

PAVER READY PAVE CONTROL



ready
pave



Affordable, easy to use screed control system

- Stand-alone system
- More versatile single handheld control
- Simplified operator interface
- Multiple plug-and-play sensor options
- New dual sonic sensor
- High accuracy slope sensor

It's time.

Topcon's ReadyPave System is the entry-level automatic leveling system for asphalt pavers and has been designed with smaller pavers and quick jobs in mind; while providing the improved efficiency and accuracy of an automatic control system at an affordable price point.

The operator controls have been carefully designed and engineered based upon years of industry experience. This ergonomic and durable design allows for easy transport, installation and use on the job with minimal training required.

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Most importantly, this product has the same accuracy and reliability that you have come to expect from Topcon automatic leveling systems while maintaining the simplicity of operation that makes Topcon products the leaders of the asphalt paving industry.

Don't let the simplicity of ReadyPave fool you; ReadyPave is a very accurate and reliable leveling control system. The innovative dual-head ultrasonic design has been incorporated into a compact grade sensor that is easy to install, mount and use.

This advanced sensing technology allows you to measure grade as close as 203 mm (8 in) from a surface, while having the ability to sense from as far away as 686 mm (27 in).

Experience a ReadyPave automatic levelling system, the most simple and easy control system the industry has ever seen.



A combination of reliable, ruggedized components, unmatched innovation and performance.



ReadyPave Handset Controller

- More versatile single handheld control
- Simplified operator inter face
- Programmable sensitivity, deadband, working window
- Multiple sensor options



ReadyPave Slope Sensor

- High accuracy
- Indication LED
- Rugged cast housing



ReadyPave Dual-Head Grade Sensor

- New dual sonic sensor
- High frequency transducer
- Temperature compensation
- Multiplex up to 4 sensors (SAS)



High reliability and accuracy

This powerful sensing technology combined with a blazing fast sampling rate ensures high reliability and accuracy even in the most extreme conditions, including side wind. The dual ultrasonic sensor also allows for interchange of the temperature bail facilitating easy installation, use, and maintenance of the system over years of operation.

Feeder control - add on

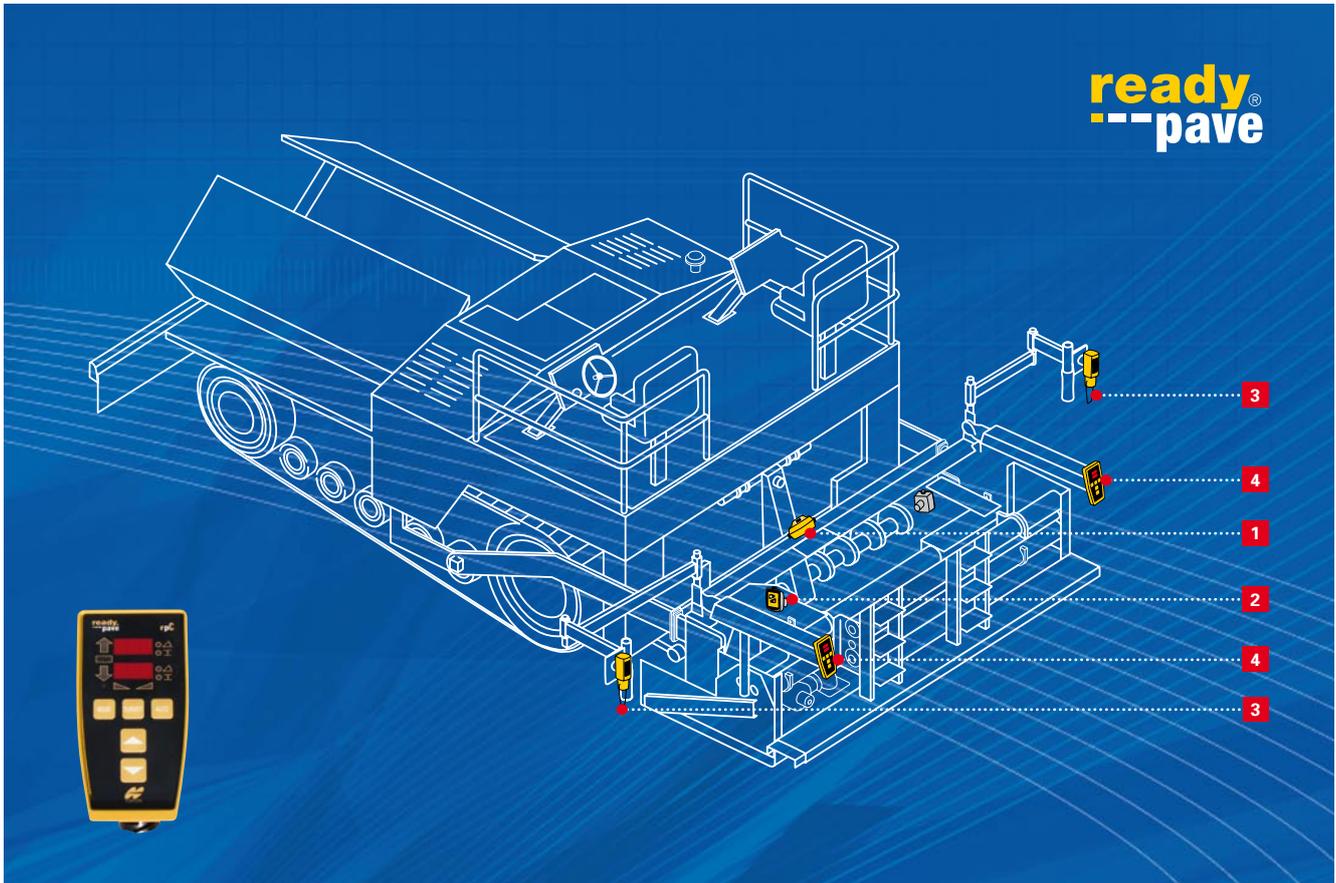
Topcon's Sonic Feeder Sensors feature an environmentally sealed body and field replaceable transducer. Two models to choose from, auto controlled for machines with auger control interfaces and switch controlled for pavers without interface boxes.

Topcon's Sonic Feeders - Experience cost effective feeder control that makes sense.



ReadyPave screed control system for paver

The ReadyPave grade and slope control system provides maximum flexibility with the benefit of an affordable price.



- | | |
|------------------------------|-----------------------|
| 1 Slope sensor | 3 Sonic sensor |
| 2 Sonic feeder sensor | 4 Control box |

Basic screed control system

Real time feedback is provided from our new grade sensor, using a reference indicator panel to display the current grade and allowing the operator to make the necessary corrections with the touch of a button to ensure a smooth professional finish to every job.

The ReadyPave system is controlled and monitored using a newly designed handset,

providing operators advanced functionality incorporated into an ergonomic design.

Easy to read high-contrast LED indicators are highly visible in direct sunlight while quick access push buttons bring adjustments to your fingertips.

Adjusting your paver on the job has never been so easy.



It's time.

The Leader in Positioning Technology...

Topcon offers positioning products that deliver unparalleled site-wide performance and integration. Topcon's history of technological advances and our reputation for superior reliability means there's no other company positioned to provide you with a better "Total Positioning Solution."

From survey to inspection Topcon, through our dealer network, provides the innovative technology that gives surveyors, civil engineers, contractors, equipment owners and operators the competitive edge by addressing such critical issues as increasing profits, quality craftsmanship, improving productivity, lowering operating costs and enhancing job site safety.



Full positioning integration field-to-finish: That's the goal of Topcon. When it's time for you to step up to the next level, it's time to turn to Topcon.

The Leader in Customer Satisfaction...

To ensure that your Topcon instruments maintains peak performance, your local Topcon dealer offers factory trained and certified service technicians. If service isn't available in your area, our European Service Center offers a repair and return policy second to none.



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Highest precision with mmGPS

Topcon's industry-leading Millimeter GPS precise positioning technology has been expanded into the paving industry, creating the world's first 3D-GPS+ control system for pavers, profilers and trimmers.

Topcon's unique technology provides a significant enhancement in the vertical precision of RTK GPS. The technology, known as Laser Zone™, is used by hundreds of companies worldwide to generate a vertical accuracy to within a few millimeters as compared to the centimeter vertical accuracy of conventional RTK GPS.

Utilized on pavers, the Millimeter GPS technology incorporates a unique zone-beam laser transmitter, the PZL 1, which sweeps a 600m area with a 10m high wall of laser light. A compact sensor, the PZS MC, is mounted on a mast which is attached to the toe arm of the paver. Any time the PZS-MC sensor is positioned within the laser zone signal, the system provides millimeter vertical precision.



Millimeter-accurate GPS can be utilized for setting out or checking grade behind the paver as well. By simply combining the Laser Zone technology with any Topcon RTK GPS rover along with the same PZL-1 transmitter you get the same high precision vertical control anywhere on the project.

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Your local authorised Topcon distributor is: