

Mini-Line® Sonic Average Beam Grade Control System

Mini-Line® Average Beam has 4 G 220 Sonic Sensors spread wide apart on 2 horizontal beams. Minute irregularities and imperfections on road surface are efficiently removed by taking 4 different measurements and regulate the tow-point in relation to an average of the 4 measurements. The Sonic average beam can be mounted on the pavers and can be adapted to milling machines (planers).

Mini-Line® G 220 Sonic Grade Sensor

The G 220 Sonic grade sensor is designed specifically to operate in harsh environments. The electronics provide the sensor with a well defined and precise working range. Its reliable sensor provides high resolution and accuracy. The sonic sensor incorporates a bail which automatically compensates for sudden temperature changes while paving. The sonic sensor is equipped with data communication and has specific address that enables data transfer with HS 300 Handsets and the 4 G 220 Sonic Sensors.

Mini-Line® HS 300 Handset

The controller has advanced electronics and solid-state valve drivers. The handset functions as a remote control and can be placed anywhere on the paver. A Bright LED display ensures good visibility day and night. The HS 300 Handset microprocessor based system analyses the measurements from 4 sonic sensors before regulating the tow-point from an average of the 4 measurements. The Handset can also read monitoring and regulating data from Mini-Line® G 198 or G 298.



Features

- Easy to install and operate
- Easy to moved
- Can work on any machine
- Solid state electronics
- Input voltage range 10 - 30V
- Handset and sensors communicate digitally (RS 485)
- Protected against reverse polarity power and short circuit
- Water-resistant robust aluminium house
- Repairable

Mini-Line® HS 300 Handset

- LED display
- Adjustable Sensitivity, Deadband, Working range/window and PWM
- Error messages/codes in case of malfunctioning or defect sensors

Mini-Line® G 220 Sonic Grade Sensor

- No wear and tear
- Temperature compensated with metallic reference bail
- Mounting: Snap connector
- Resistant to corrosion and tough environment