

**SOUTHWORTH®**

# Transformative Solutions in Pallet and Cart Handling

*Unload pallets and carts faster, safer, and more efficiently with a revolutionary new mast lift from Southworth.*



# Mast Lift

The new Southworth mast lift positions loads at optimal ergonomic heights, reducing the repetitive bending and stretching typically associated with ground-level unloading. Its low-profile platform can be easily loaded with a pallet jack—no forklift needed.



**Work Positioning**



**Pallet Handling**



## Fast

Improve productivity: The mast lift's cartridge-style electro-hydraulic actuator offers faster platform movement with no hydraulic maintenance required.

- ✓ Seven-second travel time; up to 3× faster than traditional hydraulic solutions.
- ✓ Platform design allows unloading from up to three sides, minimizing time spent walking around pallets.

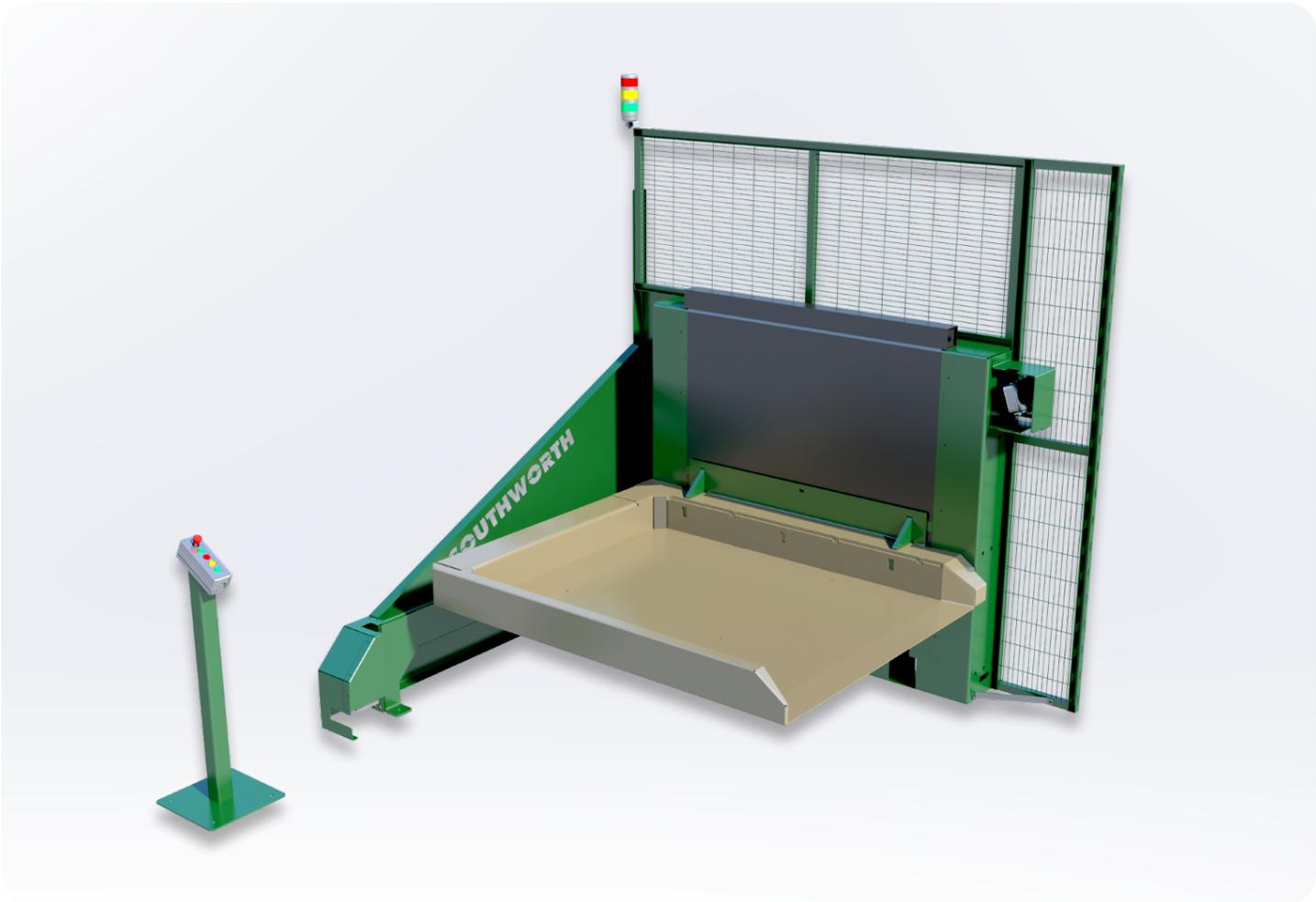
## Safe

- ✓ Multiple nanoScan® safety scanners detect operators or obstructions around or beneath the moving platform.
  - Any detection within the scan zone stops the platform within 200 ms.
  - Additional scanners can be added to meet specific application requirements.
- ✓ Mechanical guarding prevents operators from reaching around or over the back of the mast.
- ✓ Safety redundancies avert sudden lowering due to mechanical or electrical failure.
- ✓ All moving parts are contained within the mast, eliminating potential pinch points.
- ✓ One or more E-Stop buttons are included.

## Efficient

Southworth's new mast lift features a modern, efficient design that simplifies installation, operation, and maintenance.

- ✓ Soft start/stop functionality gently lifts and lowers loads to reduce instability.
- ✓ Unit can be transported and repositioned using only a pallet jack—no forklift required.
- ✓ Pre-wired connections enable plug-and-play installation.
- ✓ Safety scanners are factory pre-set.
- ✓ Status indicator light displays machine condition for easier troubleshooting.
- ✓ Sealed actuation system eliminates hydraulic leaks and maintenance; actuators are easy to remove and replace.
- ✓ High-cycle-rated components are standard, reducing long-term maintenance requirements.



## Specifications

Platform Size (L x W)	44 x 56 in	1,118 x 1,422 mm
Maximum Capacity	1,800 lb	816.5 kg
Rise/Lower Time	Approx. 7 sec	Approx. 7 sec
Primary Voltage	230V, 1PH	230V, 1PH
Control Voltage	24V DC	24V DC
Platform Raised Height	36.5 in	927 mm
Lowered Height	.5 in	12.7 mm
Standard Footprint (L x W x H)	83 x 76 x 80 in	2,108 x 1,930 x 2,032 mm

## Solutions for a More Productive Workforce

Southworth provides ergonomic work solutions across a range of industries and applications, helping to create safer environments, improve productivity, and optimize operations.

The new mast lift is ideal for warehousing and distribution, transportation and logistics, industrial and manufacturing environments, and more.

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For additional information about this new evolution in pallet and cart unloading, contact your Southworth representative.

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