



Contact Truss Machinery Connections for more details
800-580-6430 - www.trussmachineryconnections.com

Model XL Linear Saw: Truss Cutting Solution

**Cuts 2X3 through 2x12...
Cuts All Angles...
Cuts All Scarf Cuts!**

**Easily changes from
Right-Feed to Left-Feed**

All the benefits of a
Linear Saw but with
Automated Component
Saw speeds!

**Small Footprint
Energy Efficient**



TCT XL Linear Saw Features

Total Cutting Solution!

Cut Truss-By-Truss with one saw! Integrated Linear Servo Feeder for continuous automated feed operation (2x3 through 2x12 material)

Cuts 4 Angle Webs

As short as 10 1/2"
(Cut all 2 and 3 angles roof parts)

Optimize Scrap

Efficient use of material by nesting cuts and by utilizing Look-Ahead and Stock-Piece features.

Printed ID on all parts

Feed side printing system for marking all parts, large or small

Fast!

Advanced Servo feed system for superior control, accuracy, speed and acceleration
*Accuracy (+/-) 1/16"

Easy to Maintain

Simplest electronic and mechanical design on the market. (Less maintenance than expensive belt-drive systems. Faster performance than all pinch grabber arm systems)

XL Linear Saw design was based on lean manufacturing principles. Put simply it was designed to cut all of your roof truss parts in a *just-in-time* manner at speeds that match or out perform even the fastest automated component saws.

The **XL Linear Saw** will cut more wood with less people, with less waste, while dramatically improving material handling and overall truss production plant-wide.

Raw power, housed in a compact cabinet, gives this saw the versatility to cut all of your roof parts big or small.



Touch Screen Operator Stand & Electronics Cabinet



Advance Servo Feed System for superior control, accuracy, speed, and acceleration



Direct Drive Pivot Servo for fast and accurate angulation



Integrated Servo Feeder



Mexen Roller Pinion System for fast and accurate scarf cuts



Plug & Play Hookup!

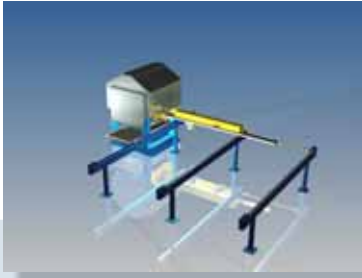


Equipment specifications & features subject to change without notice

(*) This level of accuracy may not be sustainable using lumber with significant defects including but not limited to lumber with significant wane, twists, crooks and/or lumber with other significant surface defects or damage.



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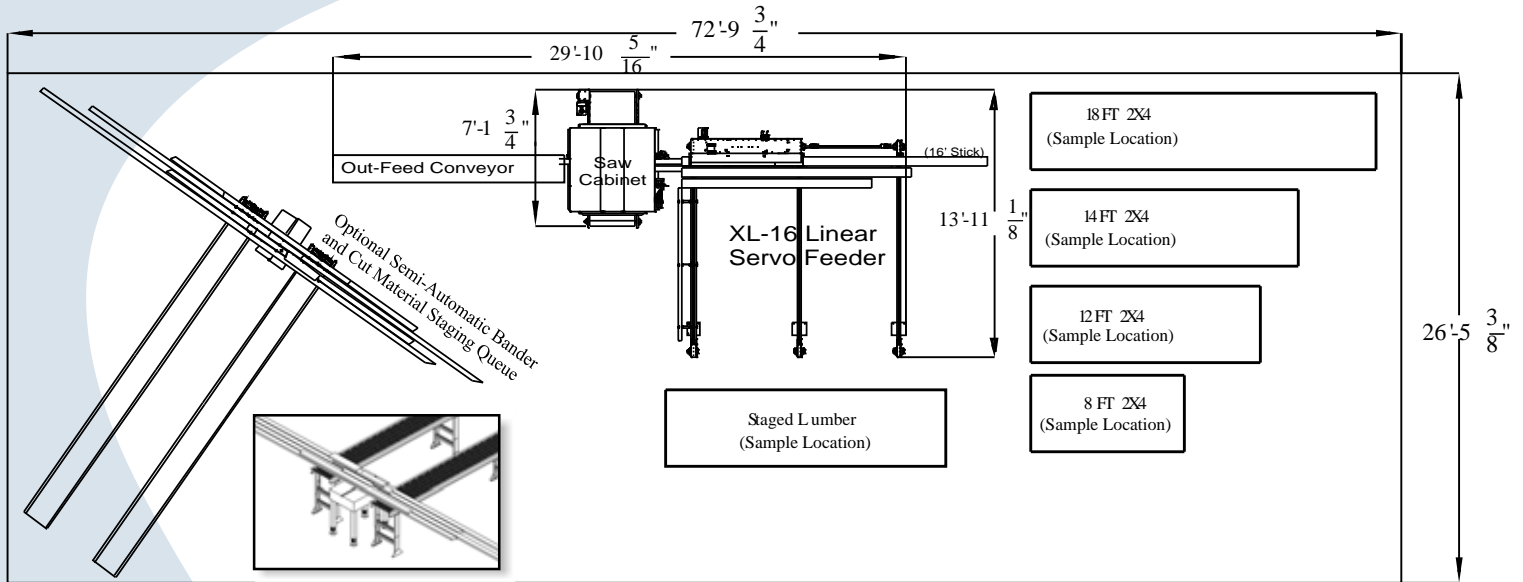


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TCT XL Linear Saw Footprint & Specifications

Footprint

Top View (Shown with Standard XL-16 Linear Servo Feeder)



Specifications

Saw Motor

5 HP, 3 Phase, Variable Frequency Drive

Servo Motors

High Torque - Permanent Magnet
(Maintenance Free)

Pneumatic Actuators

SMC

Pneumatic Valves

Rexroth Ceram Valves

Electronics

Stand Alone Trouble Free Motion Control System

Blade

Micrograin Carbide Tips
Precision Ground, 16" Blade

Inkjet Printer

Industrial DOD Inkjet Printer

Auto-Feeder

Integrated Linear Servo Feeder
Standard Model XL-16 (Feeds 6' through 16' Material)

Optional Upgrade:
Model XL-20 (Feeds 6' through 20' Material)

Computer Equipment

MS Windows 7 based PC,
with Touch Screen LCD Display

High Efficiency Design

Low Power Consumption

Electrical Requirements

3 Phase, 240V or 208V (60 Amps) (480V or 440V
Power Requires a Transformer)

Air Requirements

80 PSI (7 CFM)

Warranty

One Year Warranty On All Parts



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