



CNC SOLUTION FOR FUTURE

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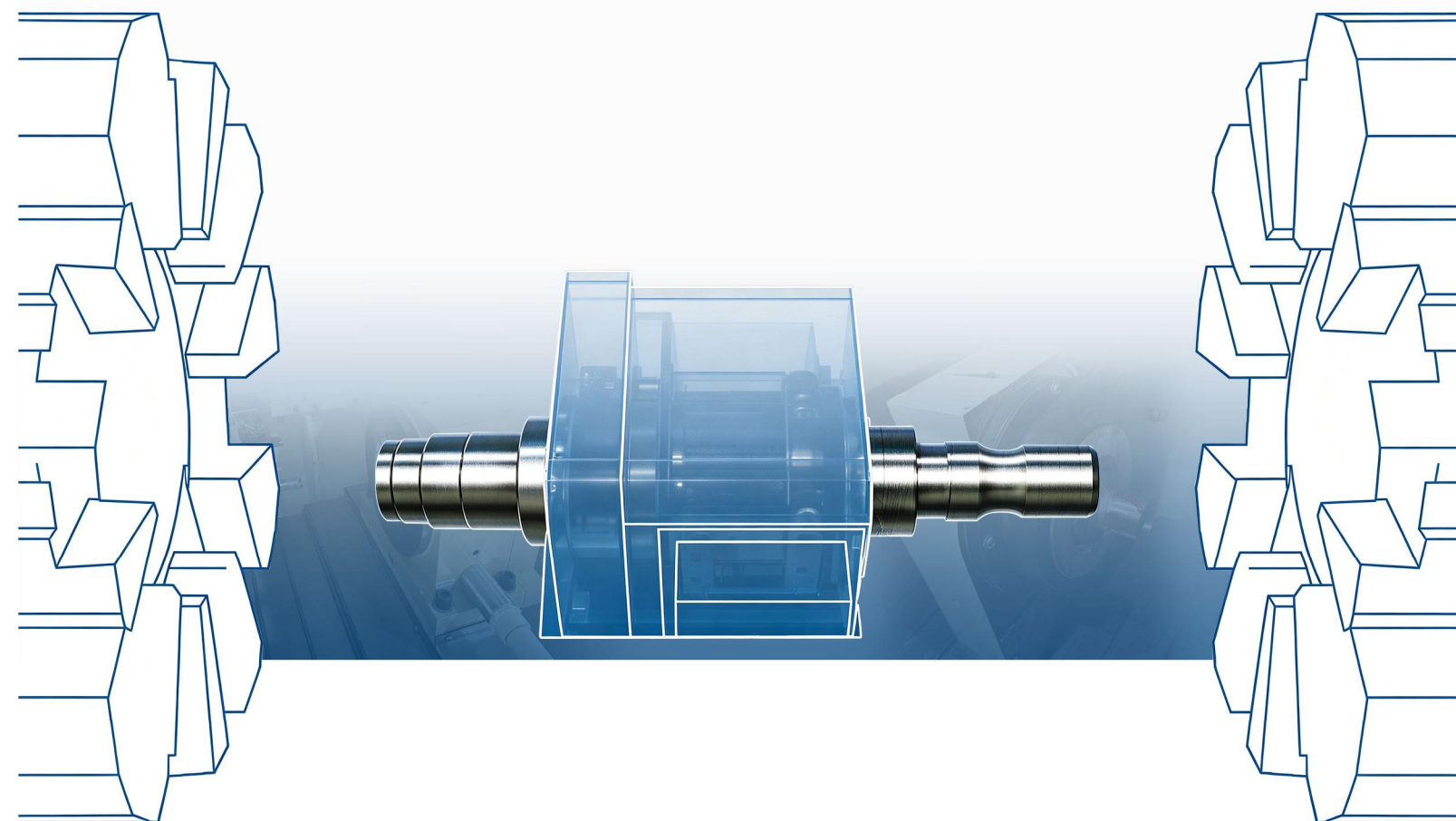
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嘉坤机械
JIA KUN MACHINERY



Center Drive Lathe

Turnkey Solution For Shaft Machining

FOSHAN JIAKUN MACHINERY CO., LTD.

Since 1994 Precision Manufacturing

30+ Years of Engineering Excellence

For over 30 years,
Jiakun Machinery has been
dedicated to the R&D and
manufacturing of CNC machine tools
and advanced automation systems.

From standard CNC machine tools
to automated production lines,
from precision machining
to custom equipment solutions.

Driven by stable quality
and continuous innovation,
we provide trusted machinery
and services to global clients.

We believe the stable operation
of every machine stems from
uncompromised quality
in every single process.



Features of Center Drive Lathe

1 > 2
High Efficiency

With a single setup, turning, drilling, tapping, and other multiple processes can be completed. Largely reduce the machine time and labor costs.

Micron-Level Concentricity
High Precision

Center Drive Lathe is equipped with a **high-precision drive system**, allowing simultaneous machining on both ends, effectively reducing errors caused by re-lamping the workpiece.



Versatility
Cost-Effective

We provide comprehensive turnkey solutions. From turret machines to indexing machines, and from single-spindle to dual-spindle configurations, whether you're a company seeking high cost-effectiveness or a precision manufacturer needing complex machining capabilities, you can find the most suitable equipment with us.

Automation
Reliable

Optimize the machining process to achieve **full automation**. Reducing errors caused by manual operations and **improve product consistency**, ensuring a more stable and safer manufacturing process.

Application



NEV Motor Shaft



Gear Shaft



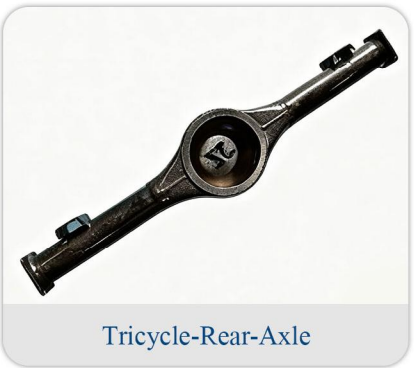
Shock Absorber



Forklift Drive Axle



Hydraulic Rod



Tricycle-Rear-Axle



Steering Column



Steering Column



Motorcycle Shock Absorber



Automotive Hot Runner Tube



Transmission Screw



PCB Equipment Roller



Automotive Drive Shaft Component



Automotive Precision Shaft Component



Ball Screw.jpg



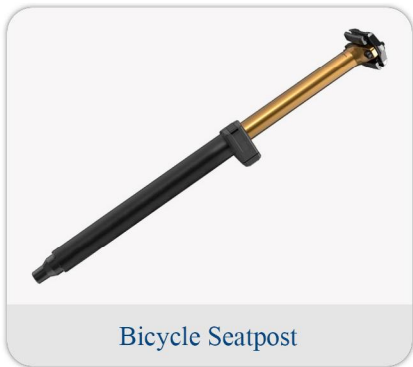
Transmission Shaft



Drive Shaft



Pin Shaft



Bicycle Seatpost



Bicycle Hub



Transmlsslion shaft(Agrlculture)



Logistic-Roller



Blown Film Machine Roller



Printing Roller

Single Spindle Series

Twin Gang Tooling for Precision Short Shaft Machining

Single-Spindle Dual-Gang Tool for Precision Short-Shaft Machining



Single-Spindle Dual-Gang Series-Tech Specs-SPP	
Max. clamping diameter	32 / 72 / 95 / 120 / 160 / 180 / 200 / 220 mm
Max. machining length	90-1000 mm(customizable length)
Max. spindle speed	2500-3000 rpm/min
CNC controller	SYNTER / LNC / GSK / Siemens / Mitsubishi / FANUC Dual-channel control
Repeat positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.006
Positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.008

Single Spindle Series

Twin Turret for Precision Short Shaft Machining

Single-Spindle Dual-Turret for Precision Short-Shaft Machining



Single-Spindle Dual-Turret Series-Tech Specs-SDD	
Max. clamping diameter	32 / 72 / 95 / 120 / 160 / 180 / 200 / 220 mm
Max. machining length	90–1000 mm(customizable length)
Max. spindle speed	2500-3000 rpm/min
CNC controller	SYNTER / LNC / GSK / Siemens / Mitsubishi / FANUC Dual-channel control
Repeat positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.006
Positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.008

Dual Spindle Series

Twin-Spindle Dual-Gang for Long & Short Shaft Machining

Dual Spindle Twin Gang Tooling for Precision Shaft Machining

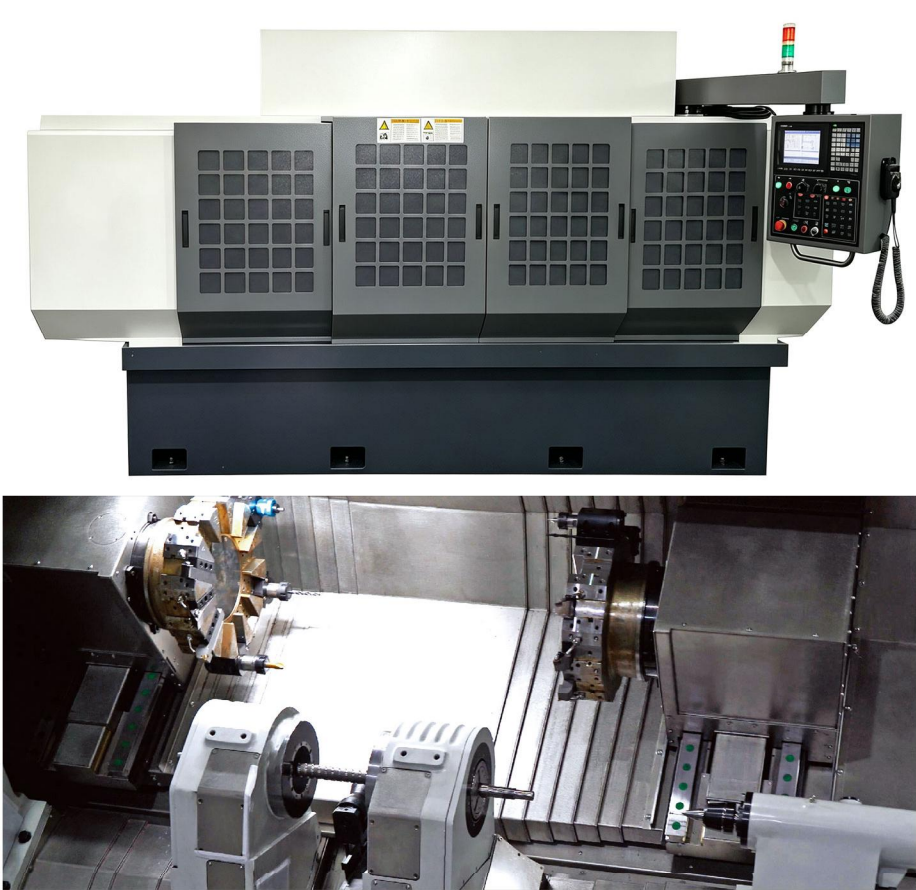


Twin-Spindle Dual-Gang-Tool Series-Tech Specs-SSPP	
Max. clamping diameter	32 / 72 / 95 / 120 / 160 / 180 / 200 / 220 mm
Max. machining length	490–1600 mm(customizable length)
Max. spindle speed	2500-3000 rpm/min
CNC controller	SYNTER / LNC / GSK / Siemens / Mitsubishi / FANUC Dual-channel control
Repeat positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.006
Positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.008

Dual Spindle Series

Twin-Spindle Dual-Turret for Long and Short Shaft Machining

Dual Spindle Twin Turret for Precision Shaft Machining



Twin-Spindle Dual-Turret Series-Tech Specs-SSDD	
Max. clamping diameter	32 / 72 / 95 / 120 / 160 / 180 / 200 / 220 mm
Max. machining length	490–1600 mm(customizable length)
Max. spindle speed	2500-3000 rpm/min
CNC controller	SYNTER / LNC / GSK / Siemens / Mitsubishi / FANUC Dual-channel control
Repeat positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.006
Positioning accuracy(X ₁ /X ₂ /Z ₁ /Z ₂)	0.008

Optional Accessories

Automation Option Series

Flexible Automation Solutions for Maximum Productivity



Gantry Robot



OTC Robot



Inclined Automatic Feeder



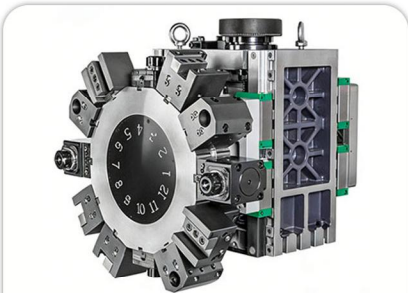
Teaching Robot



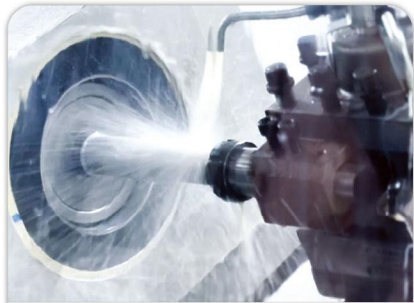
Servo-Driven Live Tool Turret



Hydraulic Turret



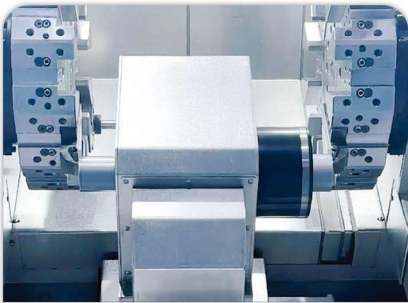
Y-Axis Live Tool Turret



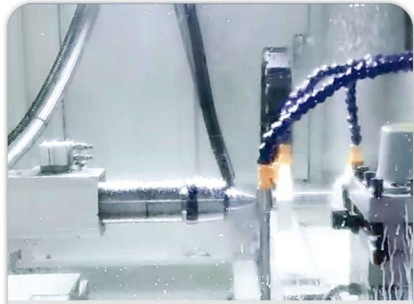
High-Pressure Coolant



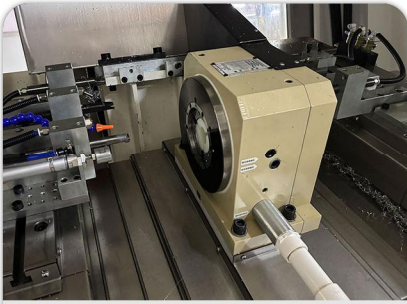
Clamping Head



Extension Collet



Tail Stock



Hydraulic Spindle



Optical / Radio Probe



Oil Cooler



Oil Mist Collector



Chip Conveyor

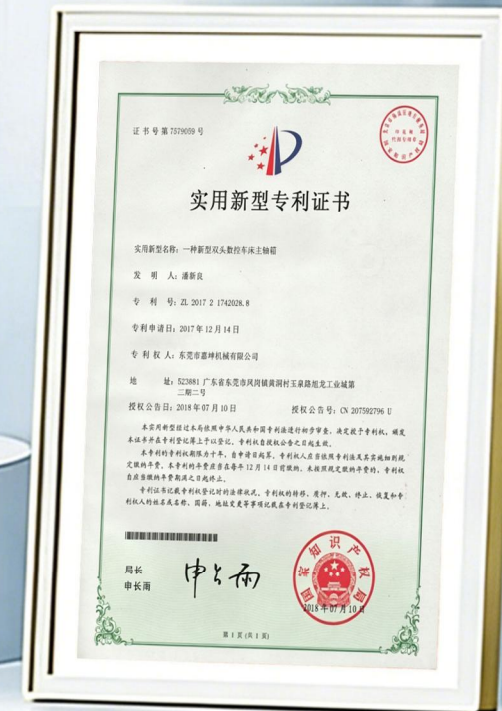
To Contribute to Various Industries

Digital Innovation・Smart Manufacturing
『JIAKUN MACHINERY』



Precision Turning · Multi-Task Machining · Automated Lines · Intelligent Control

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(Selected patents shown due to space limitations)