

Maximize the efficiency of the  
ALS 4.0 Linear Saw with the

# Ranger RS Lumber Retrieval System



## The Ranger Lumber Retrieval System

Built by Acer with customized programming by Alpine; advanced design, superior fabrication and modern controls make the **Ranger Lumber Retrieval System** a highly sought after accessory for The Alpine ALS 4.0 Linear Saw.

The **Ranger Lumber Retrieval System** is a fully automatic laser guided system for feeding the ALS 4.0 Linear Saw. Bunks of lumber are stored on carts located below a trolley. The Ranger uses a sophisticated vacuum design to quickly move lumber from lumber carts to the saw infeed. This reliable, easy to maintain system is built on a rigid overhead truss to run and load the Alpine ALS 4.0 with maximum efficiency.

The **Ranger Lumber Retrieval System** keeps track of the inventory in the carts. At start up, the trolley moves to the end of the system to scan the lumber supply. This allows the system to learn the lumber available for the next job. The system updates the inventory count as it works and if one bin runs out of lumber and there is another bin with that same type of lumber, the system will automatically move to the bin containing inventory, without stalling production.

- Increase speed
- Minimize errors
- Reduce labor
- Boost production



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## Technical Specifications

**Lumber lengths:** 6' to 20'

**Lumber sizes:** 2x3 – 2x12

**Number of Bays:**

- Minimum = 4
- Standard = 6
- Maximum = 16

**Pick up:** Vacuum

**Safety Features:**

- Fence
- Light curtain
- Photo eyes
- Spring brake chamber

**Infeed Deck:** Holds 3 pieces of lumber

**Carts:**

- Lumber – Holds a Bunk
- Magazine – up to 5 stations

Increase productivity and minimize labor by adding a Ranger Lumber Retrieval System to your Alpine ALS 4.0 Linear Saw. Eliminate cutting errors and lost pieces by automatically picking the right piece of lumber every time.

Made by Acer, in America, the Ranger Lumber Retrieval System is the fast and easy way to get the most from your Alpine ALS 4.0 Linear Saw.



The Ranger loads an infeed designed specifically for the Alpine ALS 4.0. The Ranger automatically picks and places the board onto the infeed guaranteeing correctly sized boards enter the saw in the right order.

The infeed holds the next three boards needed by the saw, ensuring that the saw operation is continuous.



The Ranger has its own control panel that is used for startup and trouble shooting. During production, all Ranger functions are controlled by the ALS 4.0 Linear Saw.



Two types of carts are available with the Ranger. Lumber carts hold a full bunk of lumber and are sloped for lumber stability during picking. Magazine carts hold quantities of lesser used lumber and have moveable posts to customize their configuration.



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Call Alpine Equipment at  
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