Why do Turb-O-Webs cost less than 1/3rd the cost of angle webs to produce?

Angle Web saws and Turb-O-Web cutting saws both saws operate at the same speed, so where is the saving??

The MiTek[tm] Elipsaw and other standard component saws, such as the Cybersaw all do operate at pretty much the same speed.

You can cut 2, 4 or 6 *same design angle webs* on a Cybersaw in about the same time as you can cut 2,4 or 6 *same length Turb-O-Webs* on an Elipsaw. . . . . **So where is the benefit with Turb-O-Webs?**

Anyone who has ever cut 300 identical pieces on a Cybersaw in one go will realize just how much faster this type of saw can cut when the machine is allowed to just cut- and the operator is able to hit every dog with a board., rather than continually changing set-ups and in-feed stock . . . . .. ***The Elipsaw cuts Turb-O-Webs at this speed all the time!***

The Turb-O-Web System requires that standard length Turb-O-Webs be cut in batches of sufficient quantity to guarantee a good rate of productivity. Usually a minimum of 1 bunk or unit of a single length is cut at a single time.

So, in the real world, the poor old angle cutter has to be content with "runs" of 2, 4 or 6 webs a time, and to waste valuable cutting time waiting for the next set-up, while the Turb-O-Web user simply cuts a whole bunk of a single standard length, meaning that the Turb-O-Web users will cut around 7,500 webs to the computerized component saws 2,300 pieces, or webs, per shift.

What if I don't need 7,000 Turb-O-Webs per day?

Not many plants do, and it doesn't matter. It is better to cut, say,1,800 Turb-O-Webs in a couple of hours on an Elipsaw than to tie up a Cybersaw nearly all day cutting the angle webs that they replace.

You cannot pay for a piece of equipment, such as a Cybersaw, by producing angle webs on that saw when the Turb-O-Webs which can replace those angle webs can be produced less expensively on an Elipsaw. The saving with T-O-W is both in lumber cost and saw-time labour.

What is the value of this saw-time saving?

Based on extensive analysis we have done in the past, we have found that Turb-O-Webs can represent 27% of all pieces (all chords + all webs, etc) produced in a truss plant. When the cost of this 27% of cutting is reduced by 2/3rds, then **the overall reduction in total cutting costs is 18%.**

The actual dollar value of this can not be calculated here, but such a calculation, to be complete should include not only the saving in actual sawyer's hours, but also all overhead costs associated with those hours.

Similarly recognition that diverting work away from a highly technical piece of equipment to the more basic Elipsaw will have a beneficial effect on the longevity and maintenance costs of the Cybersaw.