5 Cut Method

The 5 cut method to check the accuracy of a crosscut sled

1. First cut

2. Second cut

3. Third cut
4. Fourth cut

5. Calculate $M$

\[ M = A + B + C + D \]

6. Fifth cut

E and F - about 10...30 mm
7. Calculate $\Delta$

If $F > E$

$\Delta = F - E$

If $E > F$

$\Delta = E - F$

8. Measure $L$
9. Calculate $Z$

Test plate

$\Delta M = Z L$

$Z = \frac{\Delta x L}{M}$

Crosscut sled

10. Slide the fence

If $F > E$ (see step 7)

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Video tutorial