

Topcon ReadyPave, MasterPave, AutoPave

Topcon Europe Positioning and TSD have announced a new family of automated paving control systems. The three new systems: ReadyPave, MasterPave and AutoPave; all feature easy-to-use, automated controls with millimetre accuracy.

The new systems utilise an array of new sensing technologies including the new dual sonic and Quattro ultrasonic sensors, advanced slope sensing technologies, laser scanning products and Millimeter GPS controlled systems. All three automated paving systems will be available before the end of the year.

ReadyPave is an economical system for pavers and profilers, designed with the smaller pavers in mind. The hand receiver provides an integrated LCD display for real-time grade information. This feature allows the operator to make any necessary corrections. In addition to being able to be utilised in configurations of multiple sensors averaging beams, the sensor technology allows measure grade as close as 35 centimetres from the ground.

The new any-job automatic control system for pavers and profilers, MasterPave is designed for medium and high range pavers. The MasterPave system provides the following features:

- “ Unprecedented grade control with Quattro grade technology using a four-headed sonic sensor

- “ Stability of measurement and resistance to vibrations

- “ Industry-leading measuring accuracy

- “ LED visual indicators for all components, combined with a backlight graphical control panel for optimum visibility “ at night or in bright sunlight

- “ Rugged, easy to use and compact design

- “ Easy transport and mounting

- “ Full compatibility with products from the former System V range

- “ New advanced grade sensor design allows operation as close as 14 cm from the ground.

- “ New CanBus communications between the various elements of the system.

Utilising Topcon Millimeter GPS technology AutoPave is the most automatic and advanced control system for pavers and profilers. AutoPave features include:

- “ Stringless, 3-D paving control

- “ Completely automates the paving process

- “ Offers Millimeter GPS vertical and horizontal screed positioning

- “ Can be installed on asphalt or concrete pavers

TSD Integrated Controls was founded in 2001 as a Joint Venture Company between Topcon Positioning Systems and Sauer-Danfoss, a company in hydraulic and electronic component technologies.