

RETROFITTING EQUIPMENT FOR MANUFACTURING

interface
FORCE MEASUREMENT SOLUTIONS.

Force sensors are utilized in both testing and monitoring of a wide variety of machines to ensure accuracy and repeatability throughout the production lines in manufacturing factories. Interface offers manufacturing and production standard off-the-shelf, engineered to order and complete OEM solutions including load cells, instrumentation and weighing devices. Our products provide the quality and durability necessary within industrial environments, and we can even customize the majority of our products to fit unique and evolving needs for sensor technologies like robotics and advanced manufacturing devices.

Over the next decade, 4 million manufacturing jobs will likely be needed, and 2.1 million are expected to go unfilled if we do not inspire more people to pursue modern manufacturing careers.

Interface is focused on our contributions economically, by supporting innovation and job growth through a robust manufacturing role in the production of the world's leading force measurement solutions.

Interface products are playing a big role in manufacturing automation, especially in the design and development of robotics that use measurement in performance. These manufacturing robots and cobots boost productivity, enhance quality and improve safety across all types of facilities.

Including indirect and induced impacts, for every \$1.00 spent in manufacturing, there is a total impact of \$2.69 to the overall U.S. economy.

Interface began designing and manufacturing load cells and other force measurement equipment in 1968. These precision load cells are commonly found in factories around the world in testing equipment, scales, machines and production line devices. Load cells help to bring life to older machines, with accurate measurements while in use, ultimately improving maintenance and worker safety in manufacturing.

Global manufacturing is valued at \$19.9 trillion. Interface works with a large range of manufacturers and equipment makers to improve quality and productivity by supplying high-performance measurement solutions. From using miniature load cells to apply the exact force needed to press a brand identity onto fragile consumable, to using multi-axis sensors for verifying performance data when making intricately machined parts, Interface products are commonplace in manufacturing and production.

Manufacturers require modern tools and equipment to keep pace with growing demands. Interface Sensors are used to retrofit machines and update tools with sensor-based technologies, such as replacing machine pins with load pins that can measure loading and lifting in real-time.

