

MANUFACTURING CAPABILITIES



At ACCURA GLOBAL-TECH, we are equipped with state-of-the-art machinery to ensure precision and efficiency in our manufacturing processes. Our advanced equipment allows us to meet the rigorous demands of various industries, from aerospace to medical applications.

STM VFX 400 – 5th axis MILLING



The STM VFX 400 is an advanced 5-axis milling machine designed for precision and versatility in machining complex parts. With travel dimensions of 600mm in the X-axis, 520mm in the Y-axis, and 600mm in the Z-axis, along with a 400mm rotary bed diameter, it handles large and intricate components effortlessly. Its full 5th axis capability reduces the need for multiple setups, enhancing efficiency and productivity. The robust construction ensures high precision and superior surface finishes, while the sophisticated control system supports advanced programming and real-time feedback. Ideal for aerospace, automotive, and precision engineering, the STM VFX 400 offers increased productivity, enhanced quality, and cost efficiency, making it a valuable asset for any manufacturing operation.

STM VD 1050 WITH 5th AXIS ROTARY TABLE ATTACHED

The STM VD 1050 is a high-performance milling machine equipped with a 5th axis rotary table with a 200mm diameter, providing exceptional precision and versatility. Its travel dimensions of 1100mm in the X-axis, 650mm in the Y-axis, and 600mm in the Z-axis allow for the efficient machining of large and complex parts. The 5th axis capability reduces the need for multiple setups, enhancing productivity and accuracy. This machine is ideal for industries requiring detailed and intricate component manufacturing, offering significant benefits in terms of efficiency, quality, and flexibility.



MANUFACTURING CAPABILITIES



STM VD 1050 3 AXIS MILLING

The STM VD 1050 is a high-performance milling machine designed for precision and versatility. With travel dimensions of 1100mm in the X-axis, 650mm in the Y-axis, and 600mm in the Z-axis, it efficiently handles large and complex parts. The robust construction ensures high precision and superior surface finishes, making it ideal for various industries, including aerospace, automotive, and precision engineering. This machine enhances productivity and accuracy, offering significant benefits in terms of efficiency, quality, and flexibility for all your milling needs.



4 No's of STM VD 850 3 AXIS MILLING

The STM VD 850 is a robust 3-axis milling machine designed for precision and efficiency, with travel dimensions of 850mm in the X-axis, 510mm in the Y-axis, and 510mm in the Z-axis. This machine setup includes four units, enabling high-volume production and versatility in handling a wide range of milling tasks. Ideal for industries requiring detailed component manufacturing, the STM VD 850 offers significant benefits in terms of productivity, accuracy, and quality, making it a valuable asset for any manufacturing operation.



INSPECTION CAPABILITIES



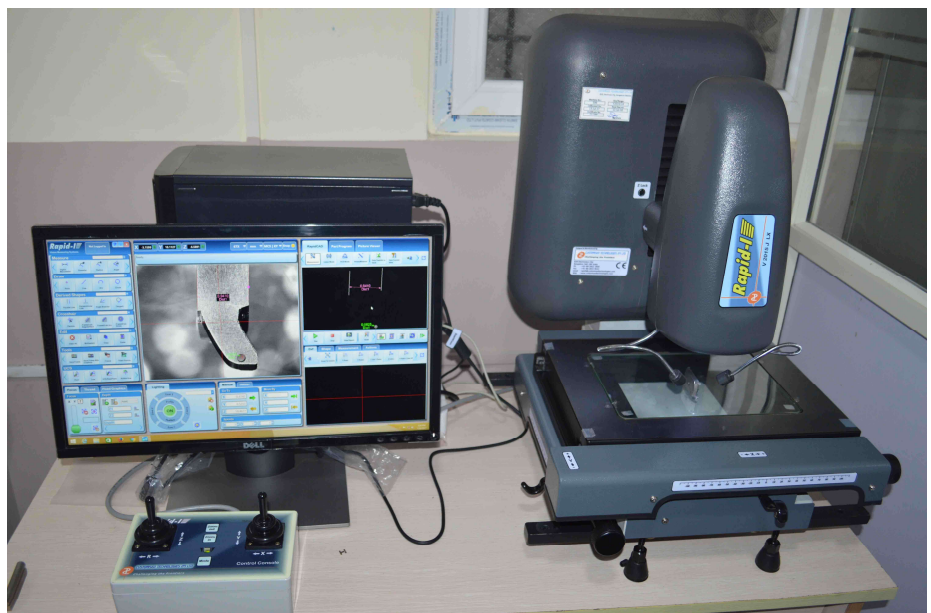
WENZEL X087 CMM



The Wenzel 5-axis CMM (Coordinate Measuring Machine) features travel dimensions of 800mm in the X-axis, 1000mm in the Y-axis, and 700mm in the Z-axis, offering precise and comprehensive measurement capabilities for complex parts. Equipped with advanced CMM programming software, QUARTIS, it allows for high accuracy and flexibility in inspecting intricate geometries. QUARTIS enhances the efficiency of the measurement process with its user-friendly interface and powerful features, ensuring that all components meet stringent quality standards. This advanced CMM, combined with QUARTIS software, is essential for maintaining exceptional product quality and optimizing your quality inspection process.

RAPID I VISION MEASURING SYSTEM

The Rapid I Vision Measuring System is a cutting-edge tool used for precise measurement and inspection tasks in manufacturing. It relies on advanced optical technology and software to quickly and accurately analyze images of parts, making quality control processes faster and more efficient.



INSPECTION CAPABILITIES



MAHR CL 816 MICRO HEIGHT GAUGE



The Mahr CL 816 Micro Height Gauge is a precision instrument renowned for its micron-level accuracy and user-friendly interface, making it ideal for various measurement tasks. Its advanced features and robust construction ensure consistent reliability, enhancing the efficiency of quality control processes in manufacturing environments.

In addition to the VMS, CMM & MICRO HEIGHT GAUGE, our arsenal includes a comprehensive array of precision measuring tools from Mitutoyo, including analog and digital vernier calipers, digital micrometers, depth micrometers, bore gauges, slip and block gauges. Furthermore, our inventory boasts a range of 10-micron pin gauges up to 10mm, as well as radius gauges and standard thread gauges, ensuring meticulous accuracy across diverse measurement requirements.