

MOBA

G176 Sonic Plus



MOBA[®]

MOBA

G176 Sonic Plus

The G 176 Sonic Plus™ controller is used for automatic leveling of a working tool on construction machines in relation to a reference. The G 176 Sonic Plus™ is designed specifically for use in rough environment. Typically, the unit is used for leveling on asphalt pavers.

The unit is mounted on the machine to follow a reference like ground or string line. An ultrasonic transducer sends out ultrasonic waves that reflect off the closest surface. Based on the time the waves need to travel between emission and reception, the unit calculates the current distance between sensor and surface. After setting the required working point any change in height will be detected and the error is calculated. Proportional to this error the The G 176 Sonic Plus™ activates the power output to correct the deviation.



MOBA®

Handset

The handset for the G 176 Sonic Plus™ connects via a 6 meter long cable using a 5 pole plug. The variation of the working screed (adjustment of the hydraulic or electric tow point cylinder) is done on the handset. This means that the operator does not have to carry out the adjustment using the crank handle on the machine itself. Each Positive or negative adjustments made by turning the knob is 1/8 inch correction to the screed.



- Designed for light commercial pavers
- Patented multisonic technology
- Adjustable sensitivity for maximum smoothness
- Remote handset for depth adjustment of screed
- LED display
- Water proof
- Multiple valve selections
- Operator friendly
- Working window
- Affordable grade control solution
- Move from machine to machine with ease.
Bolt on - No welding!!
- Stringline applicable



The G 176 Sonic Plus™ is the most affordable and efficient leveling system available in the paving industry. The solid and durable construction of this device allows you to operate even in the roughest environment. Virtually maintenance free to assure maximum productivity. The G 176 Sonic Plus™ is another fine example of the high quality workmanship of MOBA. Please visit us on the web at www.moba.de to learn more about our great products and services.