

# STRUCTURAL WOOD SYSTEMS

DIVISION OF HARRISON INDUSTRIES, INC.

## THE PINE PRESS

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Structural Wood Systems manufactures beautiful projects throughout the United States and overseas. The products we produce would not be possible without our amazing employees. This edition of The Pine Press is the first in a three part series focusing on our production process and featuring the people that make such high quality, custom glulam materials!



The finger joint line is where lumber is glued end to end to make the lengths needed for each glulam beam.



Throughout the day the spread rate of the glue is tested to ensure the proper amount is applied to the laminations.



Glued lumber is placed into forms and clamped together with pressure to ensure proper adhesion.

### Company Spotlight Lumber & Manufacturing



#### *SWS End-Jointing & Laminating Department*

While each project begins in our offices, the real work begins once an order is placed. Our purchasing department orders the lumber and once it arrives, it is re-sorted to ensure only the best lumber is used for our beams.

After the lumber is sorted, it is run through our finger-jointing line. The lumber is then stacked in a lay-up. The lay-up used is based on specific engineering requirements for the type of beam needed. The manufacturing department uses these requirements to stack the lumber into the proper lay-up. Once the lay-ups are stacked, the gluing process begins.

Gluing the beams takes timing, skill, and hard work. Each board must be run through the glue extruder and placed in the correct billet. These first few steps are important as they are the building blocks to creating custom laminated products for our valued customers. Look for more in our next edition as we continue to walk you through the production process and introduce you to more of our great team!



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