

Peterson Single-Winch Mills vs Dual-Winch Mills

- The Peterson WPF and ASM models feature fixed tracks and only one winch to raise and lower the cutting head itself. This is far more accurate as there is minimal room for error and no possibility of tapered boards.
- Both the Peterson ATS and the nearest competitor's swingblade mill have two winches - both must be adjusted for vertical sizing to raise and lower the tracks. This is great for rough terrain, but leaves room for improvement when milling for production or at fixed sites.

 <p>"Now I have the WPF I am about a minute faster every time I lower to cut the next row, than when I had the ATS." – Jim Whitaker, Australia.</p>	 <p>"By myself I can do 4-6 logs per day on my WPF, considering I have to do all my own pulling, sorting, docking, and stacking." – Robert Mansell, New Zealand</p>	 <p>"My first Peterson was an ATS, which I upgraded 3 years later to a WPF, easily more than doubling my solo cutting speed. For accuracy 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>Competitors' swingblade mill or Peterson ATS – two winches</p>	<p>Sole Owner cuts 2 3/4 logs p/day x 287b/ft = 789 b/ft x 4 days x 40 weeks</p>	<p>Single operator cuts 126,280 b/ft per annum (100 b/ft per hour)</p>	<p>275,520 x 30c = \$37,884 annual income.</p>	<p>WITH A PETERSON:</p> <p>Price of Upgrade \$3-5,000</p> <p>↓</p> <p>Make an extra \$30,996 per annum</p> <p>PLUS</p> <p>Save \$1,205 in accuracy per year</p>
	<p>Single Operator error; 1-2 boards on each side may be out, but middle 2 boards are within spec – reject 4 of 90 boards (5%)</p>	<p>5% of daily 789 b/ft = 39.45 b/ft x 4 days x 40 weeks</p>	<p>Reject 6,312 b/ft x 30c = \$1,894 in rejects per annum</p>	
 <p>Peterson WPF or ASM mill – single winch only</p> 	<p>Sole Owner cuts 5 logs p/day x 287b/ft = 1435 b/ft x 4 days x 40 weeks</p>	<p>Single operator cuts 229,600 b/ft per annum (180 b/ft per hour)</p>	<p>229,600 x 30c = \$68,880 annual income.</p>	
<p>Operator errors reduce to only 2 of 165 daily boards (1%)</p>		<p>1% of daily 1435 b/ft= 14.35 b/ft x 4 days x 40 weeks</p>	<p>Reject only 2,296 b/ft x 30c = \$689 in rejects per annum</p>	

"I am now sawing for my future home mixed in with some custom sawing at my location for others. My lumber will save me several thousand dollars but I think the best part might still be the feeling that I am sawing all of the lumber for my home with my own Peterson sawmill and the lumber is good uniform quality. The sense of pride is priceless." – Dave Klish, USA



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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