

unmatched versatility with proven performance.

A-grader™

The A-grader determines the stiffness of lumber using sound waves.

This new technology allows stiffness to be measured on both green rough-sawn and dry structural lumber and also random length finger-joint blocks.

Applications

- Sorting by stiffness on green rough-sawn, random size and random length lumber on the green chain.
- Stiffness grading on random length dried structural lumber.
- Sorting by stiffness of finger-joint blocks.
- Sorting by density for efficient kiln drying.
- Measuring average stiffness of glulam beams.
- Stiffness grading of individual pieces used in glulam production.

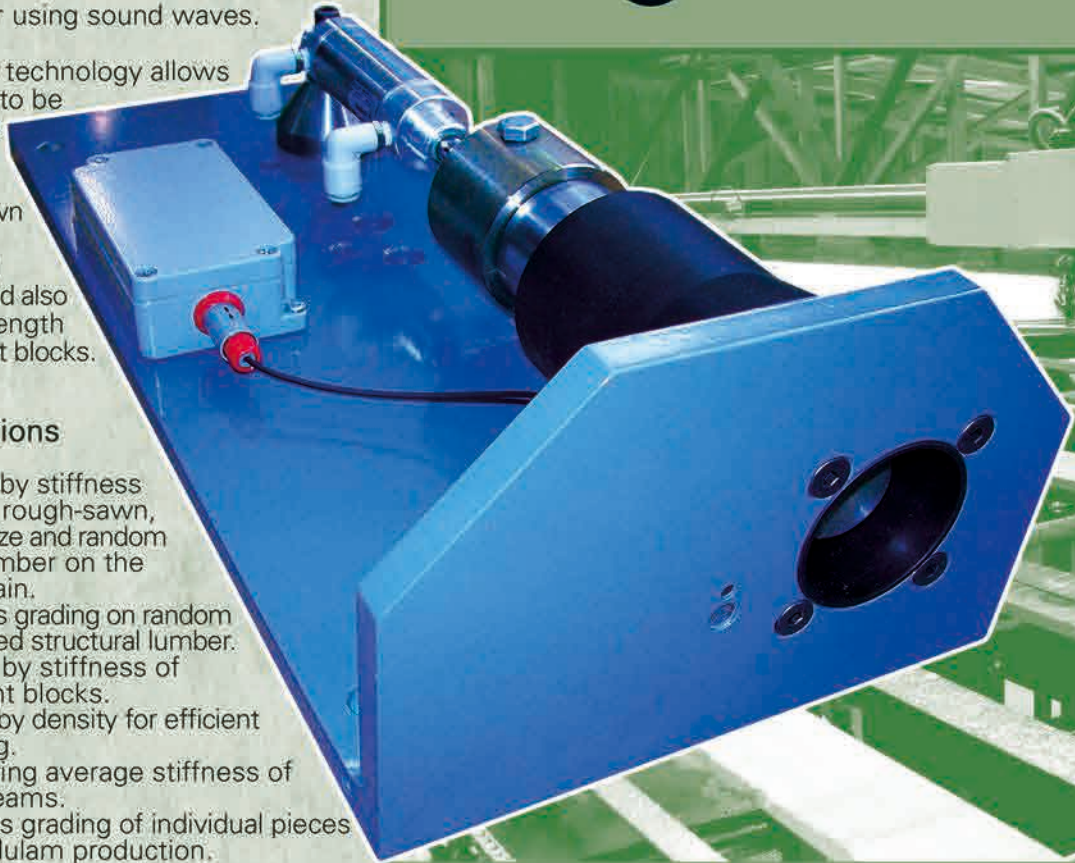
Features

- Integrates into existing lateral lug chain and mill equipment.
- Measures stiffness of green and dry lumber.
- Able to cull out substandard pieces before further processing.
- Built-in self-check and diagnostic system.
- Remote access for troubleshooting and support.
- Integrated color spray marking for grade and density.
- Integrated inkjet printing optional.
- Production data reporting system available.

Specifications

- Machine rate: up to 200 pieces per minute
- Minimum length: 24in (600mm).

The versatility of the A-grader cannot be matched.



A-grader GD-2000 GC Screen 1200 Acoustic Counter 120

Current Grading Schedule: 200 07 spp vdr 9207 Timber Type: Green RedOak Pine

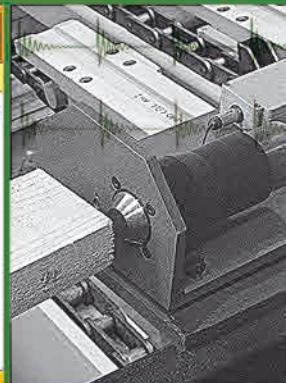
System Status
Signalized Spectrum

1000 Cuts

Current Board Dimensions: Grade Code: 22
Thickness: 1.25 in Width: 5.5 in Length: 4.50 in Density: 600

No-Grade Code	Name Grade	Dimension	Recent Defects	Recent PFC	Recent Weight/ft³	Recent Length (in)	Recent Width (in)	Recent Thickness (in)
22	NO-GRADE	100 x 80	2629-419	Pass	52.223	55.307	800	81
22	NO-GRADE	75 x 50	091-484	Sub	6.559	4.033	50	27
22	NO-GRADE	100 x 50	1000-522	Pass	52.967	1.243	50	27
15	MSG-6	75 x 50	1495-777	S x P	29.429	4.385	50	50
15	MSG-6	100 x 40	2444-628	S x P	27.570	50.000	50	50
15	MSG-6	100 x 50	701-384	S x P	22.217	34.823	50	54
15	MSG-6	100 x 90	822-080	S x P	15.115	4.122	100	94
15	Pass	100 x 80	678-463	S x P	100.478	4.177	80	53
15	MSG-6	100 x 50	677-577	S x P	23.269	11.226	50	53

System Running: 11:17 22 February 2007: 1400 am



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