Φ49
	Maximum Bar Diameter(mm)	Φ45	Φ40	Φ35
	Spindle Nose Type	A2-5	A2-5	A2-5
	Maximum Spindle Revolving Speed(mm)	4000	4000	4000
	Chuck Specification	Chuck/Collet	Chuck/Collet	Chuck/Collet
MOTOR POWER	Spindle Motor (kW, Continuous/30min)	7.5	5.5	3.7
	X-axis (N.m)	6	6	4
	Z-axis(N.m)	6	6	4
TURRET	Turret Type	Gang tool	Gang tool	Gang tool
	Boring Tool Diameter (mm)	Φ25	Φ25	Φ25
	Square Tool Diameter (mm)	□20	□20	□20
TAILSTOCK	Tailstock Type (Option)	/	/	/
	Tapered Hole type	/	/	/
COMPLETE MACHINE	Overall Weight (kg)	2000	1700	1620
	Length (mm)	2050	1950	1900
	Width(mm), (with Water Tank)	1450	1380	1350
	Height (mm)	1680	1680	1650

CNC DOUBLE SPINDLES MACHINE TOOL SERIES (GANG TOOL)

GTS46/ GTS36

MAIN STRUCTURAL FEATURES

- Double spindles coupling structure with integral inclined bed cast base.
- Complete front/back machining in one setup, eliminating secondary manual loading and ensuring workpiece concentricity and parallelism.
- Reduce time waste from transfer/handling and minimize workpiece damage.
- Support automatic loading systems: automatic clamping, machining, unloading, and part catching, saving labor and improving efficiency.
- Direct integration with bar feeders and gantry manipulators to form automated production.



		GTS46	GTS36
MACHINING RANGE	Maximum Swing Diameter (mm)	Φ460	Φ360
	Maximum Machining Diameter (mm)	300	240
	Maximum Machining Length (mm)	280	220
STROKE	X-axis Stroke (mm)	580	350
	Z-axis Stroke (mm)	380	250
PRECISION	Positioning Accuracy (mm)	±0.005	±0.005
	Repeated Positioning Accuracy (mm)	±0.003	±0.003
FEED	X-axis Rapid Feed Rate (m/min)	24	24
	Z-axis Rapid Feed Rate (m/min)	24	24
SPINDLE	Spindle Bore (mm)	Φ56	Φ49
	Maximum Bar Diameter(mm)	Φ45	Φ35
	Spindle Nose Type	A2-5	A2-5
	Maximum Spindle Revolving Speed(mm)	4000	4000
	Chuck Specification	Chuck/Collet	Chuck/Collet
MOTOR POWER	Spindle Motor (kW, Continuous/30min)	5.5	3.7
	X-axis (N.m)	6	6
	Z-axis(N.m)	6	6
TURRET	Turret Type	gang tool	gang tool
	Boring Tool Diameter (mm)	Φ25	Φ20
	Square Tool Diameter (mm)	□20	□20
TAILSTOCK	Tailstock Type (Option)	/	/
	Tapered Hole Type	/	/
COMPLETE MACHINE	Overall Weight (kg)	4200	2600
	Length (mm)	2600	2300
	Width(mm), (with Water Tank)	1850	1700
	Height (mm)	1950	1800

SINGLE MACHINE TRUSS AUTOMATIC MACHINE TOOL

MAIN FEATURES

- Suitable for disc-type, shaft-type, and irregular-shaped workpieces.
- Integrated Design ensures enhanced stability and reliability.
- One-Stop Service system simplifies communication.
- High Efficiency: Gantry axes driven by servo motors deliver rapid feed response and high-speed motion.
- Modular Standardization: User-friendly design simplifies operation, eases maintenance, and ensures versatility with exceptional cost-effectiveness.



AUTOMATIC BAR FEEDER B-326/ DH-65

MAIN FEATURES

- Oil-film feeding system, low noise; Bar feeder employs PLC with multiple parameter setting functions, excellent stability, easy maintenance, and adjustable feed thrust.

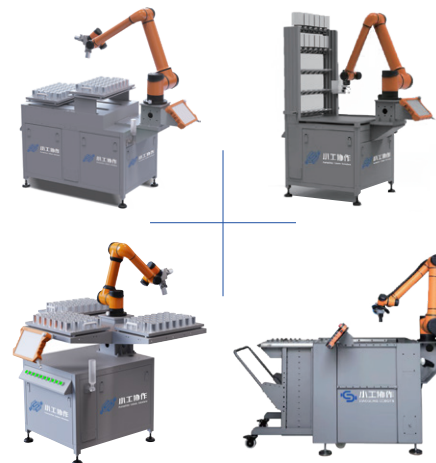
Model	B-326	DH-65
Bar Diameter	Φ3-26	Φ5-60
Maximum Bar Length	2.5M/3.0M	1.5M
Length	3355/3950mm	1908mm
Width	680mm	680mm
Weight	300/320KG	386KG



COOPERATIVE ROBOT ARM

MAIN FEATURES

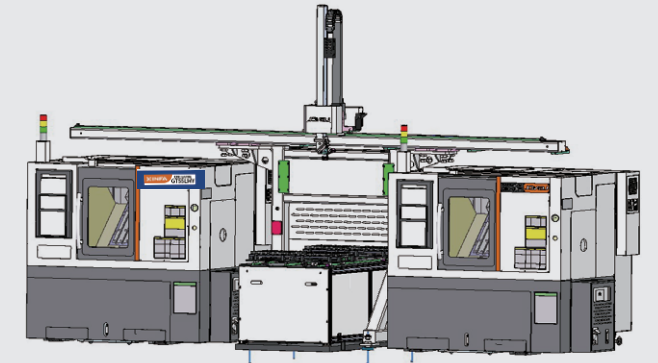
- Flexible mobility; user-friendly operation; quick feed tray replacement.
- Effectively reduces labor costs, enhances production efficiency, and ensures product stability.



AUTOMATIC PRODUCTION LINE

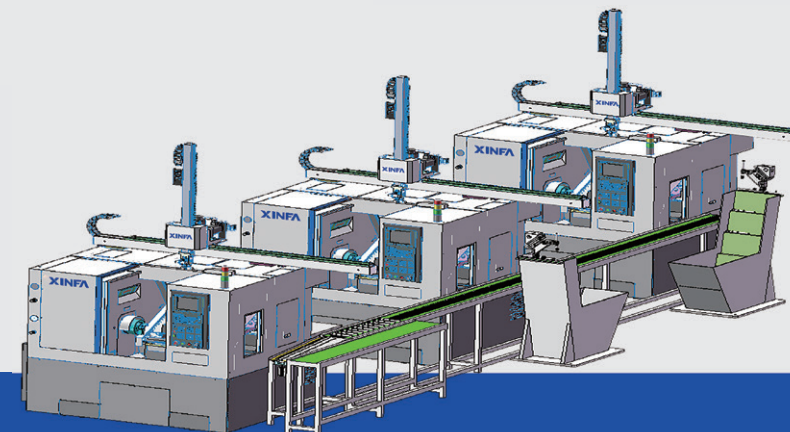
AUTOMATED SOLUTIONS

- Compact delivery system enables unmanned production handling workpieces up to 3-5kg.
- Customized solutions designed based on customer-specific products.



FEATURES

- Automated Truss Transfer System.
- Equipped with 3-jaw clamping gripper and rotary cylinder.
- Optimized external metal sheet enclosures simplify equipment maintenance.
- Linear truss system with high-speed, high-precision gear rack mechanism.
- Workpiece measurement system and tool measurement system (optional).



- All GT Series models are compatible with the Automated Truss Transfer System.
- Engineered exclusively for GT Series machines, developed as an integrated extension of the platform.
- We provide one-stop complete integrated system services, including turning centers and automation systems. So it's easier to maintain and operate the whole system.
- Up to 3 or 5 Kg workpiece loading capacity, faster, simpler to operator and more flexible.

FLAT BED TURN-MILLING COMPOSITE MACHINE TOOL GS45Y/GS45D/GS45



- Vertical Y axis live turret
- Vertical 3+3 power head
- Square turning power head

- High cost performance
- High efficiency
- High stability

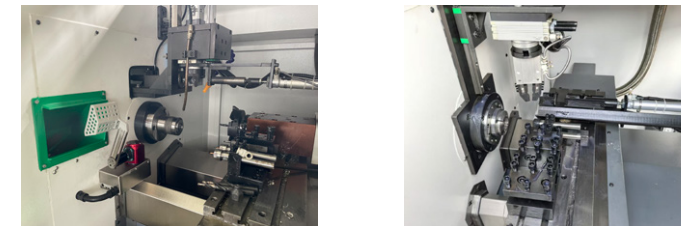


FLAT BED CNC MACHINE TOOL GS40

- High cost performance
- High efficiency
- High stability



FLAT BED CNC MACHINE TOOL GS35/GS35-80A/GS35-H



- Front feeding + Part catching
- Automatic U-turn



- High cost performance
- High efficiency
- High stability

TECHNICAL PARAMETERS

	GS45	GS40	GS35
Maximum Swing Diameter (MM)	Φ400	Φ400	Φ320
Maximum Machining Diameter (MM)	Φ300	Φ280	Φ280
Maximum Machining Length (MM)	400	260	320
Spindle Revolving Speed(RPM)	3500	3500	2800
X-axis Rapid Feed Rate (M/MIN)	20	20	20
Z-axis Rapid Feed Rate (M/MIN)	20	20	20
X-axis Stroke (MM)	350	300	320
Z-axis Stroke (MM)	400	280	300
Spindle Motor Power (KW)	7.5	4.0	3.7
Weight (KG)	1950	1600	1300
Dimensions (Length×Width×Height) (MM)	1900x1450x1750	1900x1350x1670	1700x1400x1700

HIGH-EFFICIENCY AUTOMATION SERIES

GS30-200G/GS30-300A/GS30-80A

- High cost performance
- High efficiency
- High stability



● GS30-200G

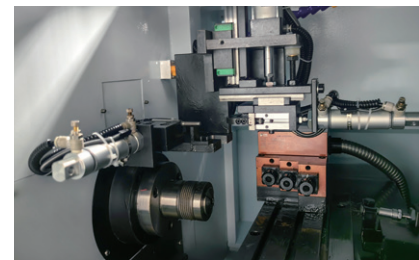
● GS30-300A



● Front feeding GS30-80A



● Rotary U-turn



● Vertical feeding

TECHNICAL PARAMETERS

	GS30-200G	GS30-300A	GS30-80A
Workpiece Length (MM)	70-200	70-300	20-70
Workpiece Diameter (MM)	Φ3-28	Φ3-28	Φ3-28
Machining Range	Round, hexagonal	Round, hexagonal	Round, hexagonal, special shape
Spindle Motor (KW)	2.2	2.2	2.2
Spindle Revolving Speed (RPM)	4000	4000	4000
X-axis Rapid Feed Rate (M/MIN)	20	20	20
Z-axis Rapid Feed Rate (M/MIN)	24	24	24
X-axis Stroke (MM)	260	260	260
Z-axis Stroke (MM)	260	260	260
Weight (KG)	1520	1650	1350
Dimensions (Length×Width×Height) (MM)	1950x1300x1680	2800x1300x1680	1520x1300x1750

FRONT FEEDING ECONOMICALLY AUTOMATIC CNC LATHE

CKZJ25-80A/CKZJ32-80A/CKZJ40-80A



BACK FEEDING ECONOMICALLY AUTOMATIC CNC LATHE

CKZJ25-300A/CKZJ32-300A



OPTION

- Precision Cartridge Spindle
- Follow Rest
- Hollow Hydraulic Rotary Cylinder
- Externally Mounted Automatic Part Catcher



● Rotary Cylinder



● Bowl Feeder



● Elevator Feeder



● Guide Plate Bar Feeder (<430mm)



● Integrated Loading/Unloading Storage Silo

TECHNICAL PARAMETERS

	CKZJ25-80A	CKZJ32-80A	CKZJ40-80A	CKZJ25-300A	CKZJ32-300A
Workpiece Length (MM)	20-70(Can be lengthened)	20-70(Can be lengthened)	20-70(Can be lengthened)	70-300(Can be lengthened)	70-300(Can be lengthened)
Workpiece Diameter (MM)	Φ3-20	Φ3-28	Φ3-40	Φ3-20	Φ3-28
Machining Range	Round, hexagonal, special shape	Round, hexagonal, special shape	Round, hexagonal, special shape	Round, hexagonal	Round, hexagonal
Spindle Motor (KW)	2.2	2.2	3.7	2.2	2.2
Spindle Revolving Speed(RPM)	2800	2800	2800	2200	2200
X-axis Rapid Feed Rate (M/MIN)	10	10	10	10	10
Z-axis Rapid Feed Rate (M/MIN)	10	10	10	10	10
X-axis Stroke (MM)	220	220	220	220	220
Z-axis Stroke (MM)	150	150	220	170	150
Weight (KG)	1050	1150	1250	1150	1250
Dimensions (Length×Width×Height) (MM)	1550x1150x1650	1550x1150x1650	1650x1150x1650	2950x1150x1650	2950x1150x1650

AUTOMATIC CNC TURN-MILLING MACHINE TOOL FOR BITS (HARD RAIL/LINEAR RAIL)

CKZX25-300A/300C

TECHNICAL PARAMETERS

	CKZX25-300A
Workpiece Length (MM)	20-150mm/20-400mm
Workpiece Diameter (MM)	Φ3-18mm
Machining Range	Round, hexagonal
Spindle Motor(KW)	2.2/3.7
Spindle Revolving Speed(RPM)	2800/4000
Weight (KG)	1250
Dimensions (Length×Width×Height) (MM)	2800 x 1180 x 1600
Indexing Divisions	Unlimited division
Production Rate (PCS/MIN)	8-10
Feeding Method	Bowl feeder (optional)



● Electric spindle



● Servo spindle



● Servo milling tool power head

CKZX25-300

SIMPLE TURNING-MILLING,
COST-EFFECTIVE



Workpiece Length	20-150mm/20-400mm
Workpiece Diameter	Φ3-18mm
Production Rate	8-10pcs/min

PROCESSING EXAMPLE



MAIN FEATURES

- Cast iron frame with high rigidity and vibration-damping stability.
- Electrical spindle ensures precise indexing and exceptional cutting stiffness.
- Hollow hydraulic rotary cylinder clamping system delivers uniform gripping force.
- Automatic lubrication guarantees maintenance-free operation.
- Ergonomically designed fully enclosed sheet metal, safe, waterproof and beautiful.



AUTOMATIC MARKING MACHINE ZD-150

MAIN FEATURES

- Suitable for marking on screwdriver bits, tool shanks, etc., with high processing efficiency, low noise and good stability.



Workpiece Length	20-150mm(Can be lengthened)
Workpiece Diameter	Φ3-16mm (can be bigger)
Production Rate	100-180pcs/min

AUTOMATIC HYDRAULIC MILLING MACHINE SERIES

ZX-300A/ZX-300F



TECHNICAL PARAMETERS

	ZX-300A	ZX-300F
Workpiece Length (MM)	70-300	70-300
Workpiece Diameter (MM)	Φ3-18	Φ5-18
Production Rate (PCS/MIN)	10-20	3-12
Machining Range	Round, square, hexagonal	Round, square, hexagonal
Spindle Motor(KW)	1.8	1.8
Spindle Speed (RPM)	1750	1750
Indexing Range	2*3*4*6 Divisions	2*3*4*6 Divisions
Weight (KG)	About 550	About 580
Feeding Method	Back feeding	Back feeding



ZX-100I FRONT FEEDING
AUTOMATIC MILLING
MACHINE



ZX-300W HORIZONTAL MULTI-SIDE
AUTOMATIC MILLING
MACHINE

APPLICATION SCOPE

- Suitable for batch milling of multi-axis machining of shaft parts, such as cross slots, horizontal slots, middle slots, etc. It is easy to adjust the tool and has broad process adaptability.



PROCESSING EXAMPLE



ZX-300D

BALL NOSE INTERNAL
HEXAGON AUTOMATIC MILLING
MACHINE

PROCESSING EXAMPLE



WORKPIECE LENGTH: 70-300MM
WORKPIECE DIAMETER: Φ3-12MM
MOTOR POWER: 1.8KW
SPINDLE SPEED: 1750R/MIN
WEIGHT: About 600KG



ZX-300K

HORIZONTAL AUTOMATIC
DRILLING MACHINE

PROCESSING EXAMPLE



Suitable for automated processing of various materials, including single-hole and multi-hole indexed drilling operations. Customizable multi-power heads specialized machines enable drilling and deburring in a single step, significantly improving machining efficiency.

STAIR-TYPE REAR IN-REAR OUT AUTOMATIC LATHE SERIES

ZC-200G-2



TECHNICAL PARAMETERS

Workpiece Length	30-200mm
Workpiece Diameter	φ4-24mm
Production Rate	6-12pcs/min
Machining Range	Round stair-type parts
Motor Power	1.5KW
Spindle Speed	2200r/min
Weight	About 560 kg
Feeding Method	Rear In-Rear Out (Optional Bowl feeder)

BEFORE
MACHINING



AFTER
MACHINING



APPLICATION SCOPE

- Suitable for batch production of stair-type and shaft-type parts (machining small-end features), including automated operations such as turning outer diameters, facing ends, chamfering, grooving, drilling.

LONG MATERIAL AUTOMATIC LATHE SERIES

ZC-300A-2

APPLICATION SCOPE

- Suitable for batch production of long shafts, tubes, etc., including automated operations such as turning end face, facing, turning outer diameters, chamfering, drilling, grooving, threading, tapping.



2-Hydraulic Cylinder
Carriage Assembly



3-Hydraulic Cylinder
Carriage Assembly



32-ZC-300A
Guide Plate
Automatic Lathe

Workpiece Length	70-430mm
Workpiece Diameter	φ10-32mm
Production Rate	6-15pcs/min
Machining Range	Round, square, hexagonal
Motor Power	1.8/2.2KW
Spindle Speed	2200r/min
Weight	About 570kg
Feeding Method	Back feeding



ZC-300A-2
Long Material
Automatic Lathe

Workpiece Length	70-300mm(Can be lengthened)
Workpiece Diameter	φ3-18mm
Production Rate	8-15pcs/min
Machining Range	Round, square, hexagonal
Motor Power	1.5KW
Spindle Speed	2200r/min
Weight	550kg
Feeding Method	Back feeding

SHORT MATERIAL AUTOMATIC LATHE SERIES

ZC-100B-3



TECHNICAL PARAMETERS

	25 model	32 model
Workpiece Length	15-70mm	15-70mm
Workpiece Diameter	φ4-22mm	φ10-32mm
Production Rate	10-25pcs/min	8-20pcs/min
Machining Range	Round, hexagonal, special shape	Round, hexagonal, special shape
Motor Power	1.5/1.8KW	1.8/2.2KW
Spindle Speed	2800r/min	2200r/min
Weight	About 540KG	About 550KG
Feeding Method	Front Feeding	Front Feeding

APPLICATION SCOPE

- Suitable for batch production of short shafts, tubes, stair-type parts, discs, and similar components, supporting automated operations such as turning end face, facing, turning outer diameters, chamfering, drilling, grooving, threading, tapping.



PNEUMATIC CHAMFERING MACHINE

ZC-100C



Workpiece Length	15-70mm
Workpiece Diameter	φ4-20mm
Production Rate	15-30pcs/min
Machining Range	Round, hexagonal
Motor Power	1.1KW
Spindle Speed	2800r/min
Weight	280kg
Feeding Method	Front Feeding

STAIR-TYPE FRONT FEEDING AUTOMATIC LATHE

ZC-100B (Suitable for stair-type parts, machining large-end part)



Workpiece Length	15-70mm(Can be lengthened)
Workpiece Diameter	φ4-22mm
Production Rate	10-25pcs/min
Machining Range	Round, hexagonal, special shape
Motor Power	1.5KW
Spindle Speed	2800r/min
Weight	550kg
Feeding Method	Front Feeding