

New Position Control Torque Arm System

The new touch screen position control torque arm system by Mountz will improve and automate the fastening process while reducing manufacturing costs.

SAN JOSE, CA, USA, January 19, 2016 /EINPresswire.com/ -- Mountz, Inc. introduces a new position control torque arm system that will improve and automate the fastening process while reducing manufacturing costs. The new position control device is compact and an easy-to-use [touch screen](#) display solution. The position control touch screen device provides a fast and intuitive interface for engineers to program. It saves valuable manufacturing

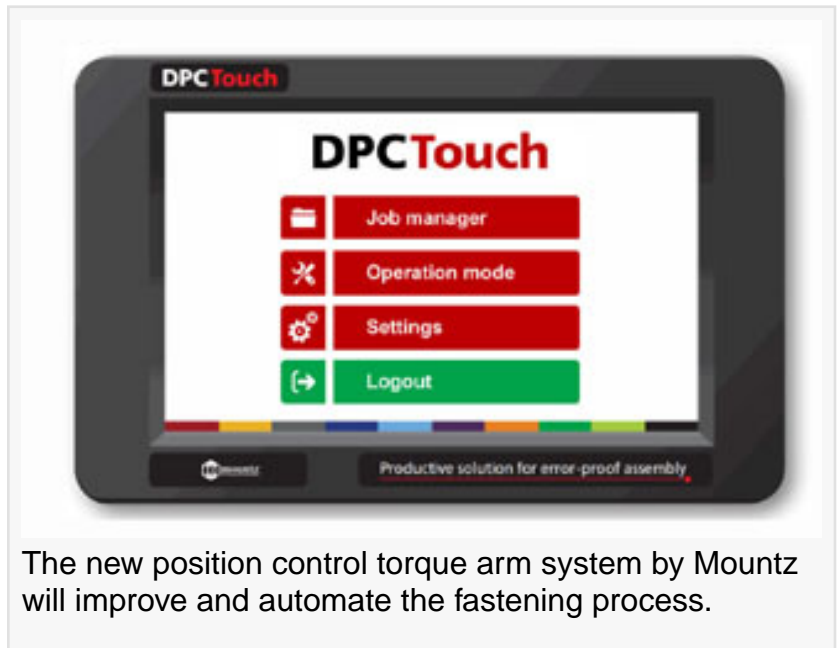
space and simplifies the interactions for engineers. Durable and dependable the error proofing system features an automation device management system and incorporates the latest in screw counting technology. The position control torque arm system helps manufacturers detect and eliminate costly screw-fastening errors during the assembly process.

The Mountz [position control system](#) is designed to reduce the risk of improperly fastened screws, ensuring that every screw is in the correctly tightened in the correct sequence. A good tightening sequence ensures that an even preload distribution is achieved in the joint. Using a position control system is like putting the eyes and ears of a quality control manager where they are needed most - right on the assembly area.

The position control system consists of a torque arm equipped with an encoder and a position control device. The touch screen position control system is used for programming and to track the movement of the position control torque arm. Mountz offers the [position control torque arms](#) in various configurations, like a table mounted articulated arm system or a telescoping arm that is mounted above the assembly area. These torque arms are suitable with most air tools, electric screwdrivers and DC control systems. The torque arm can also interface with most intelligent driver systems that store multiple torque programs with external digital I/O control. The Mountz position control torque arm provides a smooth, flexible range of motion as the arm absorbs torque reactions from clutch, stall and other electric & pneumatic screwdrivers.
(more)

Articulated Torque Arms

This style of arm provides a smooth flexible 360° range allowing quick rundown of multiple fasteners on an application. With the ability to bend like an elbow, the arm provides the agility to position the tool in a variety of positions for different applications. The economical arm can adapt for a variety of different tools (pistol grip, angle nutrunners, inline electric & pneumatic screwdrivers) by simply



switching the tool clamp. The versatile torque arm includes an in-line driver clamp. But other tool clamp options are available and sold separately.

Telescoping Torque Arms

Crafted with lightweight durable carbon fiber the torque arm collapses like a telescope. The telescoping torque arms are easy-to-use, require little space and don't disrupt production flow. This torque arm features models with an operating length that can extend up to 6 1/2 feet. The ergo arm are ideal for assembly lines like automotive, aerospace and appliance manufacturing where space is a premium and operator safety is mandatory. Assembly tools can be mounted to a telescoping torque arm and hung above to a fixed rail system or a trolley system.

Mountz Torque Arms

The ergonomic design of the Mountz EZ-Glider torque arms reduce RMI (repetitive motion injury) and CTS (carpal tunnel syndrome). The effortless handling of the torque arm provides comfortable tool operation and increased production. The Mountz torque arm eliminates torque reaction of power and pneumatic tools.

Using an ergonomic torque arm makes a safer world through accuracy and precision. Position control torque arms ensure fasteners are tightened in the proper sequence and they improve the assembly process. Sequence based fastening is critical to ensure proper process control and a quality fastening result for many assembly applications. An encoded torque arm is an ideal manufacturing tool because it guides an assembly operator's sequence and provides feedback if done incorrectly.

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