

# RANGER™ RETRIEVAL SYSTEM

An automated lumber retrieval system that supplies lumber to MiTek's® MatchPoint® BLADE™ wood processing system.



## PHYSICAL DATA

<b>Components</b>	Trolley with picking head attached to overhead runway truss Bunk carts or magazine carts Crowning infeed deck
<b>Length of runway truss</b>	30', 40', 50', 60', 70', 80', 90', 100' Other lengths available upon request
<b>Size of trolley motor</b>	2 hp

## PERFORMANCE DATA

<b>Speed of trolley</b>	Up to 500 fpm without lumber; up to 350 fpm with lumber
<b>Minimum board length</b>	6'
<b>Maximum board length</b>	16' or 20'
<b>Minimum board size</b>	2x3"
<b>Maximum board size</b>	2x12"

## FEATURES

- Integrates with BLADE wood processing system for seamless feeding.
- Locates lumber using a precision laser sensor.
- Uses vacuum to pick lumber and transport it to infeed.
- Crowns boards automatically.
- Holds boards in queue on infeed deck.

## ELECTRICAL DATA

### Electrical specs

230 VAC

60 Hz

3-phase

## SAFETY DATA

### E-stops

Pushbutton

E-stop

### Obstruction sensors

Located on trolley

### Spring brake

For stopping trolley quickly in an emergency

### Fixed custom fence

Surrounding infeed deck, standard carts, and magazine carts

### Light curtains

Mounted on openings in fence where lumber is loaded

## OPTIONS

- May customize the length of the runway truss to fit an existing plant layout
- May choose option to load from saw side or opposite side of runway truss