

Peterson Automated Sizing & Sawing for Commercial Production

- Petersons are the only swingblade mill manufacturer to have an automated version, with patented board removal on both ends. The Peterson ASM has two key advantages;
 - Automation means less physical work for the operators, more working hours.
 - Board removal reduces work for the tail-out person, and twice the board-stacking area.
- Even for a single operator, production will increase substantially - there is no walking required as the boards can be brought right back to the operator's end.
 - A sole operator on ASM can achieve similar production to a 2-man team on a WPF.



"When I had 2' diameter logs, I would stack 3 on the bunks at a time. I was able to, by myself, get through all 3 logs in about 90 minutes. I didn't start out at that rate as it took some time to learn. An average day for me was 10 hours for 3000+ b/ft per day and that was a solid average for me. And so far there has been no project our ASM can't handle." – Jeff Moskonas, USA



"The ASM consistently doubles the manual mills' production day after day. With my two Peterson ASMs we are doing 8000-10,000 board feet of 4"x6" dunnage out of fibrous cottonwood logs, around 17-40" diameter. This for an 8-10 hour day with a full crew of 6 guys, 5 days per week; there's just nothing that can compare." – Jerry Wagner, USA



"We're a 2-person team sawing for clears on the ASM, so I take my time. I usually give myself 45 minutes per log." – Tyler Hart, Canada.

<p>Peterson Manual WPF</p> 	<p>Single operator cuts 5 logs x 4 days x 40 weeks x 287 b/ft p/log.</p> <p>Full timers cut 9 logs x 5 days x 45 weeks x 287 b/ft p/log</p>	<p>Single operator cuts 229,600 b/ft per annum (180 b/ft per hour)</p> <p>Full timers cut 581,175 b/ft per annum (320 b/ft per hour)</p>	<p>229,600 x 30c = \$68,880 Gross annual income.</p> <p>581,175 x 30c = \$174,352 Gross annual income.</p>	<p>WITH A PETERSON:</p> <p>Price of Upgrade \$15,500</p> <p>↓</p> <p>Make an extra \$41,328</p> <p>to</p> <p>\$77,490 per annum</p>
<p>Peterson ASM - Single Operator</p> 	<p>Single operator cuts 8 logs x 4 days x 40 weeks x 287 b/ft p/log.</p> <p>Commercial Operation cuts 13 logs per day x 287 b/ft x 5 days x 45 weeks.</p>	<p>Single operator cuts 367,360 b/ft per annum (287 b/ft per hour)</p> <p>Commercial Operation cuts 839,475 b/ft per annum (465 b/ft per hour)</p>	<p>367,360 x 30c = \$110,208 Gross annual income.</p> <p>839,475 x 30c = \$251,842 Gross annual income.</p>	
<p>Peterson ASM - Full Time Operation</p> 				



"I just had to share this picture of some wood we've been cutting on our Peterson ASM. It blows my mind how well it works for cutting boards...this is some of the nicest wood I've ever sawn." - Tyler Hart, Canada.



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



PETERSON
PORTABLE SAWMILLS

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