

## Sonic-Ski™ Averaging

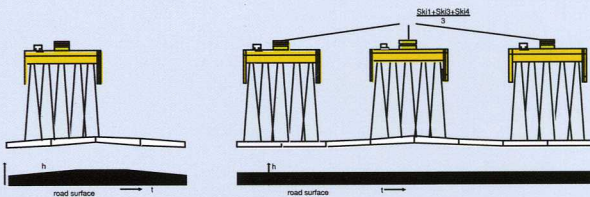
Five separate ultrasonic measurements are made 11 times per second. The three longest measurements are averaged by the sensor to calculate an average elevation. By averaging, the small irregularities are taken out of the calculation and do not influence the resultant value.

## Averaging Several Sonic-Ski's

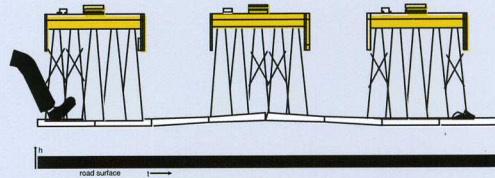
The Big-Sonic-Ski™ and its averaging effect also compensates for irregularities over longer distances. Road waves, for example, will be smoothed. This isn't possible using just one sensor.

Small irregularities are discarded and large irregularities are averaged with all 9 individual sensor measurements. The machine does not require a perfect reference anymore. The Big-Sonic-Ski™ will improve the mat smoothness.

Your paving options are more flexible, you save time and last but not least you save money.



The combination of these two kinds of averaging produces a smooth road surface, improving the mat quality.



## Big-Sonic-Ski™ Benefits

- Smooth Mat
- Smooth Transitions
- Simple System Setup
- Improved Paver Maneuverability
- Non-Contacting Grade Sensing
- Sensors have built in temperature compensation
- Multiple sensor types can be used
- Increase chances of quality bonus

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