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## **New control technology from Weber boosts performance of automated screwdriving systems**

A new and innovative control system for use with Weber automatic screwdriving equipment, developed for a wide range of robotic and automated production lines, has been launched by Weber. Called the C50S, the new technology gives line engineers complete control of all screwdriving parameters, with the ability to create an almost infinite variety of programs incorporating a wide range of key operating characteristics including torque, insertion speed and time, and angle and depth of insertion.

In addition, the new C50S can be used as a complete control platform from which to operate a variety of ancillary equipment required for the process of screw, rivet and nut insertion, and has been developed for use with all Ethernet, Profibus, and CAN bus I/O systems. Perhaps as importantly, the C50S has been designed to be simple to setup and operate, with clear on-screen menus and Windows based dialogues and graphical displays allowing line engineers and managers easily to create control and automation programs.

Similarly, the system provides comprehensive monitoring and diagnosis functions, with the option of displaying multiple channels simultaneously, with each channel appearing in a dedicated window. The C50S can also be used with a standard web browser, enabling it to be configured and interrogated remotely by any laptop or PC with .net support installed, and also offers support for multiple languages.

The C50S allow complex automation programs to be created with up to 25 independent process steps. Programs can be tested and monitored on-line or downloaded for separate analysis, with a range of statistical data functions being provided as standard.

The new C50S is a modular system, comprising a compact control cabinet with optional touch screen display unit, which can be located remotely for ease of operation. The system is backed by comprehensive technical and applications support from Weber, with the company also offering a custom programming service.

For further information contact Gary Fagg, GPF Automation & Services Ltd

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