Peterson Electric Winch Capability

- The Peterson WPF and ASM have an electric winch option for hand-controlled vertical sizing. This allows the operator to remain at his normal operating station when lowering or raising for the next cut. The operator can also line up the first cut much easier, as he can visually sight down the log at the same time. This saves extra walking to the winch and back, when lining up a log.
- The Electric Winch also utilizes a worm drive, allowing *infinite* sizing instead of 2mm clicks per the manual winches, making the Electric Winch much more accurate as well.
- Neither the ATS nor the nearest competitor's swingblade mill, have these electric winch capabilities.

"With the Electric Winch I now gain at least one hour of milling time per day." – Jim Whitaker, Australia	"Accuracy doubles with the Electric Winch. I would say that with lots of confidence. From a time saver to the ease of use, the electric winch makes that mill. And the winch allows one person to run the mill very easy and fast." – Jeff Meyer, USA	"The minute you have two guys on a WPF you're a lot more motivated so my production easily doubles to 9-10 logs per day. Also considering I can keep milling while the other guy does all the sorting, stacking, and docking." – Robert Mansell, New Zealand	

Peterson standard winch on WPF mill	Single operator cuts 5 logs x 4 days x 40 weeks x 287 b/ft p/log. Full timers cut 9 logs x 5 days x 45 weeks x 287 b/ft p/log.	Single operator cuts 229,600 b/ft per annum (180 b/ft per hour) Full timers cut 581,175 b/ft per annum (320 b/ft per hour)	229,600 x 30c = **$68,880** annual income. 581,175 x 30c = **$174,352** annual income.	**WITH A PETERSON:** *Price of Upgrade $1,800*
	Full timers' sizing errors 1% of 297 boards = 3 reject boards	Full timers reject 3 boards x 5 days x 45 weeks x 8.7 b/ft each	5,872 b/ft x 30c = **$1,761** in rejects per annum	↓
Peterson *Electric Winch* – WPF or ASM	Single operator saves 1 hour per day x 4 days x 40 weeks = 160 extra hours to saw.	160 hours x 180 b/ft p/hr = *extra* 28,800 b/ft per annum	258,400 x 30c = **$77,520** annual income.	**Make an extra $8,640** to **$21,600** per annum
	Full-timers save 1 hour per day x 5 days x 45 weeks = 225 extra hours to saw.	225 hours x 320 b/ft p/hr = *extra* 72,000 b/ft per annum.	653,175 x 30c = **$195,952** annual income.	PLUS
	Double your accuracy; only .5% of 297 boards = 1.5 reject boards	Full timers reject 1.5 boards x 5 days x 45 weeks x 8.7 b/ft each	2,936 b/ft x 30c = **$880** in rejects per annum	Save **$881** in accuracy per year

"I was very happy with my ATS until I tried a demo on a WPF with Electric Winch. I immediately upgraded and now have an extra hour per day." – **Jim Whitaker, Australia**

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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