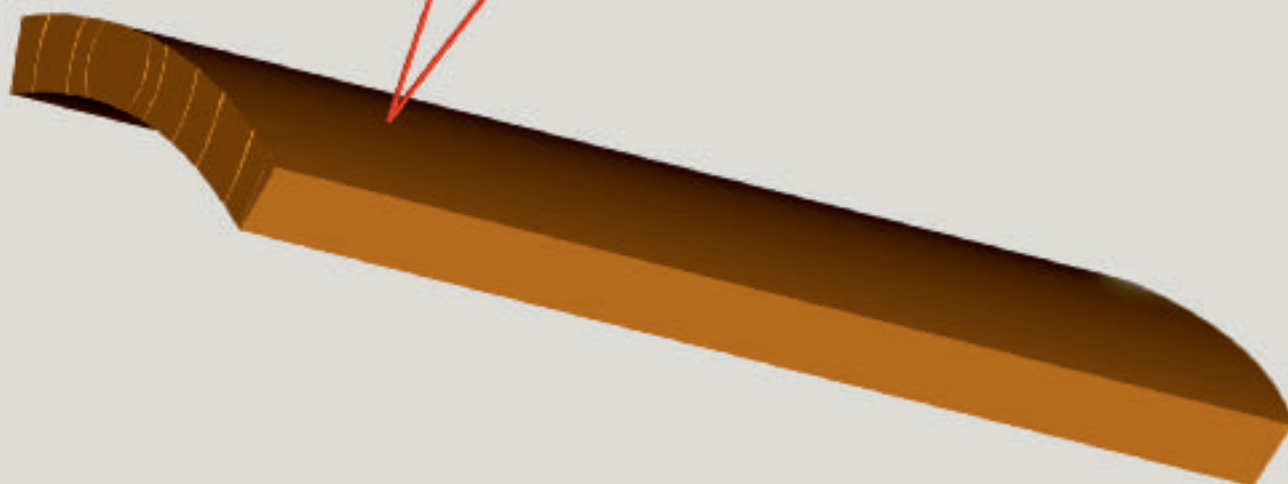
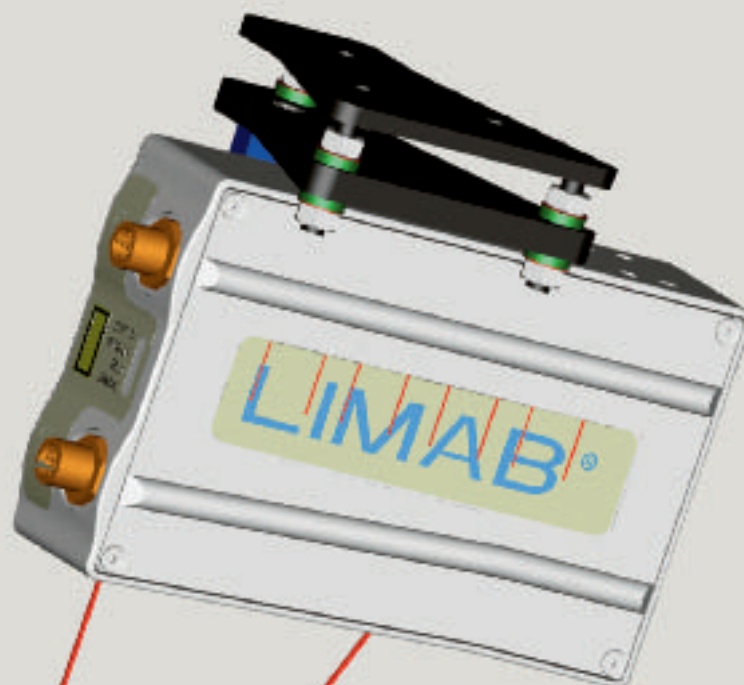


LIMAB®

KUP200/400

***Convex Board
Measurement
system***



KUP200/400

KUP200/400 is an automatic measurement system for board cross profile. Measurement principle is non-contact laser triangulation. Measurement accuracy is, unlike cameras, independent of variations in ambient light conditions and wood surface reflection.

KUP200 is a single sensor system where **KUP400** contains two sensors to measure both upper and lower board profiles for increased reliability. The system gives a turning signal if board after drying or cutting is convex and with the convex profile on lower side. Installation in a transversal conveyor before e.g. planer or rip saw.

Technical Data:

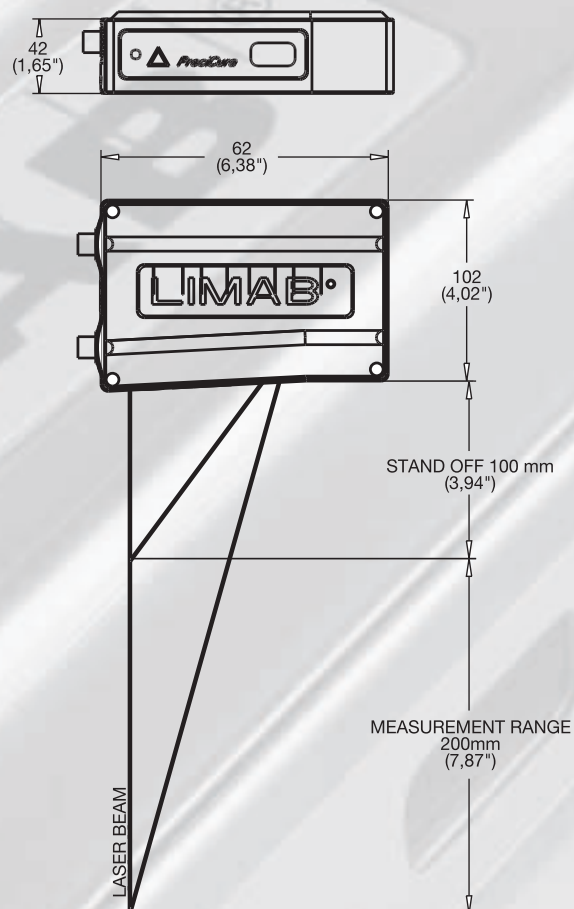
Measurement range	200 mm (7,87")
Stand off	100 mm (3,94")
Resolution	1/100 mm (0,0004")
Laser Class	2 (IEC825)
Power supply	18 .. 36 VDC, galvanically isolated
Power supply current	< 180 mA
Serial Interface RS232C	ASCII, 38400 bit /s
I/O	Digital output current signal Gives 0/20 mA for convex/concave board as turning signal
I/O contact	M12, 8-pin
Housing	Aluminium
Dimensions	162 x 108 x 42 mm (6.38 x 4.25 x 1.65")
Protection class	IP 65, NEMA 4
Operating temperature	0...+40°C (32 - 104°F)

Function: Configuration with Windows® setup software. Adjustable detection trigger. Automatic board detection. For analysis of boards and conveyor movement there is a "Filter Monitor" in the Windows® setup software. This can display measured values and plot profile graphs.

Standard Delivery:

	KUP200	KUP400
PreciCura	1 pcs.	2 pcs.
3 point mounting bracket	1 pcs.	2 pcs.
Cable M12, 8-pin (2m)	1 pcs.	2 pcs.
Manual	1 pcs.	1 pcs.
Windows® Setup Software	1 pcs.	1 pcs.
Cable PC - PreciCura (5m)	1 pcs.	1 pcs.
Air knife	-	1 pcs.

We reserve the right to introduce modifications without prior notice.



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