

PRECISION MACHINING

Aftermarket is Not an Afterthought™

AXON's differentiating methodology provides an exceptional aftermarket experience to customers in regards to both products and services.

Support

Long-term relationships are important to us. Our team welcomes your questions and suggestions. AXON is committed to offering solutions that fit your needs.

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PRODUCTS THAT PERFORM™

AXON's goal is to deliver the products and services you require in a reliable, responsive, and professional manner that sets a new standard for the industry. This includes precision machining for a wide variety of components, including blowout preventer, valve, downhole tooling, and fluid end parts.

Our fully-networked production facility utilizes state-of-the-art software and equipment, including multi-axis CNC machines, to assure a seamless integration between systems. Throughout the process, AXON's experienced personnel execute expert machining and examine every detail of every part to ensure your satisfaction.

You can count on us to provide the products and services you desire with a distinct difference - an authentic dedication to supporting you from inception through aftermarket.

PRECISION MACHINING LEADERSHIP

TURNKEY SOLUTIONS

AXON is recognized for uncompromising quality, innovative machining capabilities and superior customer service for your turnkey project needs. From BOP parts to downhole tooling parts, we understand the importance of working in extremely tight tolerances and excelling with technically complex components.

QUALITY IS THE ONLY OPTION

Partnering with customers and suppliers, we utilize a stringent quality management, traceability and document control system that is built around lean manufacturing principles. The result: Whether your project calls for small or large, heavy or light, and complex or simple components, your parts will be delivered per your specific requirements.



PLANT CAPABILITIES

Located slightly north of Houston, Texas, AXON's machining facility spans 126,000 ft² and houses over 42 CNC machines. We only utilize cutting-edge CNC lathes, mills, and grinders to ensure your project is machined correctly the first time around.

Services include:

- CNC Milling: Multi-Pallet Configurations, and Horizontal/Vertical Configurations with 4th and 5th Axis
- CNC Turning: 5th Axis and Live Spindle Tooling
- Small and Large Component Turnkey Machining
- Grinding, Coating, Chrome Plating, Post-Weld Heat Treatment
- Advanced Planning and Process Development
- Custom and Standard Equipment Manufacturing, Built to Specification



MACHINES THAT FIT THE PART

YOUJI	Max Work Piece Diameter	Max Swing Diameter	Max Height Piece Length
CNC Vertical Turret Lathe YV-600A	29.53"	33.46"	23.62"

TOSHIBA	X Axis	Y Axis	Z Axis	Pallet Size	Rotary Table
CNC Horizontal Boring Mill BTD-200QF-MFG #441H57	59"	47.25"	27.56"	39" x 47"	360,000

TOYODA	X Axis	Y Axis	Z Axis	Pallet Size	Rotary Table
CNC Horiz. Machining Center FA800	53.1"	45.2"	45.2"	31.5" x 31.5"	1°
FH630SX	39.37"	31.5"	33.46"	24.8" x 24.8"	1°
FA630	39.37"	33.46"	29.52"	24.8" x 24.8"	1°
FA450-III	23.6"	23.6"	23.6"	17" x 17"	1°
CNC Vert. Machining Center BM1600	63"	31.5"	31.5"		
BM1200	47"	23"	23"		

DOOSAN	X Axis	Y Axis	Z Axis	Pallet Size	Rotary Table
HM8000 CNC with Fanuc 31iA Control	49.2"	39.4"	39.4"	31.5" x 31.5"	1°

MAZAK	Max Work Piece Diameter	Max Machining Length	X Axis	Y Axis	Z Axis	Max Machining Diameter
Integrex 300I SR 60"	25.9"	59.8"				
Integrex e670 4000U			40.35"	26.38"	172.87"	4213"

MORI-SEIKI	Max Turning Diameter	Max Turning Length	Chuck Size	Max OD Chuck Through
CNC Lathe NL2500/700	14"	27.75"	10"	3.4"
NL2000/500	8"	20"	8"	3"
SL-603B/2000	20"	60"	21"	