

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

Physical Data of System

Components:	Trolley with picking head attached to overhead runway truss Standard carts or magazine carts Infeed deck								
Length of runway truss:	20'	30'	40'	50'	60'	70'	80'	90'	100'
Size of trolley motor:	2 hp								

Performance Data

Speed of trolley:	Up to 500 fpm without lumber; up to 350 fpm with lumber								
Minimum board length:	6'								
Maximum board length:	16' (standard) 20' (optional)								
Minimum board size:	2x3"								
Maximum board size:	2x12"								

Features

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

Electrical Data

Electrical specifications:	230V
	60 Hz, 3-phase

Safety Features

- E-stop pushbutton located on the operator control station
- Obstruction sensors located on trolley
- Powerful 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 either left side or right side of runway truss
- May choose option to feed from either front or rear of saw to the infeed