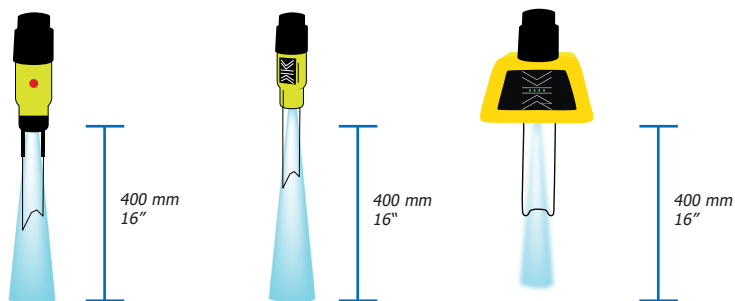


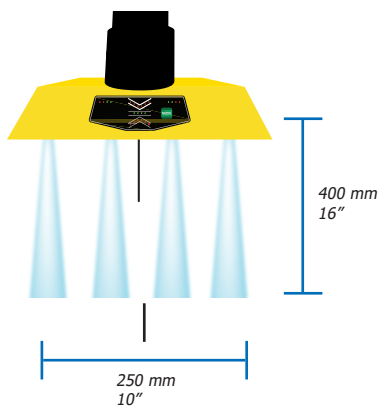
Set Up

When mounting the sensor, make sure that the working height is correct. The distance to the ground must be as shown below.

Ground Mode



Stringline Mode



When the sensor is in stringline mode the **large** display must be lit.

When the sensor is in ground mode the **small** display must be lit.

Push the **MODE** button to switch between the two.



Important!

1. Don't forget to mount the reference bail and check that it is positioned correctly on the sensor
2. The working height must be 400mm/16 inches (the distance between the bottom of the sensor and the reference)

Daily Operation

1.
2.
3.

Manual Mode

1
2
3

Lower the screed to the desired material thickness and make the machine ready for paving

Adjust sensor height to the recommended height over the reference.

When mat thickness/slope is correct, press **CAL** to set the reference level (setpoint)

Auto Mode

4
5
6

Press **AUTO/MAN** to enter auto mode. The system will now maintain the level of the tow point constant relative to the setpoint

To increase mat thickness while paving in auto mode, adjust the turning knob in the relevant side on the control box up or down (only in auto mode)

When paving is completed, press **AUTO/MAN** to return to manual mode

List of Functions

List of functions available in both **auto** and **manual** mode

Setting	Shortcut	Display	Change	Confirm/Cancel
Switch between sensors		9.2.2.2 or 5.6.0.2	AUTO MAN +	
Switch between display of sensor value and setpoint			CAL (3sec)	
Sensitivity	MENU (right) +	5.6.1.1		MENU (right) / CAL
Working Window	MENU (right) +	0.0.0.0		MENU (right) / CAL

List of functions in **auto** mode

Setting	Shortcut	Display	Change	Confirm/Cancel
Adjust setpoint				
Calibrate sensor value			CAL +	
Switch to manual mode			AUTO MAN	

List of functions in **manual** mode

Setting	Shortcut	Display	Change	Confirm/Cancel
Manual tow point adjustment			↓ ↑	
Set the reference (setpoint)			CAL	
Enter code	AUTO MAN (left) + CAL (right)	Code 39		MENU (right) / CAL
Switch to auto mode			AUTO MAN	

Error Codes

PL2005

Symptom	Probable Cause	Appropriate Action
CAL Flashes when entering auto mode	Setpoint not entered before pressing AUTO	• Enter setpoint
E.1	Sensor out of range	• Adjust sensor position
E.2	Reference bail damaged or not installed	• Check or replace reference bail
E.4	Sensor is faulty	• Re-connect main power
0.0.0	Sensor is out of working window	• Check working window • Check sensor mounting • Clean up sensor field of view
S.0.5	No communication between PL2005 and sensor	• Check cables and connections

G220 and S298

Symptom	Probable Cause	Appropriate Action
Status LED - Slow flashes (2 short flashes per second)	No problems	
Status LED - Fast flashes (4 flashes per second, on/off equal amount of time)	PL2005 missing	• Check connection to PL2005
	Sensor out of range	• Adjust sensor position
	G220: Reference bail missing	• Install reference bail

G221 og G224

	(Red arrows flash alternately)	Target out of range	• Adjust sensor position
	(Red arrows flash simultaneously)	Reference bail missing	• Install reference bail
	(Green bar and red arrows flash)	No PL2005 connected	• Connect PL2005 • Check connections
	(Red arrows flash alternately)	The sensor has lost sight of the wire. Tow point is locked	• Adjust paver direction • Adjust sensor position