





Welcome to the Accurate Specialties Turning Center of Excellence

Accurate Specialties Turning Center of Excellence, a division of Fisher Barton, holds ISO 9001:2015 certification and is ITAR registered, showcasing our commitment to excellence in machining. Specializing in precision solutions and high complexity, our new facility is equipped with the latest multi-axis CNC lathes and mills with a highly skilled team to consistently deliver top-tier quality and reliability in every component.

Understanding the properties of different CNC machining materials is vital to the proper machining of parts for any industry. We have the engineering expertise as well as state-of-the-art equipment to accurately CNC machine components made of most metals and alloys, including aluminum, brass, bronze, Inconel, Monel, stainless steel, titanium, and other metals.

With over 50 years of metallurgical expertise, we continuously innovate. In addition to close tolerance machining, we offer advanced heat treatment and Engineered Coating Solutions® to further extend the life of your components. This dedication ensures our clients receive durable, tailor-made products that exceed expectations and fulfill their unique requirements.

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Category IV - Launch vehicles, guided & ballistic Missiles, rockets, torpedoes, bombs, and mines

Category VI - Surface vessels of war and special naval equipment

Category VII - Ground vehicles

Category XIII - Materials and miscellaneous articles

Category XV - Spacecraft systems and associated equipment

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High-speed 5-axis lathe for turning very large parts. Its functionality and features are ideal for heavy precision cutting with better surface finishes, milling, and drilling capabilities for precision and accuracy for complex geometries.

Max machining diameter: Up to 2.5m or 98 (in)

Table diameter: 98.43 in

Maximum swing capacity: 106.29 in

Maximum turning height: 98.43 in

Power: 100 Hp

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Vertical turning benefits of a lathe combined with those of a machining center. Ideal for lower run parts with heavy milling. Integrated milling capabilities for multi-tasking and a high-speed spindle for rapid machining

Max Cutting Diameter (in): Ø39.37

Max Cutting Length (in): 33.07

Power: 40/30 Hp

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This heavy-duty machine has the highest power in its class and is ideal for large parts. It uses one tool for both ID and OD.

1,250 mm (49-inch) table as a standard.

Swing and Turn: 1,600mm (63-inches)

Max Turning Height: 1,150mm (45-inches)

Max Weight: 8,000 kg (17,600+ lbs.)

Power: 74/60 Hp

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Equipped with 5-axis simultaneous machining, offering unparalleled flexibility in tackling complex geometries with precision and efficiency while maintaining exceptional surface finishes.

X Axis: 30.0 in 762 mm

Y Axis: 20.0 in 508 mm

Z Axis: 20.0 in 508 mm

Power: 30 Hp

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This large horizontal lathe offers robust turning capabilities for heavy high-speed cutting of diverse materials with increased efficiency and superior accuracy.

Max machining diameter (in): 16.14

Max machining length (in): 19.69 [39.37, 51.18]

Power: 30/20 Hp

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This machine excels in heavy-duty turning for large-scale components, offering the highest spindle speeds in its class. These speeds provide powerful cutting capabilities and increased stability, making it ideal for demanding applications.

Max Turning Diameter: 650 mm (25.6 in)

Max Turning Length: 952 mm (37.5 in)

Through Hole Diameter: 166.5 mm (6.6 in)

Power: 60 Hp

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This 4-axis turning center has exceptional rigidity for precision machining and a dual-spindle configuration for simultaneous machining.

Max Turning Diameter (in): 18.90

Max Turning Length (in): 49.21

Power: 30/20 Hp

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This double column turning center provides large capacity machining for close tolerance parts and the flexibility to handle a wide range of parts.

Max Turning Diameter (in) Ø62.99

Max Turning Length (in) 49.21 [62.99]

Power: 60/50 Hp



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