



STAKPRO TRUSS PRODUCT DELIVERY

Automating the transfer and stacking of
your completed Trusses.



Safe.
Easy.
Efficient.
Productive.

Stacking trusses manually is not only dangerous but is more costly than you might imagine. Large trusses require extra hands for stacking - hands that are then no longer building trusses or doing other value-adding tasks. The Stak Pro Truss product line is the most compact and flexible horizontal truss stacking system on the market.

Integrating these with the Vekta Smart Roller Conveyor (SRC) can turn this into a fully automated truss delivery system. Capable of multi-bay automated delivery, the SRC will measure trusses as they pass by and place them neatly in the middle of the Stak Pro booms at the required bay before stacking your truss. To save vital floor space the Vekta Stack Roller allows full stacks of trusses to be unloaded in both directions, before being strapped and moved into the best position for lifting. The addition of a Vekta Truss Transfer system further eliminates potential bottlenecks on your delivery line due to delays in strapping and lifting.

Internal booms are also available, built to suit your existing pedestal jig rails, the booms are built to a lower profile to ensure mobility and size requirements. These systems can also be completely driven manually through remote control or can have the same 'one-touch' stacking automation built in.



Is it time to **AUTOMATE?**

Get in touch scan the QR code

VEKTA USA

9555 James Ave S, Suite 203 Bloomington MN 55431

P: +1 763 566 0781 | E: info@vektausa.com



StakPro Truss Specifications



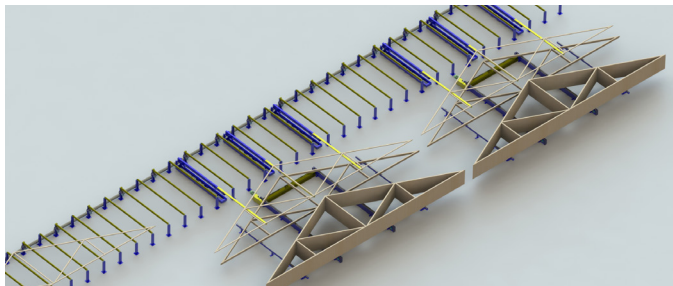
❖ **Stak Pro** - An ejection and stacking system that will typically include at least three booms but can be expanded to include as many as necessary allowing one operator to safely stack any size truss.

❖ **Truss Transfers** - A heavy-duty chain conveyance system designed to move full stacks of trusses. When a stack of trusses is complete, the Truss Transfers move the stack out of the way immediately.

❖ **SRC** - A conveyor system that automatically moves trusses to the centre of the required bay for stacking. When integrated with upstream systems, the conveyor knows exactly which bay each truss needs to be delivered to.

❖ **The Stack Rollers** – Allows stacking in both directions as truss stacks are progressed for ease of lifting.

❖ **Controls** - The Stak Pro Truss, Smart Roller conveyors and the Truss Transfer can all be controlled by the same remote, making the process safer, easier and more efficient.



Stak Pro Truss	Interior	Exterior
Safe working load (SWL) of each boom	180lbs	
Width	2'6"	
Height - Overall	From 2'3"	From 2'4"
Height - Working height	From 2'3"	From 2'4"
Length - Fully retracted	14'4"	13'2"
Length - Fully extended	33'2"	
Extension Stroke	19'3"	
Spacing between each boom	Variable - Rail mounted	11'9" (Typical)
Cycle time	45 seconds	
Inclusions	Hydraulic power units & wireless controller	

Truss Transfer System

Safe working load (SWL) of each boom	5500lbs
Width - Overall across two transfer chain beams	14'4" (Typical)
Width - Overall across two transfer chain beams & two skid beams	30'7" (Typical)
Height - Ground to top of chain	1'2"
Length - Overall	25'5" (Typical)
Length - Transfer chain stacking zone	21'1"
Transfer speed	1 foot/sec

Smart Roller Conveyor (SRC)

Width - Roller length (truss can be wider)	13'2"
Height - Ground to top of roller	2'9" (Typical)
Length - Roller conveyor line	To suit layout - Roller conveyors typically spaced at 3'11"
Roller drive arrangement	Every second roller is driven by its own motor
Automation sensors	Mounted on roller conveyor legs, fully guarded
Automation	Fully customisable via single control panel and wireless pendant



Is it time to **AUTOMATE?**

Get in touch scan the QR code

VEKTA USA

9555 James Ave S, Suite 203 Bloomington MN 55431

P: +1 763 566 0781 | E: info@vektausa.com

