



EQUIPMENT AUTOMATION

TOPCON



Single System 5 Control Box

- Large, backlit grade LCD
- Bright LED's display continuous grade information
- Simple pressure switch and grade knob operation
- Performance settings with secure access to tailor system to your paver.
- Upgradeable flash memory from a PC or laptop.



The next generation of simple-to-operate, upgradeable, completely compatible grade control for your asphalt paver from Topcon.

If you currently use Topcon's System Four, now is the time to move-up to a new level of production. If you haven't tried a Topcon system, here's your chance to get a competitive edge like you've never experienced. An advantage your competition probably already enjoys.

efficient

It's been proven for nearly two decades that Topcon systems provide higher production at tighter tolerances than any other system available. That's why they're the industry standard.

flexible

Using stringline, existing surface, laser transmitters? Topcon's paver system gives you a wide range of plug-and-play components to work the way you want. Sonic or Laser elevation and slope, slope only, or even dual elevation, there's no limitations with System 5. It's even 3D compatible!

profitable

Although there's many factors that can make or break a profitable paving job, the two constants are material usage and smoothness. System 5 makes sure the material you calculate is the material you'll use, with favorable smoothness ratings that will surprise even the most skeptical inspector.

Paver

System 5 & Smoothtrac®

Sonic Averaging System



ISO 9001:2000
FM 68448

TOPCON

for more information on this or other Topcon products visit

www.topcon.com

7400 National Dr.
Livermore, CA 94551
Phone: (925) 245-8300

Specifications subject to change without notice

© 2005 Topcon Corporation All rights reserved.

P/N: 7010-0131 Rev. E Printed in U.S.A. 02/05

Get the best of both world's...
The superior mat of an averaging
ski, the flexibility of sonics.
Topcon's Smoothtrac®



Now there's a way to take the drag out of drag skis, Topcon's Smoothtrac non-contacting sonic averaging system. It replaces your 30' mechanical ski with four Sonic Tracker II's. Back-up or turn-around, Smoothtrac puts the maneuverability back in your paver.

convenient

How much time do you spend setting-up and tearing down your current ski? Smoothtrac's lightweight aluminum ski assemblies in minutes, and breaks down in to three pieces that fit easily in to a standard 8' truck bed.

seamless

Completely Topcon System 4 and System 5 compatible, you don't need to buy anything extra. Smoothtrac mounts using existing Sonic Tracker mounts. just plug the cable into your control box and you're on your way.

better

Return your paver to its peak performance. There's no skis to clean or fix. In fact, because it's non-contacting, you can pave on curves, over joints, turn around and back-up. All those things you wish you could do with your current ski. Above all, Smoothtrac has established a history of providing smoothness and rideability numbers unmatched by drag ski (see "Performance? We've got the proof!").

Single System 5 Control Box



- Large, backlit grade LCD
- Bright LED's display continuous grade information
- Simple pressure switch and grade knob operation
- Performance settings with secure access to tailor system to your paver.
- Upgradeable flash memory from a PC or laptop.

Sonic Tracker II® "out-of-the-way" mount



Smoothtrac uses four Sonic Tracker II's. Three face the rear of the paver, while the rear-most Sonic Tracker II faces forward for easy viewing by the screed man. All four are hinge mounted allowing easy out-of-the-way storage when they're not being used.

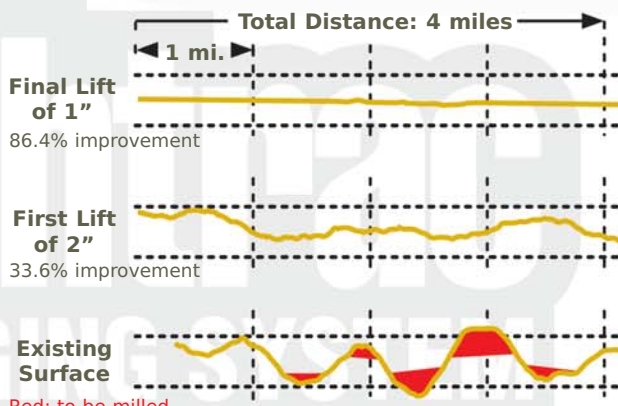
Heavy duty, not heavy weight

Constructed of heavy gauge aluminum, Smoothtrac handles vibration and jarring inherent in paving, yet the components are light enough to be carried and assembled by a single person. It also folds to 1/3 its length when not in use, and breaks down to 8' sections.



Performance? We've got the proof!

Below is a portion taken from a State certified longitudinal section profiligraph. Though milling was originally recommended (shown in red), none took place.



Information is based on data gathered using a state certified profiligraph. Because profiligraph systems, materials, and conditions differ by region, your results may vary.



Paver System 5 Components

Sonic Tracker II®

- High-resolution for versatile performance. Perfect for references such as:
Elevated string
Surface string
Poured curbs
Existing surface



Slope Sensor



- 100% slope capable with exclusive anti-slosh ceramic technology.
- Rugged cast housing with completely sealed electronics

- Rugged cast housing with completely sealed internal electronics
- Easy mounting and positioning.
- Bright LED's display continuous grade information

Exclusive Paver System 5 Features:

- Proven to enhance rideability. System 5 removes the stabbing and cranking that can cause scalloping and uneven mats.
- Superior control of materials. Remove the unpleasant surprises from your jobs, use only the amount of asphalt calculated.
- Increase your production rates. System 5 automatic control means you can keep things moving with confidence. Keep starts and stops to a minimum, keep paver speed at a maximum.
- Topcon's Paver System 5 is compatible with all major models of asphalt pavers.

Laser accurate alternative



For parking lots, runways, or any large area, Topcon offers the 9130 laser receiver and RT-55a laser transmitters. Simply replace the Sonic Tracker II with the 9130 laser receiver, set the RT-55 to the desired slope, and you're laser accurate from start to finish



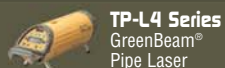
Feed control that makes sense

Topcon's new Sonic Feeder Sensor is designed for long life with it's environmentally sealed body and field replaceable transducer. So when the grit and grime fouls the sonic transducer, you just replace it, not the whole sensor. You're back in control at a fraction of the cost.

Make the next time you replace a feed control sensor the last time. Switch to Topcon Sonic Feeder Sensors. It's feed control that makes sense.



Your local TOPCON Dealer is:



TP-L4 Series
GreenBeam®
Pipe Laser



HiPer Lite+
Cable-free integrated
RTK GPS+ receiver



GTS-230W
Wireless
Total Station



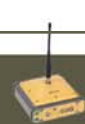
FC-100
Compact Windows CE®
field controller



System Five-3D
Windows CE® based
3D control box



RL-H3CL
Long range
laser



HiPer+
Wireless GPS+
Receiver