



BAND RE-SAW FOR LUMBER.

The firm of Cordesman, Egan & Co., Cincinnati, deserves great credit for the large number of newly-designed machines put on the market of late years. Having just doubled their former capacity by the erection of new buildings, they are enabled to keep pace with their numerous orders, and we take pleasure in calling attention to their new band re-sawer which created such great interest during the late Exposition.

"Band re-saws" for re-sawing lumber are no longer an experiment, and a great portion of the work in our large mills is now done on them. The use of these machines has increased year by year, and we predict the time when all our wood will be cut on these great timber-saving machines.

The "band re-saw" illustrated on this page is the design and patent of the well-known Cincinnati manufacturer of improved wood-working machinery. The claim made for this machine is, that it is original in design, and has less machinery and complicated parts than any "re-saw" yet put on the market. The aim has been to make a machine that can be handled by any ordinary mechanic capable of running wood-working machinery. This "re-saw" has six feed rolls and a positive feed, with three changes of speed on cone, an extra heavy frame, and is well proportioned for strength and strain. The loose and tight pulleys are 24 inches in diameter, $8\frac{1}{2}$ inches face, and the driving shaft is of 2 inch steel. This machine splits lumber up to 30 inches wide, the blade being 18 or 20 gauge, so that a kerf, or 1-32 or thereabouts, is taken out.