

## Peterson Blade Maintenance Cost Comparison

Typical Blade Maintenance Costs & Time *	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)
<b>Total Blade Maintenance Costs per...</b>	<b>Per 1000bf = \$4.81</b>	<b>Per 1 cubic metre = \$2.03</b>	<b>Per 1000bf = \$47.83</b>	<b>Per 1 cubic metre = \$20.28</b>
<b>Blade Maintenance Costs per DAY (1900b/ft or 4.5m3)</b>	<b>\$9.14</b>	<b>\$9.14</b>	<b>\$90.88</b>	<b>\$90.88</b>
* 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				