

Trimble Grade Control Systems

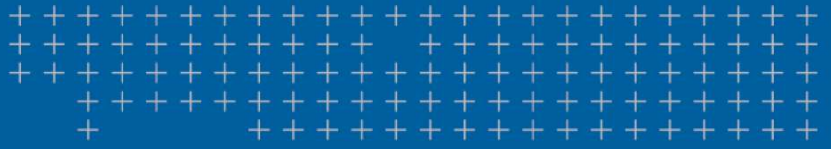
GCS900 2D for Motor Graders

Trimble offers the heavy and highway contractor the broadest range of Grade Control Systems in the industry. From 2D laser or sonic based to 3D GNSS or Total Station based, Trimble systems are rugged, easy to use, fully upgradeable, portable, and flexible to meet a wide range of application and jobsite requirements.

The Trimble® GCS900 Grade Control System with automatic blade control maximizes motor grader performance. Whether grading simple pads and slopes or complex design surfaces and alignments the operator can get to grade at high speeds, without sacrificing grade control accuracy or quality of the final graded surface.

Trimble GCS900 2D Grade Control System for Motor Graders

| Configuration | Application |
|---|---|
| Cross Slope - only | <ul style="list-style-type: none"> Road maintenance Road construction Sports fields Embankments Road ditches |
| Single or Dual Laser with Cross Slope | <ul style="list-style-type: none"> Small-to-large housing and building, pads Medium/large commercial sites Sports fields |
| Single or Dual Sonic with Cross Slope | <ul style="list-style-type: none"> Road construction Material balancing Highway construction and maintenance |
| Single Sonic or Single Laser with Cross Slope | <ul style="list-style-type: none"> Runways Embankments Road ditches |



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Key System Features:

- CB450 or CB460 full-color graphical control box with internal lightbars – 2D or 3D capable
- Simple cross slope-only configurations to combinations of single/dual laser and single/dual sonic tracers
- Lift and tilt automatic blade control control for controlling both the elevation and slope of the blade
- Angle sensors capable of 100% slopes
- Left and right auto/manual and offset switches
- On-machine components are portable between machine types, without software/firmware upgrades
- On-machine components are modular and can be added or removed depending upon application
- 3-5 mm (1-2/100's) vertical accuracies
- Systems are easily upgradeable to 3D

