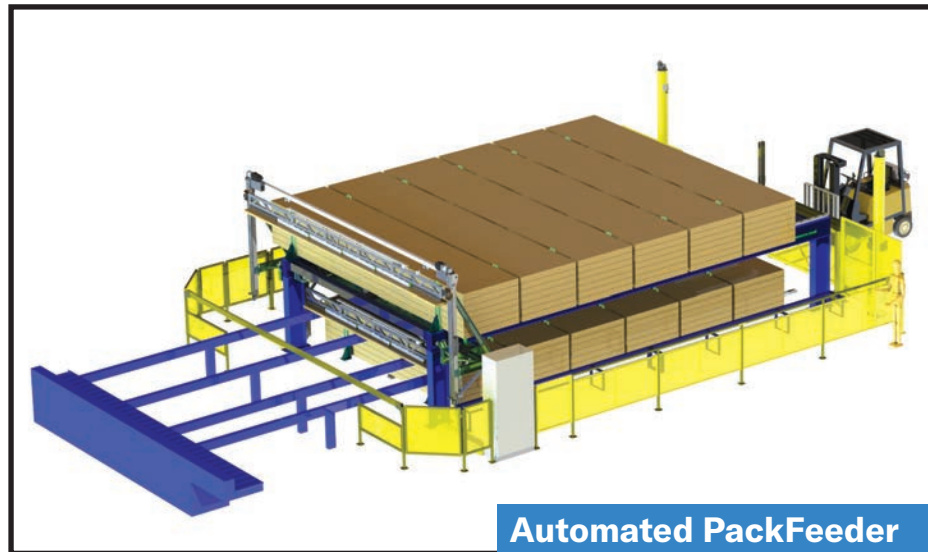


Automated Timber Infeed

The biggest source of downtime for an automated saw is a manual infeed system that can't keep up. Vekta's Automated PackFeeder addresses this issue, making it a viable option for both new and existing plants.

Packs of timber are loaded onto lightweight racks. A vacuum head gantry then scans the location of each rack to profile the timber pieces. When called for by the saw, a timber of the correct length and grade is picked up with the vacuum head and delivered. The PackFeeder can deliver two boards every 15 seconds, which is fast enough to feed more than one saw.

It's also compact. The PackFeeder's footprint is 75% smaller than competing systems. It's sold as a custom solution and is fully customized to your factory's size, timber usage and processes. It can also be combined with Vekta's Stack-n-Gap, which automatically flips boards for bow and stacks them accordingly. vektausa.com



Automated PackFeeder



CNC Component Processor



Techno Saw Linear Saw

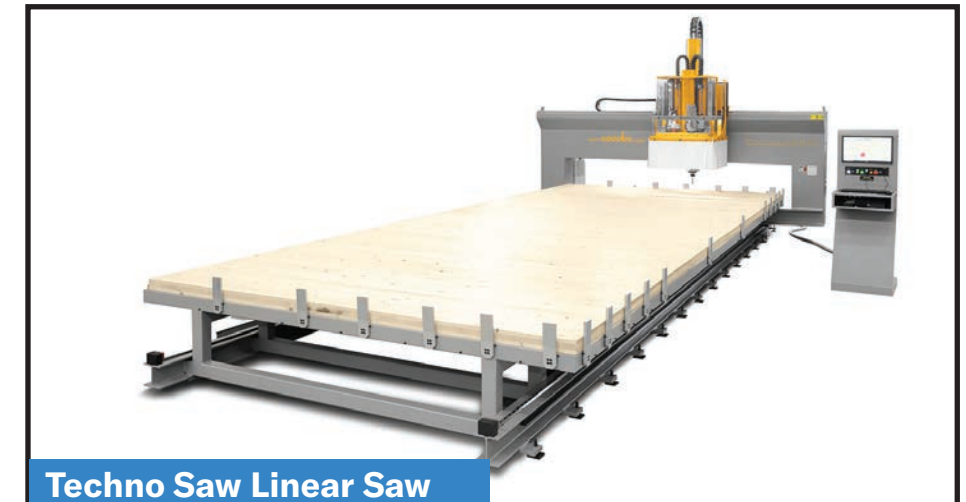
Essetre's **Techno Saw Linear Saw** is a cutting-edge technology in the processing of components for floor trusses, roof trusses and panelized building systems. It's a compact (20ft. long) CNC working center for drilling, milling/routing and sawing of components, EWP I-Joist and timbers. The unique feeding clamp

system stabilizes the workpiece during processing, while an optional unloading clamp system can be added. An 8-position rotary tool magazine is also optional.

Bar code label or inkjet printing heads can be added for workpiece identification after processing. User-friendly CAM software is included to communicate with the end user's CAD design software. www.essetre.com

Versatile Panel Saw

Essetre's Techno Multiwall XS is a flexible CNC working center for drilling, milling/routing and sawing of pre-sheathed wall and/or CLT and Glulam panels. It's unique moving machining center processes a pre-positioned panel of up to 44ft. x 10ft.. Traditional wall panels can be 12in. thick and CLT or Glulam panels up to 5 in. thick. An optional clamping system stabilizes the panel during processing and an optional nailing system can be installed to help secure sheathing panels. Other standard features include an 8-position linear tool magazine and CAM software to communicate with the end user's CAD design software.



Techno Saw Linear Saw

As is true with the company's Techno Saw, the Techno Multiwall XS can be outfitted with bar code label or inkjet printing heads. www.essetre.com

Quick Truss Quotes

Advanced Component Solutions



Squote

ACS

The **Squote** truss application from Advanced Component Solutions makes it possible to estimate a roof truss job in minutes instead of hours. It helps designers complete more quotes, allowing them to spend more time getting orders ready for production. It's easy to learn and uses your specific plant's lumber, plate and associated costing factors. The company will soon be releasing Squofe, a floor truss application that offers the same benefits. advancedcomponentsolutions.net

Design Team Relief Valve

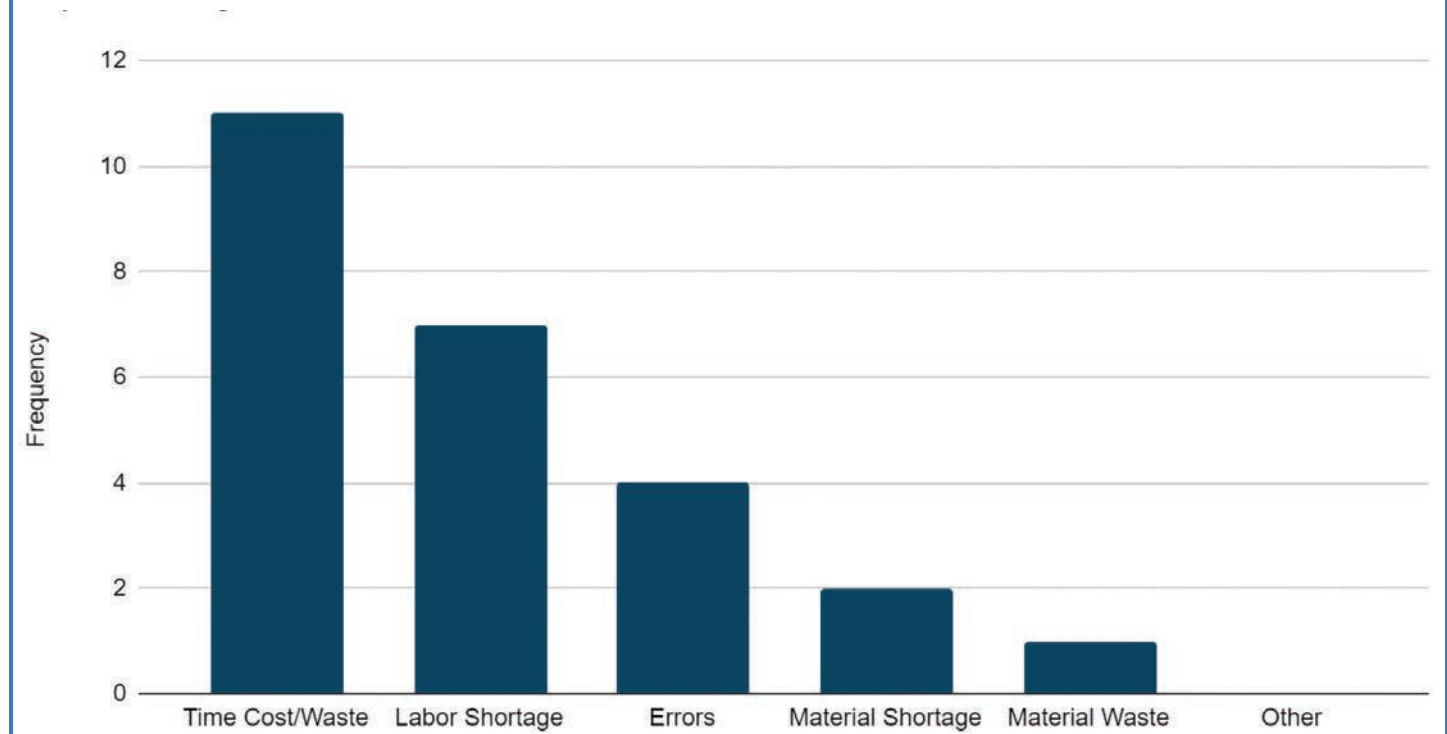


Design needs are as variable as any other part of the business, with ebbs and flows that can make it challenging to staff accordingly. Surges in volume create times when existing staff just can't keep up with demand.

In fact, a large commercial job can tie up your best designers for weeks or months.

That's the value of outsourcing. **Component Runner, LLC** is an outsource design firm exclusively for MiTek customers. They're authorized by MiTek to provide floor and roof truss modeling and design services exclusively for MiTek component manufacturers. Their team uses MiTek SAPPHERE for designing truss and wall panels and has completed over 10,000 jobs for more than 250 customers. The team's Project Managers have over 280 years of experience in component design. componentrunner.com

CONTINUED FROM PAGE 35



This is an example of a Pareto Chart, showing actual categories of root causes of issues in real modular factories.

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Essetre
WOODWORKING TECHNOLOGY EVOLUTION



Techno Multiwall XS



COMPACT MULTI-AXIS CNC MACHINING CENTER FOR ASSEMBLED WALL PANELS, CLT & GLULAM PANELS

For processing panels with dimensions (L x W x T) up to:

- assembled frame wall: 44' x 10.5' x 12"
- CLT/Glulam: 44' x 11.5' x 4-3/4"

MULTIWALL XS FEATURES:

- 5-axis 11.0 kW electro-spindle
- 8-position automatic tool changer
- 20" diameter saw blade aggregate
- (optional) automatic nailing or stapling system
- user friendly CAM software
- footprint required: 42.5' (L) x 15' (W)



Techno Saw



COMPACT 5-AXIS LINEAR SAW FOR ROOF + FLOOR TRUSSES, WALL PANEL COMPONENTS & EWP I-JOIST

For processing lineal components with min. max. dimensions (L x W x T):

- 20' x 18" x 6"
- 36" x 2" x 1.5"

TECHNO SAW FEATURES:

- 5-axis 8.5 kW electro-spindle
- 19" diameter saw blade
- belt conveying for waste pieces removal
- (optional) 8-position automatic tool changer
- user friendly CAM software
- footprint required: 44' (L) x 11.5' (W)



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