

PETERSON SWINGBLADE MAINTENANCE COST COMPARISON VS A TYPICAL BANDSAW BLADE

Typical Blade Maintenance Costs & Time *	Peterson Swingblade		Bandsaw	
	Board Foot	Cubic Metres	Board Foot	Cubic Metres
#Quantity of Sawn Timber between <u>Sharpens</u>	636bf	1.5m3	400bf	.94m3
Sharpening Time & Cost (\$20 p/hr labour & overhead cost value)	5 mins (\$1.66)	5 mins (\$1.66)	5 mins change, 20 mins sharpen (\$8.30) + transport (\$2.50)	5 mins change, 20 mins sharpen (\$8.30) + transport (\$2.50)
Quantity of Sawn Timber between <u>Re-Tip</u> (circular) or <u>Replace</u> (band)	Re-Tip at 33920bf	Re-Tip at 80m3	Replace at 1600bf (4 sharpens per blade)	Replace at 3.78m3 (4 sharpens per blade)
Re-Tip/Replace Cost	\$70	\$70	\$20 per band	\$20 per band
Quantity of Sawn Timber between <u>Retension</u> (circular) or <u>Reset</u> (band)	67840bf	160m3	800bf	1.88m3
Retensioning/Resetting Time (\$20 p/h) or Sawdoctor Costs	\$10	\$10	20 mins (\$6.67)	20 mins (\$6.67)
Total Blade Maintenance Costs per...	Per 1000bf = \$4.81	Per 1 cubic metre = \$2.03	Per 1000bf = \$47.83	Per 1 cubic metre = \$20.28
Blade Maintenance Costs per DAY (1900b/ft or 4.5m3)	\$9.14	\$9.14	\$90.88	\$90.88
* Workings based on 8-hour day in medium density wood, sawing 4.5 cubes or 1900bft.				
# There is around 424bft in 1 cubic metre of sawn timber				

Last update: 6 August 2018