

# MASTERS OF INNOVATION: MACHINE BUILDERS

**interface**  
FORCE MEASUREMENT SOLUTIONS.

*Machine builders rely on precision measurements in designing and constructing tools, machines and systems used to optimize performance and monitor safety. Load cells, torque transducers and instrumentation help to fine tune equipment for maximum efficiency. As new technologies are introduced into manufacturing, machines need sensors to provide real-time feedback. This data is vital in automation and refining machine designs that enhance reliability and meet stringent performance standards for the tools and systems they build.*

Machine builders require the best test and monitoring equipment. Interface has backed professional machine builders, machine design engineers, machine manufacturers and those that utilize the equipment for many years with top-of-the-line force sensing solutions.

Today, more machines builders and OEMs are designing force sensors directly into machines to allow users to activate components, monitor data on the machines in use for real-time feedback and adjustments. This type of innovation using sensors has opened opportunities for Industry 5.0 connectivity between machines.

The global machine tools market size is anticipated to reach \$137.43 billion by 2030, to expand at a CAGR of 5.7% from 2023 to 2030. The US Machine Tools Market size is estimated at \$11.85 billion in 2023, and is expected to reach USD 13.99 billion by 2028.

Machine building is making a dramatic shift from machine-based assembly lines to smart factories using robotics, the Internet of Things (IoT), data analytics, sensor-based technologies. Interface plays a pivotal role in this transformation.



Interface force measurement solutions are used for CNC machines, injection molding machines, presses, lathes, drills, saws, milling and grinding tools. Machine builders can trust interface to provide the right solutions for your specific machining application.



Interface Machine  
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