

Blade Pro Motorgrader Control System



THE PROVEN WAY TO
FINISH FASTER



BladePro

With Unmatched Versatility, BladePro Tackles All Your Application Needs... On Every Job... Every day

And surpasses even the toughest accuracy requirements. For many years now the balancing and fine grading operations of your projects have had a significant effect on your bottom-line. BladePro® provides greater control of these operations for increased productivity and improved yields.



Rough Grading

Slope control is difficult during rough grading operations and can cause costly delays on the entire job. BladePro "slope only" mode allows you to spread or cut material at the correct slope under the worst conditions at normal operating speeds.

Fine Grading

Adding a Laser Tracer™ or Sonic Tracer™ to the BladePro system gives you full automatic control of both slope and elevation. The Tracer follows a stringline, curb, or previous pass to give precise elevation control of the blade.

Building Pads

Using an optional laser receiver, electric mast, and rotating laser BladePro is ready to tackle any flat or sloping pads or foundations.

Airport Construction

Adding a second laser receiver/mast combination, BladePro eliminates stringlines on airport runways and taxiways. Using the laser as a reference you can work in any direction from one benchmark, day or night.

Upgrade to BladePro 3D

BladePro 3D is revolutionizing construction grading, providing automatic control of the blade's elevation and slope in three dimensions (XYZ). The system's capability allows grading of complex designs such as vertical curves, transitions, and super-elevated curves without stakes, stringlines or surveyors.



BladePro: Productivity That Pays For Itself.

On thousands of jobsites worldwide, contractors have discovered that BladePro systems easily return their investment by increasing productivity, improving yields, and eliminating operator errors. It has also given their company a competitive advantage as they are able to submit and win more profitable bids.

Jobs Completed On Time and Under Budget

- Double productivity
- Reduce material overrun
- Reduce labor costs
- Eliminate rework
- Minimize engineering costs
- Day or night operation
- Improve operator skills
- Worldwide factory support

BladePro Features:

- Cross coupling – provides smooth response without “duck walking”
- On-the-fly speed control – matches machine response to the job conditions
- Self-diagnostics – catches errors or faults before they impact your bottomline
- Anticipation – eliminates jerky blade movement allowing for faster grading

Innovative Features For Superior Control

For almost three decades, we've been synonymous with introducing productivity-enhancing technology for the construction industry. With the new Laser Tracer and BladePro 3D the tradition continues.

Upgrade to BladePro 3D

- Allows for precise grading of complex designs
- Graphical User Interface (GUI) – lets you take design data to the field on a card
- GUI screen – displays machine position and blade elevation in real time
- Compatible and flexible – existing BladePro systems are easily upgraded
- Simple operation – operators are proficient immediately

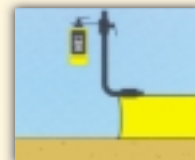
BladePro Tracer Systems Offer Unmatched Performance With Any Reference You Choose.



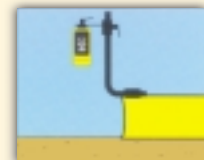
Stringline



Curb or Gutter



Previous Pass

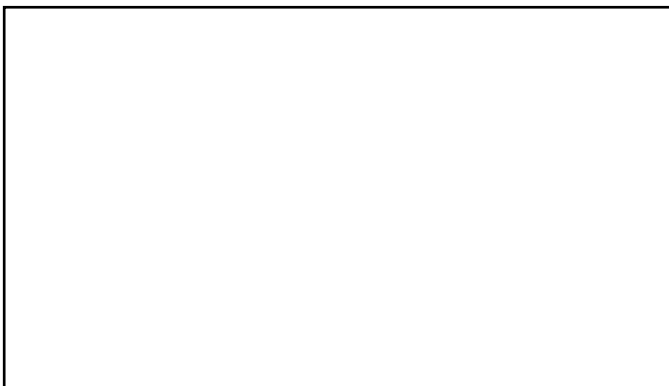
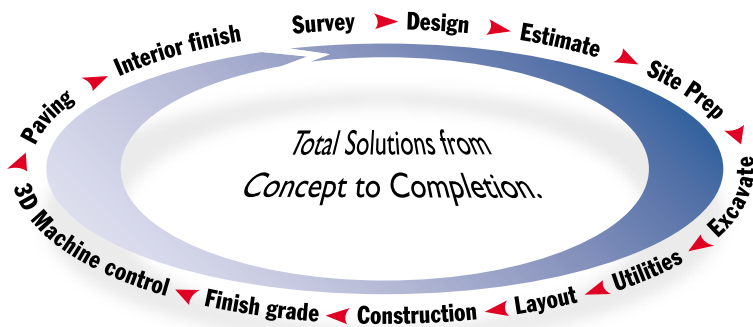


Existing Pavement

Total Solutions from Trimble

The construction industry is more demanding and competitive than ever before. Trimble, by combining with Spectra Precision, the pioneer of the machine control industry, helps you improve your process and productivity with the most complete range of earthmoving and grade control solutions. Trimble's innovative solutions are based on decades of construction industry experience in positioning technologies including laser, total station and GPS with control systems, wireless communications, and software. All this results in a line of rugged, field-proven products—from practical solutions for the general contractor to the most sophisticated machine control systems

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