

FOCCUS CNC

COMPATIBILITY & 24/7 SUPPORT
UNIVERSAL INTEGRATION | BETTER QUALITY |
BETTER COST-EFFECTIVENESS

"Better quality for cost effectiveness. With over 200 models available, we offer the international standard of performance."

**Universal compatibility with FANUC,
SIEMENS etc**

Feedback interchangeability

24/7 Technical support & quality assurance

FOCCUS CNC ACCESSORIES

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FOCCUS is led by technocrats obsessed with the science of motion. We offer machine tool and router manufacturers the perfect solution: International-grade technology re-engineered for absolute compatibility. We deliver superior quality with a market-disrupting cost-performance ratio. We are not just vendors; we are your engineering partners in high-performance motion control

Dynamic Axis Servo Systems

Permanent Magnet motors (1.0Nm–245Nm) with 5x peak overload for rapid, glass-smooth feed motion.

High-Torque Spindle Systems

AC Induction motors (1.1kW–400kW) designed specifically for heavy metal removal and rigid tapping

High-Speed Motorized Spindles

Specialized units engineered for precision industries including glass processing, dental milling, and jewelry manufacturing

Universal Intelligence Servo Drives

Next-generation drives supporting EtherCAT, CANopen, Powerlink, and Analog ($\pm 10V$) protocols

GLOBAL STANDARDS COMPLIANCE

CE, ISO9001, CNAS.

IE3 Energy Grade / Grade 2 (GB 18613).

Protection: IP55 / IP67 (Dust, Coolant, and Water-Resistant).

Insulation: Class F (Up to 155°C Heat Resistance).

AXIS MOTOR SERIES (AM)

Our **FOCCUS** Axis Servo Motors are designed for uncompromising rigidity and lightning-fast dynamic response, ensuring your machine moves with micron-level accuracy. We are better because our high-inertia design eliminates "lag" during rapid direction changes, providing a superior surface finish that legacy brands struggle to match at this price point. Every unit features standard high-resolution 23-bit absolute encoders, removing the need for time-consuming homing cycles and maximizing your daily production uptime. Built to be drive-agnostic, our axis series integrates flawlessly into your existing control architecture, giving you the freedom to use our drives or any other industry-standard servo drive.

Sub-Series	Technical Range	Primary Target	The FOCCUS USP
Micro-Motion (40-90 Frame)	1.0 Nm – 3.2 Nm High-Speed Positioning	Precision Automation & Small CNC Lathes	Extreme 500% peak torque overload for rapid-fire positioning in ultra-compact footprints.
Agile Feed (110-130 Frame)	4.0 Nm – 16 Nm Optimized Inertia	CNC Wood Routers & Metal Feed Axes	Low-cogging magnetic design specifically engineered for glass-smooth 3D carving finishes.
Industrial Power (163-192 Frame)	18 Nm – 56 Nm High Torque Density	Vertical Machining Centers (VMCs)	Standard 23-bit Absolute Encoders eliminate homing cycles and maximize machine uptime.
Max-Torque (220-265 Frame)	60 Nm – 245 Nm Heavy Authority	Gantry Mills & Heavy Boring Industry	Ultra-stable vertical axis lifting authority with zero back-drift under maximum load conditions.

SPINDLE MOTOR SERIES (SM)

Our **FOCCUS** Spindle Servo Motors are engineered for maximum rigidity and high-torque performance across a massive 1.1kW to 400kW power range. We are better because our "Technocrat" design matches Fanuc, Siemens, and Mitsubishi frame sizes exactly, offering an international-level alternative with a superior cost-performance ratio. Our spindles outperform legacy brands by delivering specialized control capabilities like rigid tapping and 0.001-degree C-axis precision while maintaining IE3 efficiency standards. [With over 100 model variations, we provide unmatched flexibility through a drive-agnostic philosophy that ensures seamless integration with any industry-standard servo drive.

Sub-Series	Technical Range	Primary Target	The FOCCUS USP
Series W (Precision Compact)	1.1kW – 5.5kW Up to 15,000 RPM	Precision Routers, Engraving, & Drilling Centers	Optimized for vibration-free high-speed constant power cutting to ensure glass-smooth finishes.
Series X (Performance Standard)	7.5kW – 15kW Up to 82 Nm Rated Torque	Mid-size Milling Tools & Industrial Routers	Patented enclosed air-duct & high-grade fan for 24/7 thermal stability under heavy load.
Series Y (Heavy Duty Industrial)	18.5kW – 37kW Up to 700 Nm Peak Torque	Heavy Machining Centers, Lathes, & Boring Mills	Superior Rigid Tapping & C-Axis orientation with 0.001-degree micron precision.
Series Z (High-Torque Power)	45kW – 400kW Up to 2,546 Nm Rated Torque	Gantry Mills & Heavy Industrial Equipment	Unrivaled power density with a higher torque-to-weight ratio than legacy European brands.