

Pallet Level Loaders Speed Loading and Reduce Risk of Injury

About Southworth

Southworth Products Corporation is the world's largest manufacturer of ergonomic materials handling equipment for vertical lifting and work positioning, designed to improve worker productivity while reducing the potential for worker injuries.

Whether you're lifting and positioning work, handling pallets, working with parts in containers or transporting loads, Southworth has a lift table, pallet positioner, pallet lifter, container tilter, portable lift table or stacker to make the job faster, safer, and, easier.

We also employ the largest most experienced engineering staff in the business so a custom engineered solution is always an option.

SOUTHWORTH

making work faster, safer, and easier since 1890

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"The equipment seemed expressly designed for our needs,"

Plant Manager

Growth & Impact



It virtually eliminated bending and reaching



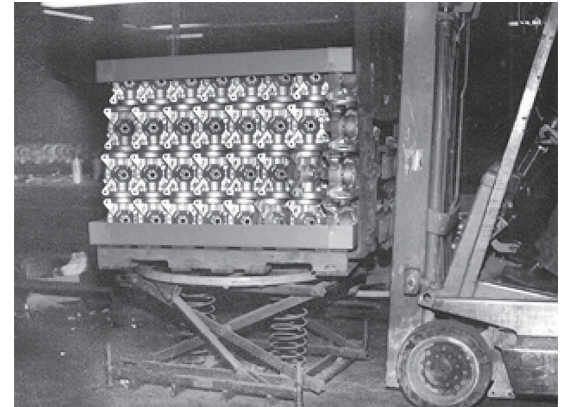
Workers experience less fatigue



Pallets are able to be loaded faster

Pallet Level Loaders Speed Loading and Reduce Risk of Injury

Pallet level loaders reduce work required for loading/unloading pallets while reducing injury



The Problem

A plant in Texas specializes in the design and production of custom aluminum die-castings for a wide variety of industries. The company employs over 300 workers in a 135,000 square foot plant. Always alert to the well-being of its employees, management was especially concerned with a pallet loading operation that involved constant reaching and bending as workers loaded finished castings for shipment. The finished castings were placed on a pallet resting on the floor. Each pallet holds about 200 pieces in five layers and workers had to inspect, package, and load as many as 700 or more five to ten pound castings per shift. It was tiring work and fatigue was a real problem. The plant manager, had this concern in mind when he learned about PalletPal® Pallet Level Loaders. “The equipment seemed expressly designed for our needs,” the manager said.

The Solution

We arranged for a demonstration. “From the moment the first pallet was loaded, it was obvious to all concerned that the PalletPal® Pallet Level Loader was just what the doctor ordered. And our employees couldn’t be happier. It virtually eliminated tiresome bending and reaching.”

The unit lowers or elevates as weight is added or removed. No power is needed. The unit uses load-calibrated, heavy duty springs to keep pallets at the most convenient loading or unloading height. And a low friction, bearing supported turntable revolves to make all parts of the load easily accessible without reaching and stretching to get far-side items.

Studies show that Level Loaders can cut the work required for loading and unloading pallets with time savings of over 40 percent. The equipment is completely maintenance free, with no motors or hydraulic systems to need attention.

“Anytime there’s an application where the unit could be put to work, we wouldn’t hesitate to place an order. We’ve experienced a reduction in the time involved in loading the pallets, and our people don’t get nearly as tired. And, of course, it reduces the risk of injury. I say whenever you have to stack something on a pallet, this unit is the answer.”

“From the moment the first pallet was loaded, it was obvious that the PalletPal® Pallet Level Loader was just what the doctor ordered.”

Plant Manager - Custom Aluminum Casting Company