

TRIMBLE: THE CONSTRUCTION TECHNOLOGY STANDARD

Trimble provides the tools and support to let you integrate planning, design, site positioning, machine control and asset management information throughout the construction life cycle for more efficient operations and higher profits. Visit your SITECH technology dealer today to learn how easy it is to utilize technology that makes significant improvements in project workflow, dramatically increases your production, improves your accuracy and lowers your operating costs.

TRIMBLE PCS900 PAVING CONTROL SYSTEM FOR SLIPFORM PAVERS



NORTH AMERICA

Trimble Heavy Civil Construction Division
10368 Westmoor Drive
Westminster, Colorado 80021
USA
(Toll Free) 800-361-1249
Tel. +1-937-245-5154
Fax. +1-937-233-9441
www.trimble.com

EUROPE

Trimble Germany GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY
Tél. +49-6142-2100-0
Fax. +49-6142-2100-550

AFRICA & MIDDLE EAST

Trimble Export Middle-East
P.O. Box 17760
LOB18 1606 / 1607
JAFZ View
Dubai
UAE
Tél. +971-4-886-5410
Tax. +971-4-88 6-5411

ASIA-PACIFIC

Trimble Navigation Singapore PTE Ltd.
80 Marine Parade Road, #22-06
Parkway Parade
Singapore, 449269
SINGAPORE
Tél. +65-6348-2212
Tax. +65-6348-2232

CHINA

Trimble Beijing
20F, Central Tower, China Overseas Plaza,
No.8 Yard, Guang Hua Dong Li
Chaoyang District, Beijing, PRC
CHINA 100020
Tél. +86-10-8857-7575
Fax. +86-10-8857-7161
www.trimble.com.cn



YOUR SITECH® HEAVY CIVIL CONSTRUCTION TECHNOLOGY PROVIDER



no string no delays

It's time to kick stringline off your job site... for good.

Stringline delays your pour, it costs too much, and it's just too hard for your haul trucks to drive around. Every time it breaks, you have to stop the machine. Every time it sags, your surface suffers and so does your bonus.

Once you start paving with the Trimble PCS900 Paving Control System, you'll wonder how you could ever use string in the first place.

You'll start working faster every day. Your haul trucks can pull up and dump without driving around string. You'll stop less often, grind fewer problem spots and blow away your target IRI number.

Connect with your SITECH Technology Dealer to get started today.

MORE CONTROL. LESS WASTE.

Trimble® PCS900 Paving Control System for Slipform Pavers uses automatic steering and 6-way control of the pan to keep the paver exactly on the target alignment, grade and slope. The result is a more consistent concrete surface with better rideability and a bigger bonus – without the time and cost of string.

You'll see efficiency improvements through:

- Improved site logistics and safety
- On time delivery of mix
- Better yield
- Increased smoothness

ONE INTEGRATED WORKFLOW

The cost of concrete rework is too high to be working with multiple manufacturers and file formats. Using one integrated workflow from Trimble, you can be confident of the quality of your work, and stake your reputation on the results.

Pave to the 3D design, and your grade checker can work from the screed using a Trimble rover, the same 3D design model and total stations to verify the as-poured surface.

Plus, training and support from your local SITECH® Technology Dealer means you are never working alone.

FROM THE LEADER IN MACHINE CONTROL

Field-proven Trimble total stations, machine sensors and office software make the Trimble PCS900 Paving Control System the ideal choice for your stringless operations. It can be used on new or used slipform pavers, including those from GOMACO and Guntert & Zimmerman.

Trimble SPS930 Universal Total Station

The Trimble SPS930 Universal Total Station controls alignment of the machine and gives the system millimeter control over the pan. It works flawlessly in tunnels and overpasses, in tight corridors and over long distances.

Trimble Hot Swap

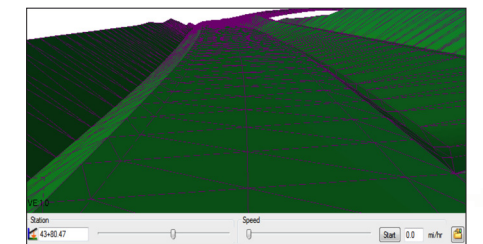
Trimble Hot Swap technology makes total station transitions faster and less dependent on manual intervention from the operator. It automatically maintains the same tolerance between total stations, ensuring a smoother surface at the transition point and reducing the need to grind problem spots.

Business Center – HCE Software

Data preparation for concrete paving projects is easy with Business Center – HCE software. You can create a 3D construction model and virtually "drive through" it to address any potential issues before you start paving.

Instruments used for guidance:				Target ID
UTS Status	Target	Distance	Power	Change Target
A Tracking	←	118 m	100 %	
B Tracking	→	251 m	69 %	Stop
Other Instruments:				Promote
UTS Status	Target	Distance	Power	Diagnostics
C Tracking	←	57 m	92 %	
D	Waiting for start	←	145 m	50 %
E Tracking	→	121 m	69 %	0.000 m
				0.000 m

Trimble Hot Swap keeps the paver moving



Business Center - HCE virtual drive through

