

Functional description WE5

Capacity		Product information	
Speed	250 m/min	Board width	48-130 mm
Typical board gap	Mechanization decides	Board thickness	17-62 mm
Min board gap	Mechanization decides	Board length	1600-6500 mm
Time to decision	1,5 seconds	Wood species	Pine
Run modes	Fixed Dimension	Surface type	Planed/Dried

Option	Width (mm)	Length (mm)	Depth (mm)	Side Up	Side Left	Side Down	Side Right	Accuracy	Comment
Minimum defect									
Cracks	0,15	12		X	X	X	X	1	Not "angled" cracks
Black knots	1	2		X	X	X	X	1	
Sound knots	5	5		X	X	X	X	1	
Bark	4	12		X	X	X	X	1	
Pitch Pocket	1	15		X	X	X	X	1	Only softwood
Dimension (width)	0,40	10		X	X	X	X	1	
Pith (on surface)	5	50		X	X	X	X	1	Only softwood
Horizontal year rings	X	-	500	X		X		4	
Wormholes (min 3)	1	1		X		X		1	
Thickness	2	25	0,5	X	X	(X)	X	2	Defects only shown at Up side
Wane, Profile (Up/Down)	2	10	0,8	X		X		2	
Wane, Profile (Left/Right)	2	10	0,8		X		X	2	Only if thickness > 15 mm
Hole	1	7,3		X	X	X	X	2	
Resin	13,6	60		X	X	X	X	3	
Light knots (Fibre)	9,1	20		X	X	X	X	3	
Roughness/Unmoulded	X	12	38	X		X		6	
Shake/Angled crack	X		25	X		X		6	
Blue stain (Color)		4	30	X	X	X	X	4	
Pith position (Endscan)	X								Clean cut needed

Measurement accuracy (mm)

	Cross board	Length board	Depth
1) Gray scale measurement	0,07	0,8	
2) Profile measurement	0,14	1,9	0,10
3) Fibre measurement	4,5	7,7	
4) Color measurement	0,5	2,0	
5) Board length		5,0	
6) Roughness	3,0	3,9	

Motors for cameras

Up (A)	Yes
Side (B)	Yes
Down (C)	No
Side (D)	No

Documentation and language

User Guide	Estonian
User Interface	Estonian
Education material	Estonian and English
Education	English

Helpdesk line

Internet	Yes
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External equipment

Moisture	No
Shape	No
Strength grading	No
Last sensor	WoodEye 5
Marking	No

Interface and Decision method

Digital outputs	1 Ready signal
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Digital inputs	0
Protocol type	Standard Dimter (Direct) Type: 5 Cut list

Transmission interface	Serial with short distance modem (RS422)
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Positioned decision	No
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Options

Extra operator pad	No
Simulation software	No

For general technical specifications see System requirements WoodEye 5.

Cabinet orientation

Alternative: 1

Fence side: Opposite screen side

