



56-inch Bullard Cut Master VTL

The new machine shop was also designed around an overhead crane system capable of supporting a 50-ton lift capacity.

Having these critical milling operations consolidated in one highly engineered building, translates to improved customer service and a streamlined production process, reducing turn-around time and adding to TAW's advanced capabilities in repairing and manufacturing power generation equipment, pumps and motors.

TAW customers rely on our high-quality work and full-service capabilities. This expansion enables us to work beyond expectations and needs, delivering the highest level of precision and excellence possible.

We realize that every customer is unique, and requires customized solutions to fit the size and scope of your business.



103-inch Shibaura-Berthiez VTL

A TRADITION OF INTEGRITY

Founded in 1921 by J. Arthur Turner, Sr. and three associates, TAW began its history of excellence by hiring dedicated service professionals and expert craftsmen in the field of electric motor repair and service. The company has carried this core belief of employing the best, in order to provide comprehensive repair services through expertise and knowledge. The standards and level of quality at TAW are simply unmatched in our industry. Our motto - then and now - is "Industry's Friend." And though the industry and our business model have evolved, all our customer transactions are still based on the principles of quality, value, honesty and integrity.



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THE POWER OF PRECISION

TAW Introduces Our Largest and Most Advanced Machine Shop in Our Fleet.



Your Ultimate Power Partner.



OUR VERTICAL TURRET LATHE IS SO LARGE, IT REQUIRED A BUILDING ALL ITS OWN.

The completion of our 4,900-sq. ft. machine shop annex ushers in a new era for big precision machining at TAW. The centerpiece of this new facility is our **180-inch vertical turret lathe (VTL) with a 220,000 lb. load capacity.** It is one of the largest VTLs in the southeastern United States. This big VTL provides TAW's expert technicians with the ability to machine much larger parts. TAW custom equipment engineers designed and manufactured new controls for the VTL providing better speed control, more accurate cuts and the most advanced technology available.

The new machine shop also provides space for a **103-inch Shibaura-Berthiez VTL** with 72-inches under the rail and a 30,000-pound table weight capacity; a unique, **56-inch Bullard Cut Master VTL** that can machine 84-inches under the rail, providing a 30,000-pound table weight capacity and a **5-inch Lucas CNC Horizontal Mill** with four axis machining capability.

This shop is a machinist's dream, and we invite you to take it for a spin.



180-inch Gray Vertical Turret Lathe (VTL)



56-inch Bullard Cut Master VTL

Advanced engineering is the foundation of everything we build, including our new machine shop.

Our largest and most advanced machine shop is right under our feet. If you've worked with TAW before, you shouldn't be surprised to learn that a substantial amount of engineering went into designing the foundation of our new machine shop. **We made sure the structure was engineered specifically for housing heavy duty, high tolerance equipment.** The foundation required nine separate concrete pours and more than 30 pilings driven under the crane supports. Isolation pads were installed for each slab to totally isolate each machine from any outside influence that might cause a disruption or distortion during the machining process. We have 18,000 pounds of rebar in the slab, and the concrete is rated to 5,000 pounds per square inch in lieu of the standard 3,000 found in most buildings.