

HS-360

MACHINE CONTROL SYSTEM

Main body
Water and Dustproof
Conform to IP66

Remote Display
Water and Dustproof
Conform to IP54

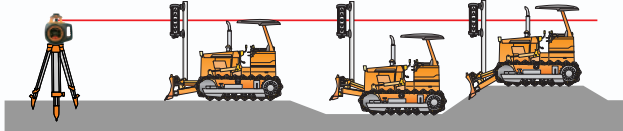


Remote Display RD-HS

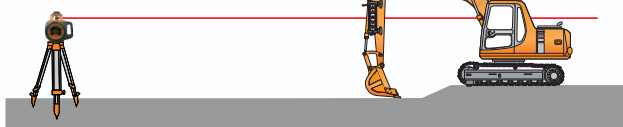


Main body HS-360

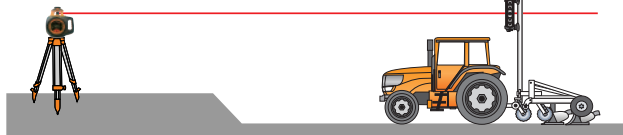
Grading by Dozer



Surface Grading by Excavator



Grading by Tractors



Receiver on the mast of blade or bucket arm can detect the laser beam of Rotary Laser Level. It is easy to adjust the height of arm or blade.
By setting the Remote Display on the operator's site, it will be more easy to confirm the on-grade.

Standard Accessories

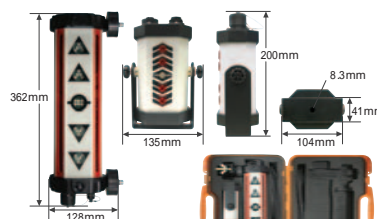
- : HS-360
- : RD-HS Remote Display
- : HS-RC Remote Cable (About 10m)
- : HS-BC Battery Cable (About 10m)
- : HC-HS360 Hard case
- : HS-RC : Ni-MH-SC7.2 Rechargeable Battery (Built-in Type)
- : HS-RC : SAC-500 Recharger
- : HS-CL Clamp type fixing metal (2 pcs/1 unit)
- : HS-BC
- : HS-CL

: Fix HS-360 on the mast or bucket of bulk earthmoving machines such as dozer, etc. and use together with Rotary Laser Level. It is suitable for managing the operational height.

: Boost your efficiency for surface grading. Save your time dramatically.

: By using together with Remote Display, your performance will significantly increase.

HS-360	
Receiving width	250mm
Receiving direction	360 °
Receiving range	About 200m (Radius) * When using with STS red color Rotary Laser Level
Display part	Hyper brightness 2 colors LED, 5 sections indication, Keep the last receiving laser point in the memory function
Receiving accuracy	Fine: $\pm 2\text{mm} \sim \pm 10\text{mm}$ (Depends on diameter of laser beam) Coarse: $\pm 5\text{mm} \sim \pm 23\text{mm}$ (Depends on diameter of laser beam)
Power	Ni-MH Rechargeable battery 7.2V 2500mAh Recharging time: about 5 hours
Continuous operating hours	About 40 hours (Automatic off function when voltage is low)
Outside power	DC12V $\pm 10\%$ or Supply by car battery of DC24V $\pm 10\%$ (with battery code)
Connecting method	Clamp style (Available pole size: Round pipe 40mm - 50mm) or Optional magnet style (Magnet 85mm)
Water and dustproof	Equivalent to IP66 (Remote Display: Equivalent to IP54)
Operational temperature range	-20 - +50
Remote Display	Included in Standard Accessories (Model No. RD-HS)
Option	HS-MG magnet type fixing metal (2 pcs/1 unit) (Note(1))
Size	Machine Control HS-360 : 362 x 80 x 128mm Remote Display RD-HS : 200 x 70 x 135mm
Weight	Machine Control HS-360 Clamp style: 3.6kg Remote Display RD-HS : 1.1kg



*To fix on dozer, need a metal on the blade, and fix it on the mast by included clamp type fixing metal.

Note(1) Included fixing metal is clamp type. But it can be replaced with magnet type when purchase.

Suitable STS Rotating Laser Level

Rotating Laser Level with grade setting function

SLH-600

Horizontal Accuracy ± 10 arc sec ($\pm 0.5\text{mm}/10\text{m}$)
Grade Range
X-axis : $-10.000\% \sim +10.000\%$
Y-axis : $-1.000\% \sim +12.000\%$
Under the condition of using included grade plate (8 degree).
Maximum $+25.000\%$ (Y axis only)
X&Y 2-axis : $\pm 20.000\%$



Vertical, Horizontal & Rotating Laser Level

STS-V600

Horizontal Accuracy ± 10 arc sec ($\pm 0.5\text{mm}/10\text{m}$)



Rotating Laser Level

STS-H600

Horizontal Accuracy ± 8 arc sec ($\pm 0.38\text{mm}/10\text{m}$)



ISO 9001 Certificate no. 900982

JSIMA
Japan Surveying Instruments Manufacturers' Association

JSIMA is an organization aiming at development and advancement of Japanese Land Surveying Industry. We, STS, are the formal member of this organization.

DUE TO PRODUCT IMPROVEMENT, THE SPECIFICATION & THE APPEARANCE MAY CHANGE WITHOUT ANY NOTICE.

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