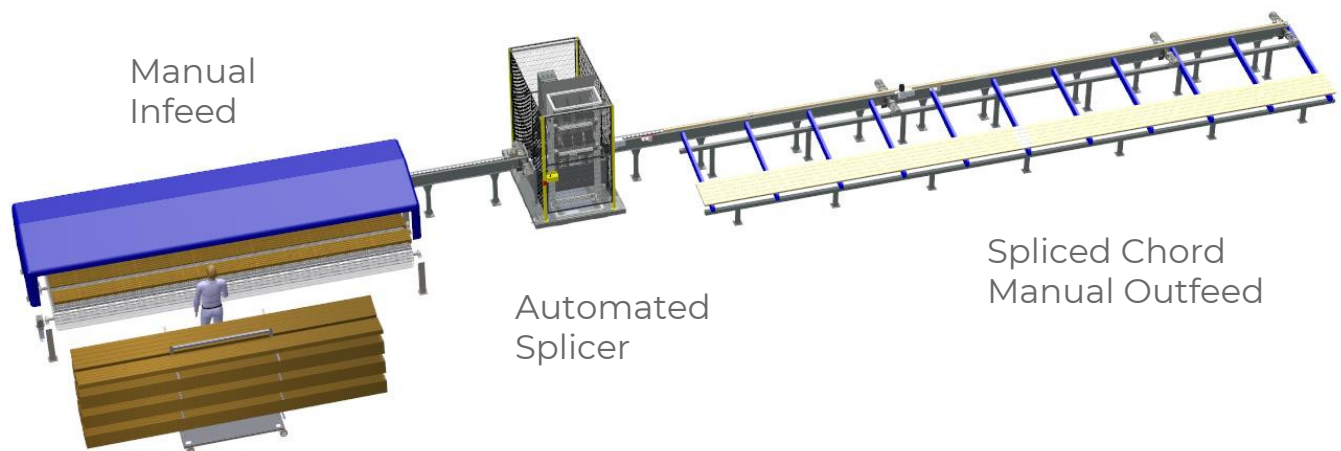


# Robotic SPlicing STATION

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**

Reduced errors and downtime. Feed multiple tables. Rate is dependent on how many splices per chord.



## **FLEXIBILITY**

System designed to pick connector plates from most manufacturers. Comes with 14 configurable magazines.

**House of Design's Automated Splicing Station** is designed to pick connector plates from most manufacturers and splices multiple members together.

The infeed is manually loaded in the sequential order of members that need to be spliced. The splicer positions the chords that were automatically fed via the infeed. An industrial robot picks plates from magazine racks. The robot then places connector plates on both sides of the chord. The splicer actuates and the spliced chord passes to the outfeed for manual unloading.

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

# Automated **SPLICING STATION**

Realized robotics available today for increased truss component manufacturing

## TECHNICAL SPECIFICATIONS

### Components

Manual Infeed  
Automated Splicer  
Manual Outfeed

### Dimensions

Station footprint: 70' X 15'  
Maximum size of a member is 2x4x20'  
Minimum length is 45" to automatically splice

### Software

House of Design TEd Software

### Safety

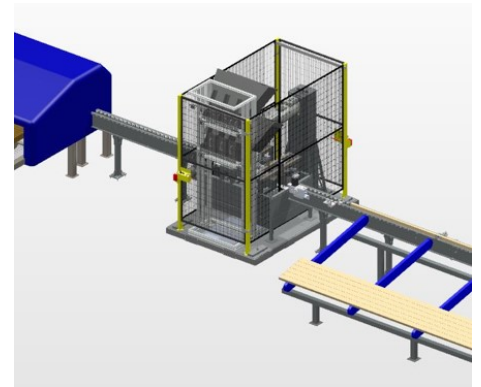
Meets ANSI Robot Safety Standard,  
ANSI/RIA R15.06-2012

### 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)



The **House of Design Automated Splicing Station** is a great stand alone product for introducing robot automation to truss plants or as part of a fully integrated floor truss assembly system. Call us today for a consultation on how robotics integration can transform your business and ease your labor issues.



Visit our website for system photos, video & simulations.  
208.495.0555  
sales@thehouseofdesign.com

**Call & order your ROBOTIC  
SPLICING STATION today.**