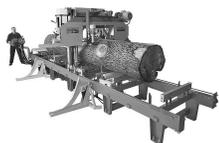


Peterson Board Quality vs Bandsaw Mills

- It is well known that bandsaw blades wander around knots or when forced through the cut, especially when the blade is dull. An operator can saw several wavy boards before noticing and stopping to change blades. Even if only **one** wavy board is cut before he stops, the next board will also be rejected due to the waves left on the log – two boards lost for every blade change.
- With all Peterson mills, there should be **no** boards lost to waves or cut quality, only to operator sizing errors.

 <p>"I also have a bandmill and the rejection rate is 2-3 times more than my WPF." – Mark Duginske, USA</p>	 <p>"The Peterson's boards are straight, straight, no waves, and did I mention straight?" – Tyler Hart, Canada</p>	 <p>"Before I bought my Peterson I took 3000b/ft to a band mill sawyer. Besides it taking too long, I had to reject lots of lumber because of bad dimensions and worst of all, wavy cuts – the band would not cut straight through knots – it would go up or down. For accuracy on the Peterson I very seldom have any rejects with my WPF. Out of 1000 2x4's I typically might reject only 5-10 total." - Dave Klish, USA.</p>		
<p>Any production bandmill</p> 	<p>Reject 2 wavy boards between each blade change @ 400bft 3600 bft p/day = 18 boards x 8.7bft plus Operator's own sizing errors per day eg 1% of 3600 b/ft</p>	<p>157+36 = 193 b/ft x 5 days x 45 weeks = 43,425 b/ft in rejects</p>	<p>43,425 b/ft x 30c = \$13,027 in rejects per annum</p>	<p>WITH A PETERSON:</p> <p>Save \$10,597 per year as no wavy boards</p>
<p>Peterson WPF or ASM mill</p> 	<p>No loss of boards due to waves. Only Operator's own sizing errors 1% of 3600 b/ft p/day</p>	<p>36 b/ft x 5 days x 45 weeks = 8,100 b/ft in rejects</p>	<p>8,100 b/ft x 30c = \$2,430 in rejects per annum</p>	

Peterson Maintenance Costs vs Bandsaw Mills

- Everyone knows bandsaws go through bands. If your tension is too tight, too loose, if the tips are dull, hook angles are out, feed rate is too slow or fast, if there are hard knots, grit or metal in the logs, you will be replacing bands frequently – and that's more time for changing and sharpening.
- With a swingblade mill, the 2 blades supplied will last you several years. You sharpen the 6 tips while the blade is still on the mill, and after 30,000 b/ft new tips are welded on by hand or a local sawdoctor for \$60. Blade costs on a Peterson swingblade mill is **less than 1/10th of a bandsaw.**

 <p>"I can sharpen the Peterson sawmill in 30 seconds! But I never know when a band might break on the bandsaw." – Tyler Hart, Canada</p>	 <p>"My total daily running costs for 2 ASMs sawing 10,000 b/ft per day including power, rollers, vee belts, mill servicing, blade tips & re-tensioning is \$33.19, or \$.0034 per b/ft." – Jerry Wagner, USA</p>			
<p>Any Bandsaw Mill, in full time operation</p> 	<p>Blade maintenance costs *\$40 per 1000 b/ft or 4 cents per b/ft</p> <p>* Standard blade maintenance costs. Full table of cost published in Sep '09 issue of Timberline Magazine.</p>	<p>2 Operators cutting 2,500 b/ft per day x 5 days x 45 weeks = 562,500 b/ft per year</p>	<p>\$22,500 Blade Maintenance costs per annum</p>	<p>WITH A PETERSON:</p> <p>Save \$19,688 in Blade Maintenance costs per annum</p>
<p>Any Peterson Swingblade Mill, in full time operation</p> 	<p>Blade maintenance costs *\$5 per 1000 b/ft or half a cent per b/ft</p> <p>* Standard blade maintenance costs. Full table of cost published in Sep 09 issue of Timberline Magazine.</p>	<p>2 Operators cutting 2,500 b/ft per day x 5 days x 45 weeks = 562,500 b/ft per year</p>	<p>\$2,812 Blade Maintenance costs per annum</p>	

Assumptions;

Workings are based on actual owner feedback

Logs are 2' diameter, 14' long, easy cutting

Sawing 2x4s for rough-sawn framing

Operator works 8 - 5pm, 1 hour lunch, for an 8-hour day

Using 60% recovery, there are 33 boards or 287 b/ft from each log

Sole Operators work 4 days p/week, 40 weeks p/year

Owners' personal time is valued at \$50 per hour

Two-person Teams work 5 days p/week, 45 weeks p/year

Contract sawing rate OR est profit on buying/sawing/selling is 30c b/ft



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