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For Immediate Release

Introducing the BF-Series Brushless Electric Torque Screwdrivers

Mountz E-DRIV ESD Electric Torque Screwdrivers Save Money and Improve Quality

San Jose, Calif., – Mountz, Inc. introduces the BF-Series, a new line of brushless electric torque screwdrivers as the premier assembly tool in the Mountz E-DRIV brand of power tool products. Designed for high production environments, the E-DRIV BF-Series feature a high performance brushless motor design that provides durability and reduces the standard maintenance costs for electric screwdrivers. Additionally, costly mechanical micro switches have been eliminated in the BF series in favor of non-contact magnetic sensors.

In addition to lower maintenance costs, the BF tool is ESD certified, ensuring less than 1 Ohm at the bit tip. ESD management in power tools ensures product quality, cost savings and a reduction in overall ESD failures. Manufacturing engineers involved with microelectronic products are aware of the importance of controlling Electrostatic Discharge (ESD) failures. Lapses in preventing the occurrence of electrostatic discharge can affect production yields, manufacturing costs, product quality, product reliability, reputation and profitability.

Static damage to electronic components can be realized as catastrophic or latent failures. Catastrophic failures are easier to detect and resolve. With this type of failure the part is “dead” and will not function. It may be costly to repair but is easy to manage. With latent failures the problem is much worse as the failure may not be detected in testing but is a “time bomb” waiting to happen. Since this product will get into the field and cause intermittent problems or failure in the field, it can be a much more costly problem.

The BF-Series features an Over Heat Protection (OHP) and Over Current Protection (OCP) that protects the electric screwdriver from damage or malfunction. The temperature detection powers down the unit and resets automatically when unit restores to acceptable levels. The BF-Series is designed with a LED display that signals the tool’s status for the operator to clearly view.

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Benefits of the versatile BF-Series are available in five styles for a variety of assembly applications.

The different styles of the brushless electric screwdrivers provide manufacturers flexibility and ability to select the proper tool for their application. The standard BF-Series models are available in "Push-to-Start" or "Lever-Start" configuration with various models covering a torque range of 0.3 - 10.4 inch-pounds.

Mountz offers a BF-Series "Plus" model that features a selectable Double Hit Mode for soft joint applications and a selectable Soft Start mode. When an electric screwdriver runs down a fastener and the tool clutches off once the preset torque is achieved there can be some joint relaxation that can occur. Joint relaxation is caused by the surface of part(s) embedding or by "soft parts" such as gaskets, plastics or spongy material, which collapses under the clamping force created in a torque condition. The clutch of the BF-Series "Plus" electric screwdriver works twice at the set torque under the "Double Hit" mode. The Double Hit will increase the repeatability accuracy at the target torque by double-checking. The "Soft Start" mode is for applications that require the power tool to slowly ramp-up to its operating speed, perfect for plastic or sensitive applications. There are 3 different time settings for the Soft Start mode, which are (0.2, 0.4 & 0.6 seconds).

The innovative BF-Series "Soft Stop" model is designed for sensitive applications with a low torque specification. Built with a precision "Soft-Stop" clutch these power tools decrease the impact and vibration transmitted in the screw fastening processes. The "Soft Stop" models prevent shock to sensitive assemblies like disk drives, plastics, ceramics and other electronics.

There are two additional BF-Series models. A "Time Control and Auto Reverse" model allows the operator the ability to set the start, stop and operating direction of the brushless electric screwdriver. This power tool model is ideal for installation of helically wound inserts, light tapping or gauging applications. Then there's a "Speed Control" BF-Series model, which let's the operator adjust the RPM directly on the tool. The selectable RPM settings are 300-700 RPM.

Mountz electric torque screwdrivers are designed for precision torque control and have become the state-of-the-art in innovative assembly.

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About Mountz, Inc.

San Jose, California based Mountz Inc. produces a wide variety of torque tools, including torque analyzers, torque testers, torque sensors, torque wrenches, electric screwdrivers, torque screwdrivers, torque multipliers, assembly tools, screw counters, balancers and special torque applications.

Over the last 40 years, Mountz Inc. has proven its in-depth knowledge of torque solutions by consistently developing and producing as well as marketing and servicing highly sophisticated, cutting-edge tools. Mountz Inc., known among members of the industry as the nation's premier torque tool supplier, is an ISO 9001 registered company. Mountz Inc. offers tools that comply with ISO6789:2003 and are constructed from high quality materials, engineered for superior reliability and safety and backed by a standard warranty.

For more information website at www.eturque.com

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