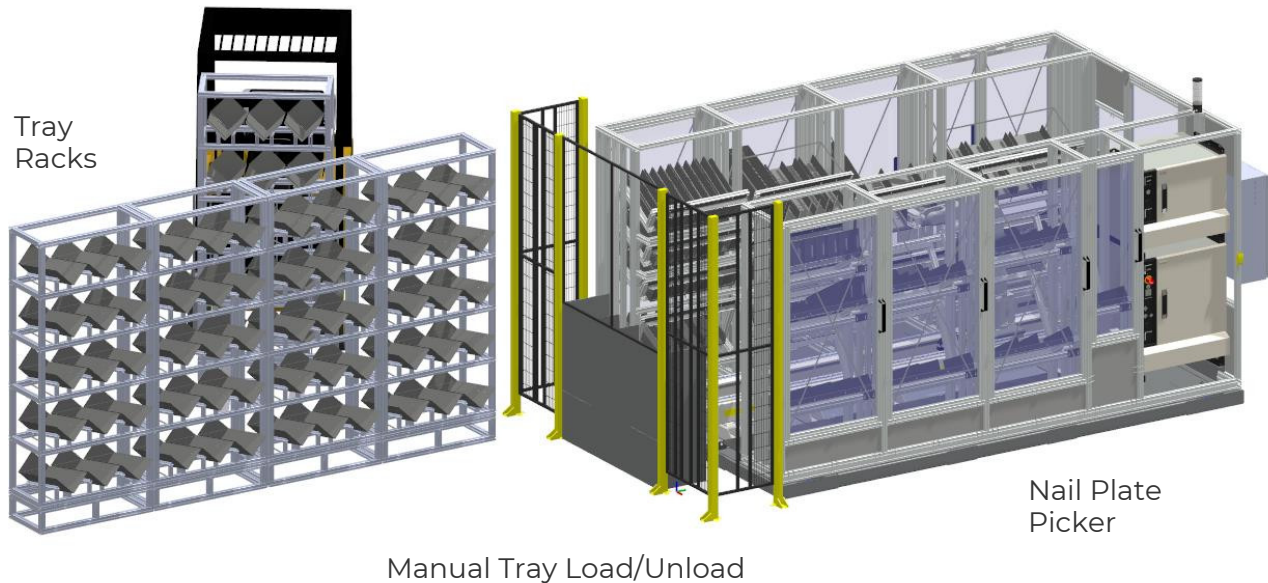


Robotic

NAIL PLATE PICKER

Realized robotics available today for increased truss component manufacturing



REDUCE LABOR

Minimal operator needs for material handling. Increased safety with reduced interaction with connector plates.



BOOST PRODUCTION

Average 6 seconds per plate pick rate. Reduced pick errors with computerized plate sequencing.



FLEXIBILITY

System designed to pick connector plates from most manufacturers. Configurable to 65+ sizes - including all common sizes.

House of Design's Robotic Nail Plate Picker picks and sequences connector plates into trays based on current truss design, seamlessly organizing and prepping for increased efficiency and overall productivity. The Nail Plate Picker provides for reduced pick errors, plant organization and optimal material use.

Each tray can have one truss or multiple trusses. The racks store multiple trays and are delivered to assembly tables via forklift or other means. The operator loads and unloads trays from the system. This same operator replenishes connector plate magazines.

Information on software and complete rate data sets are available upon request.

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TECHNICAL SPECIFICATIONS

Components

Manual Tray Infeed
Automated Nail Plate Picker
Trays & Racks

Dimensions

Station footprint: 15' X 8', 7.5' tall. Station may be expanded with additional trays and racks
Minimum connector plate size: 1" X 3"
Maximum connector plate size: 10" X 20"

Software

House of Design TEd Software

Safety

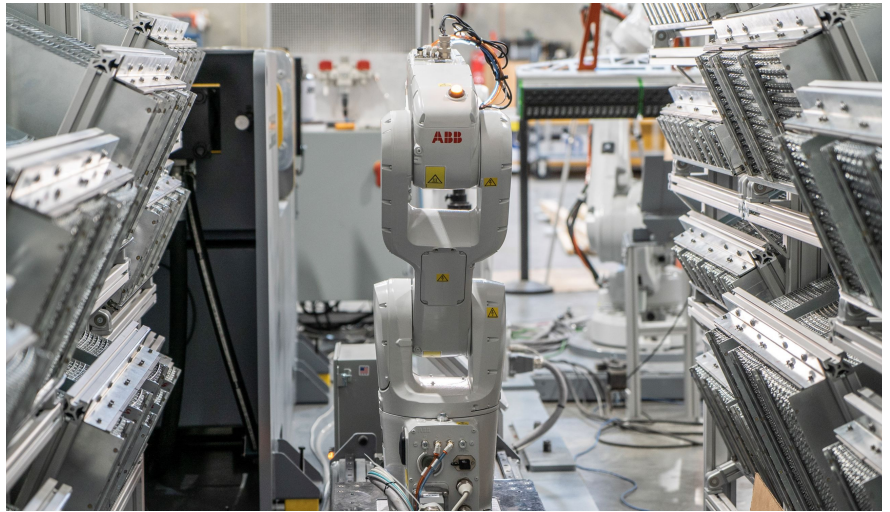
Meets ANSI Robot Safety Standard,
ANSI/RIA R15.06-2012

Requirements

Personnel - 1 operator is required
Electricity - 480 VAC 3 Phase 50/60Hz
UL listed electrical cabinets
Air - 110 PSI clean, dry air

Environment

Indoor operation
Relative humidity at or below 85%
Ambient temperature 32° – 104°F (0° - 40°C)



House of Design's Robotic Nail Plate Picker is a great stand alone product for introducing robot automation to truss plants or as part of a fully integrated floor or roof truss assembly system. Call us today for a consultation on how robotics integration can transform your business and ease your labor issues.



**Call & order your ROBOTIC
NAIL PLATE PICKER today.**

800.521.9790

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ALPINE, an ITW Company, the exclusive representative for
House of Design's Automated Roof & Floor Truss Systems



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