



ESC-AD

3,000 – 4,000 lbs.

Three Wheel Stand

Achieve best-in-class status.

Your business is growing at a faster pace than ever, bringing some very real challenges. Managing seemingly infinite SKUs, a growing operational footprint and an influx of racks can cripple operational efficiency and cause excess travel time. Just what you need while facing pressure for faster delivery times, right?

Did you know: Best-in-class operations ship more than 99.87% of shipments on time.*

What's the secret to achieving best-in-class status amidst all these challenges?

The answer is having the right lift truck to:

- Move products smarter and more efficiently
- Make better use of available warehouse space
- Decrease labor and maintenance costs

The Yale® ESC030-040AD three-wheel stand can get you there.

The perfect fit for dock and drive-in/drive-through rack applications in:

- Retail stores
- Wholesale/distribution – food and consumables
- Warehouse and 3PL
- Light manufacturing
- Food processing



* Source: 2015 Warehousing Education and Research Council (WERC) DC Measures Report).

Maneuverability that takes you places.

More SKUs, more racks and more ground to cover means your operation runs at full throttle to keep up. You need trucks specifically designed for efficient operation in tight quarters, so you can drive the throughput necessary to meet customer service expectations.

With one of the tightest turning radiuses in the industry, the Yale® three-wheel stand whips in and out of small spaces, taking maneuverability to a new level.

A turning radius that means business

As the truck turns, the inside motor slows, stops and reverses to minimize turn radius, making stacking in limited space and congested loading bays easier than ever.

- Standard, dual independent AC drive motors with separate drive controllers provide optimal maneuverability while turning.
- Dual steer tires with hydraulically actuated rack and pinion steering axle enable precise, reliable control.
- Ability to load position on an incline minimizes likelihood of product damage from unintended load contact.

ESC030AD
Turn radius - 50.7"



Designed for all-day productivity.

Labor costs can eat anywhere from 50-70% of your budget.* The three-wheel stand is designed to get the most from labor expenditures by keeping your operators sharp and on task.

By offering state-of-the-art features and enhancing comfort, the three-wheel stand not only helps your operators work more precisely and efficiently, but helps reduce fatigue, boost operational productivity and decrease labor costs.



Multifunction control handle

Provides simultaneous control of travel and hydraulic functions, including forward/reverse, lift/lower, horn, tilt, optional sideshift and fourth auxiliary hydraulic function. The integral thumb rest and operator grip pad increase comfort and allow use with freezer gloves. The handle is fully serviceable down to individual switches, reducing replacement costs up to 59%.



Yale® Smart Operator Sensing System

With no pedals to stand on, the system offers more useable floor space than leading competitors, allowing operators to comfortably reposition both feet during operation. Detection sensors serve as a training aid, confirming proper operating position.



Yale® Smart Ride Floor System

Eliminates up to 65% of shock and vibration transmitted to the operator, an advantage of 17% more isolation over leading competitors. Maintenance free design requires no adjustments for operator weight, and functions in extreme temperatures (from -40° F to 120° F) and harsh conditions..



* Source: Labor management strategies in the warehouse – Research Report 2014.



- 1 **Mast** - Rugged design ideal for medium to heavy duty applications. Provides fast lift and lower speeds with the necessary visibility for productive operation.
 - **Clear View™ mast** (optional) - Unique nesting of mast channels, relocated hoses and chain design provide up to 40% greater visibility than leading competitors.
 - **Hi-Vis™ mast** (standard) - Potent combination of visibility and rigidity to keep operators working confidently.
- 2 **Integral sideshift fork positioner** (optional) - Allows operator to quickly sideshift forks while simultaneously moving them in or out to handle different pallet configurations, right from the operator compartment. This affords greater capacities than carriage mounted sideshifts.
- 3 **Unique flat plate overhead guard** - Delivers added visibility and operator protection. Available in 88-inch standard profile heights.
- 4 **Fully padded armrest, backrest and contoured compartment** - Makes the operator compartment a more comfortable, productive work environment.
- 5 **Standard premium dash display** - Provides discharge indicator bar graphics, steer angle graphics, travel direction, traction throttle and truck speed. Common with other Yale® models.
- 6 **18-inch drive tires** - Offers 12.5% larger tires than leading competitors to aid in smoother ride over expansion joints, dock plates and other irregular floor surfaces.
- 7 **Four battery compartment sizes** - (13.8, 16.0, 18.3 and 20.8 inches) – Provide equal or better right angle stack dimensions than leading competitors, and smaller 13.8-inch battery compartment allows for greater maneuverability in aisles or trailers as small as 9.5 feet wide.

Innovation that puts you in control.

You know where your operation needs to go – you just need the right equipment to take you there. Innovative features and top-of-the-line components make the three-wheel stand a reliable, productivity-enhancing tool that empowers your operation to reach new levels of performance.



Yale® iSi Technology™ - Offers familiar, consistent interface among other Yale® warehouse trucks, enabling easier operation and service. Ties together functionality, software, diagnostic codes and similar interfaces, and is Yale Vision compatible.

AC technology - Achieves excellent travel speed and control through entire speed range via an AC transistor traction controller and master controller with CANbus communication. The AC transistor lift pump control matches pump speed with hydraulic flow requirements for increased efficiency and quieter operation, without the use of brushes, reducing maintenance requirements.

Precision load positioning - Enables the operator to stop, hold and restart on a grade with less than an inch of roll back, providing precise control when working on ramps, uneven dock plates or trailers.

Auto deceleration system - Significantly improves brake life by engaging electric park brake when the AC traction motor reaches zero for at least one second, minimizing brake usage requirements and wear.

Thermal management system - Motors include internal temperature sensors that monitor and react to the motor's thermal state for self-protection.

Yale Vision - Wireless fleet management system that can drive fleet efficiency, improve operator performance, reduce carbon footprint and lower overall material handling costs.

Say no to downtime.

Idle trucks disrupt workflow, cause operator downtime, lead to inefficiently structured fleets and put you behind schedule. The three-wheel stand is engineered to be ready when you need it, with quality components, long-lasting performance and simple maintenance requirements to greatly diminish your chance of downtime and unplanned service.

Maintenance and service made simple

- Rugged frame and mast design offers durable, reliable performance.
- Brushless, maintenance-free AC traction and hydraulic motors offer reduced maintenance requirements.
- Self-protecting thermal management system improves motor reliability.
- Electrical system with CANbus communications reduces connections and complex wiring.
- Yale® Smart Operator Sensing System uses fewer moving parts than competitors, reducing the chance of component failure.
- Yale iSi Technology™ provides common diagnostics with other Yale® trucks for simpler service.
- Dash display enables easy diagnostics and trouble shooting.
- Component covers require no tools to access powertrain.
- Dual battery gates allow battery removal or maintenance from either side.



For more information, or to find your nearest Yale® dealer, go to Yale.com.



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Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Consult your Yale® Industrial Truck Dealer if any of the information shown is critical to your application. Specifications are subject to change without notice. CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Classified by Underwriters' Laboratories, Inc., as to fire and electric shock hazard only for Type E industrial trucks.

Manufactured in our own ISO 9001 and 14001 Registered Facilities

2312 2/2017 All trucks shown with optional equipment.