

## 3D-GPS Positioning – Millimeter Accurate Paving



- High Accuracy Grade Reference Covers Entire Project - Eliminates Stringline
- Provides Precise Vertical Measurement for Multiple Machines and Grade Checkers
- Use up to Four Transmitters to Extend Work Area
- Pave Transitions, even through Horizontal and Vertical Curves
- Works with Existing Topcon GPS Systems

## Field Proven Components



Topcon's Millimeter GPS Paver System combines the field proven components of Paver System Five with the rugged, high-accuracy Millimeter GPS instruments and sensors. Mounted on the paver is the operator's interface to Millimeter GPS Paver System, the GX-60 control box. Able to control the two tow point cylinders independently the GX-60's color, graphical screen displays machine position on the job, and the sensors being used to control the left and right side of the screed, and current elevation and slope.

## Topcon TotalCare

This online resource comes with real live people ready to help. Get expert training from Topcon University's large collection of online materials, and expert help directly from Topcon Technical Support.

Access software and firmware updates, current publications, and guidance from the experts at Topcon all right from your computer or mobile device.

Please visit the TotalCare website to learn more.  
[topcontotalcare.com](http://topcontotalcare.com)



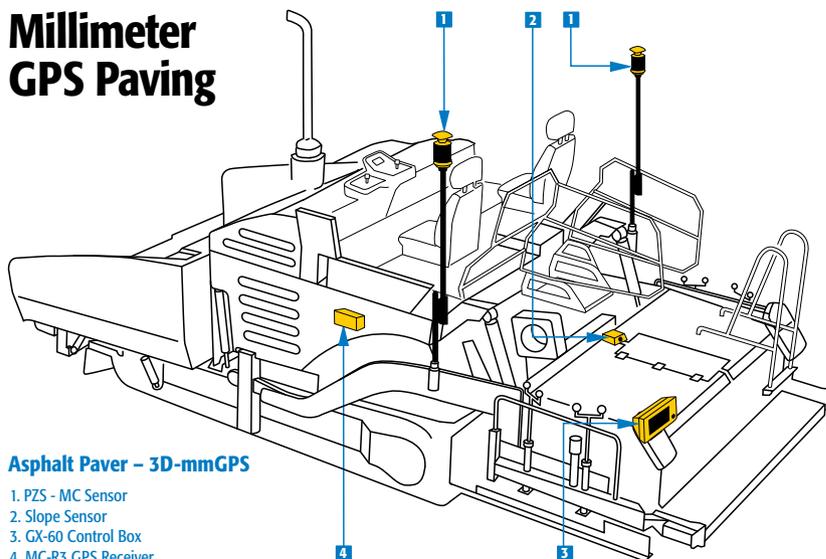
7400 National Drive • Livermore • CA 94550  
(925) 245-8300

Specifications subject to change without notice. ©2013 Topcon Corporation  
All rights reserved. P/N: 7010-2034 Rev. B TF Printed in U.S.A. 2/13

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Topcon is under license. Other trademarks and trade names are those of their respective owners.

## PRIMARY FEATURES

### Millimeter GPS Paving



#### Asphalt Paver – 3D-mmGPS

1. PZS - MC Sensor
2. Slope Sensor
3. GX-60 Control Box
4. MC-R3 GPS Receiver

#### Free from stringlines

Topcon's Millimeter GPS Paver System is the World's First GPS based millimeter accurate control for pavers. Topcon's revolutionary Lazer Zone™ technology based Millimeter GPS uses GPS positioning together with a zone laser reference to give you unparalleled freedom and productivity.

Topcon's PZS-MC Positioning Zone laser receiver with integrated GPS antenna is mounted to the tow arm on the left and/or right side of the paver. Other components on the paver include Topcon's MC-R3 GPS receiver and a slope sensor or Sonic Tracker II® for slope or elevation control of the screed opposite the PZS-MC sensor.

#### Lazer Zone™

Topcon's PZL-1A with revolutionary Lazer Zone™ Technology operates similar to a

standard rotating laser, transmitting a unique laser signal. Unlike a standard rotating laser that can only work in a flat plane, the PZL-1A transmits a revolutionary Lazer Zone™ signal that creates a measuring area 10 meters (33 feet) in height!

Positioned anywhere within the "Lazer Zone", Millimeter GPS Paver System's PZS-MC sensor instantly computes precise vertical information. No need to incorporate a moveable mast, the Lazer Zone™ Technology determines its elevation automatically. Even if your site has an elevation variance of 10 meters (33 feet), you never have to reposition your instrument or receivers! For sites with significant elevations or large areas, up to four PZL-1A Lazer Zone™ transmitters can be "linked" to cover a larger area and elevation change of over 130 feet!

#### Your local Authorized Topcon dealer is:

SYNERGY POSITIONING SYSTEMS  
3/52 Arrenway Drive, Albany  
Auckland, New Zealand

Free Call: 0800-867-266

Fax: +64-9-476-5140

Website: [www.synergypositioning.co.nz](http://www.synergypositioning.co.nz)

Phone: +64-9-476-5151

Email: [info@synergypositioning.co.nz](mailto:info@synergypositioning.co.nz)

