



NR/NDR
030-045EC

NR/NDR
030-040DC

Pantograph reach truck

3,000-4,500 lbs.



Maximize cubic storage volume by going vertical.

NR/NDR030-045EC
NR/NDR030-040DC

SKU proliferation and e-commerce volumes have operations on the hunt for more space to house growing inventories – an expensive pursuit, especially with urbanization driving up the cost of expansion and new construction. But what if you could get more out of your existing footprint?

Take performance to new heights with the Yale® NR/NDR030-040DC and NR/NDR030-045EC. Engineered with a 3,000-4,500 lb. capacity range and single or deep reach capabilities, the pantograph reach truck combines the latest technology with next-level performance to help exceed expectations in high-density warehousing.



PRODUCTIVITY

Boost productivity by as much as 7% per truck, per shift, while using up to 20% less energy¹



ERGONOMICS

Provide a flexible, comfortable work environment to help maximize operator performance with industry-exclusive ergonomic features



VISIBILITY

Help improve confidence, precision and speed by providing operators up to 33% greater visibility through the mast²



COST OF OPERATION

Save up to \$2,500 per truck, per year with simple and cost-effective service³



NR035-040DC



NDR030DC



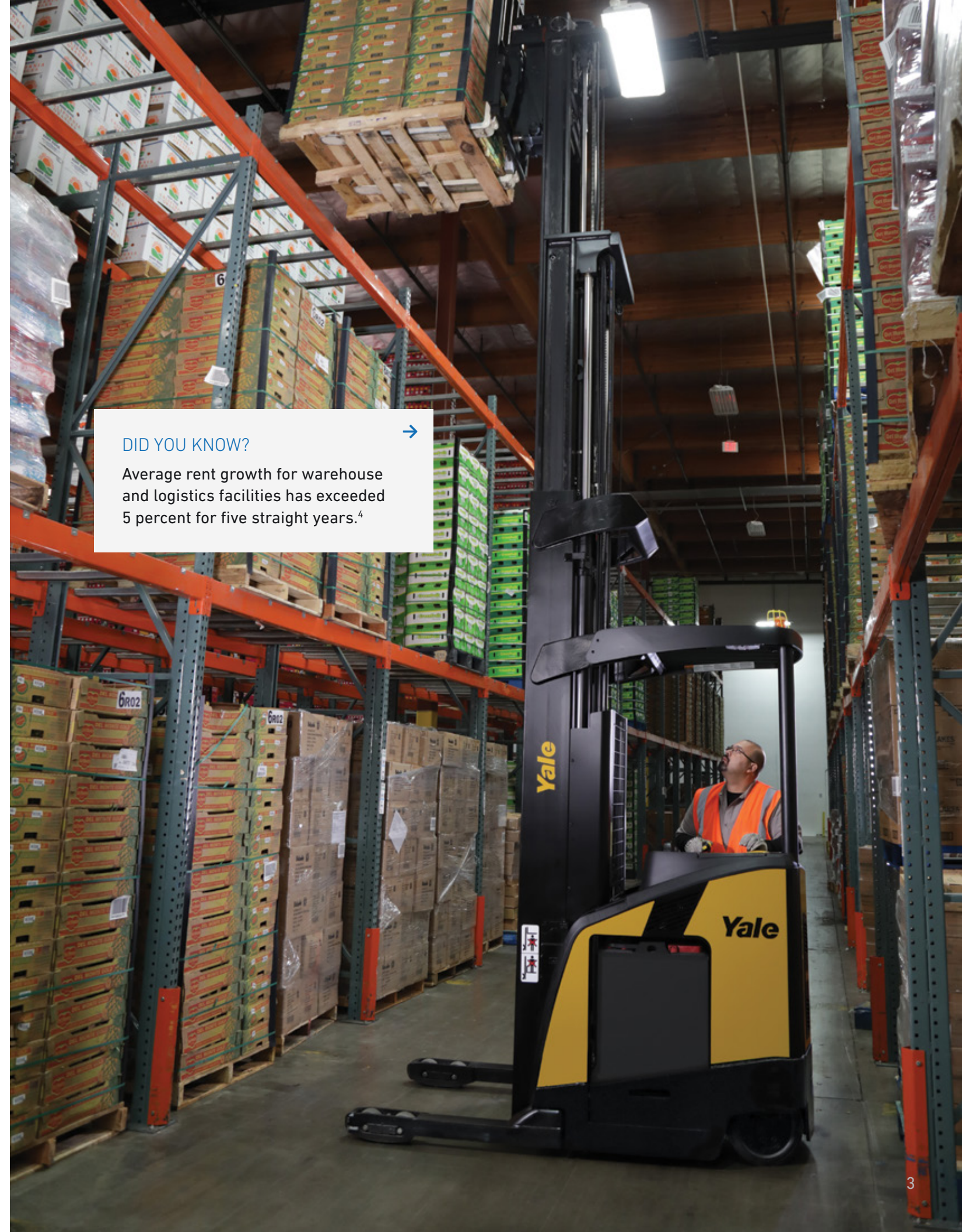
NR/NDR030-040EC
w/ optional 9.4" mast



NR/NDR035-045EC

DID YOU KNOW?

Average rent growth for warehouse and logistics facilities has exceeded 5 percent for five straight years.⁴



Move more with less.

E-commerce drives the industry-wide need for efficiency, with online shoppers accustomed to fast, free shipping. In the warehouse, this squeezes operations with expectations to do more with less – move more product with less labor, time, space and energy. It's a tall order.

But Yale® narrow aisle reach trucks are up to the task – moving more pallets than leading competitors while using less energy. You can increase productivity by as much as 7% per truck, per shift but use up to 20% less energy while you do it.



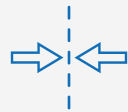
CYCLE TIMES

Engineered with industry-leading lift/lower speeds, helping shave seconds off each cycle.



ENERGY EFFICIENCY

Up to 20% less energy consumption than leading competitors means you can get more out of a single battery charge.



RETURN TO CENTER SIDESHIFT

Carriage automatically stops at center position, helping boost operator productivity and enable consistent performance.



RETURN TO SET TILT

Forks automatically set at predetermined tilt angle enabling consistent load placement and entry/exit positioning.



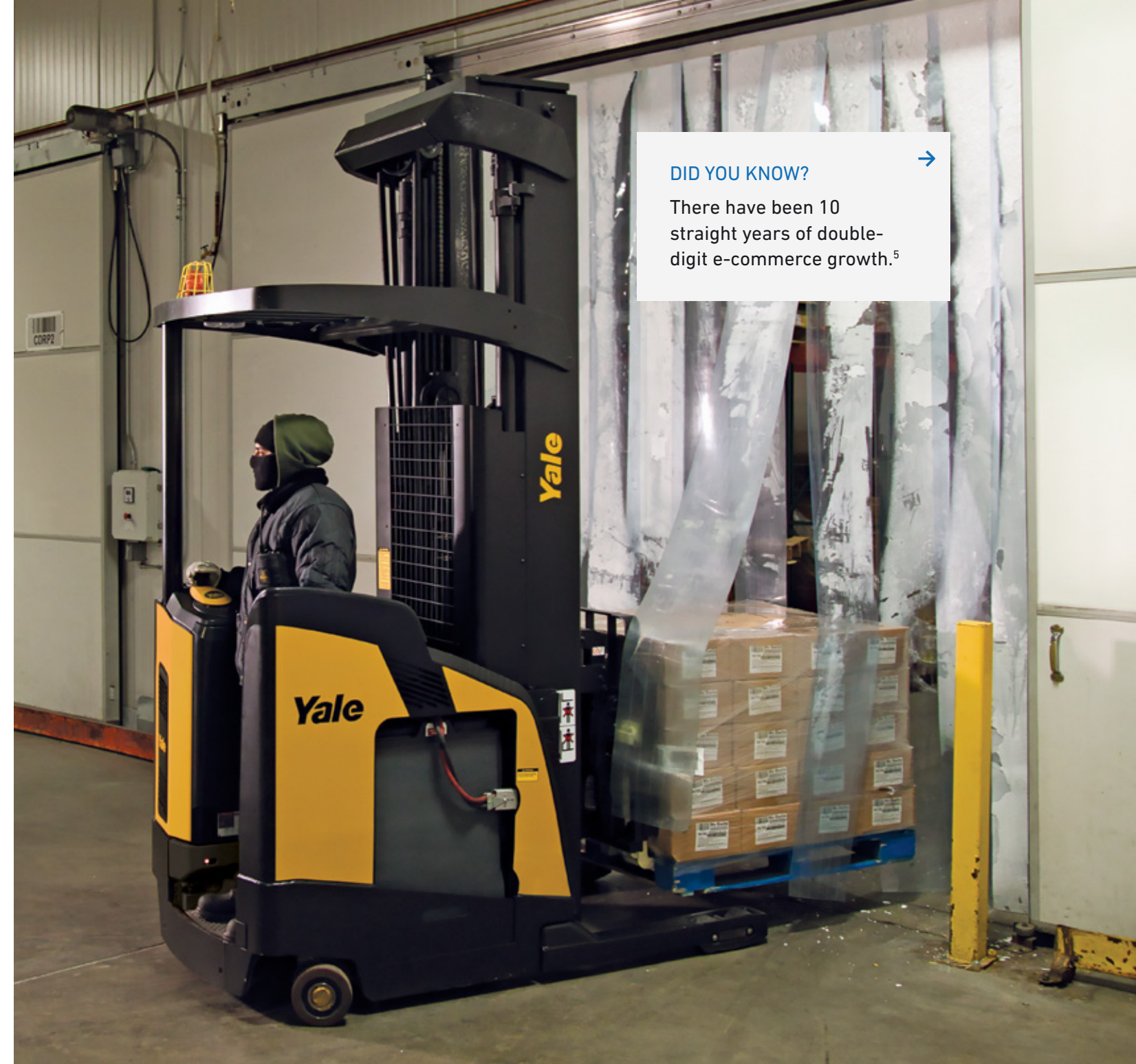
CAPACITY TO HEIGHT

The ability to lift heavier loads to greater heights allows you to truly take advantage of higher-level storage locations.



DOUBLE REACH CAPABILITIES

Easily reach into storage positions that are two pallet loads deep, helping maximize storage density without compromising fast storage and retrieval.




DID YOU KNOW?

There have been 10 straight years of double-digit e-commerce growth.⁵

You can boost productivity with just one additional pallet move per hour.

 up to **17** free days of labor

 up to **7%** more productivity

 up to **7%** less overtime

That's the power of **one.**

Built around the operator.

Over the course of a shift, operator productivity can decrease by as much as 30%. With pressure to meet strict service requirements for speed and accuracy in today's e-commerce-driven supply chain, you simply cannot afford that decline. Yale® pantograph reach trucks are meticulously designed around the operator with features to improve comfort and help reduce fatigue, delivering higher productivity and efficiency all shift long.

The NR-NDR series offers a generous lineup of standard features for operators to find their ideal position for productivity all shift long:



FORWARD STANCE WITH AFT TRAVEL CONTROL HANDLE AND AUTOMOTIVE STEERING + Δ

Natural steering familiarity in both directions can help shorten training time for new operators and may reduce facility and product damage.

MULTIFUNCTION FULL-COLOR TOUCH-SCREEN DISPLAY

Offers quick access to functionality, software and diagnostic codes. Yale Vision compatible. (shown with rotary joystick)⁶

ADJUSTABLE ARMREST⁸

Standard feature that provides up to 3-inches of horizontal adjustment to help operators optimize comfort

ADJUSTABLE BACKREST⁸

Allows operators 6 inches of vertical adjustment to suit operator preference and help optimize comfort

ADJUSTABLE STEER TILLER

Allows the operator to position the steer tiller closer or farther away, depending on operator preference

REMOVABLE COMPARTMENT STORAGE

Give operators a secure place to put documents, electronics or other items they need to perform

OPERATOR SENSING SYSTEM Δ

A pedal-free design that allows operators to adjust stance and provide a comfortable, more intuitive working environment

E-Z RIDE FLOOR

Durable rubber isolator floor system provides a comfortable ride to help keep operators focused and productive

YALE® SMART RIDE FLOOR + Δ

Suspended floor system alleviates up to 60% of shocks and vibrations transmitted to operator to help promote comfort all shift long⁷



RAISED OVERHEAD GUARD⁹

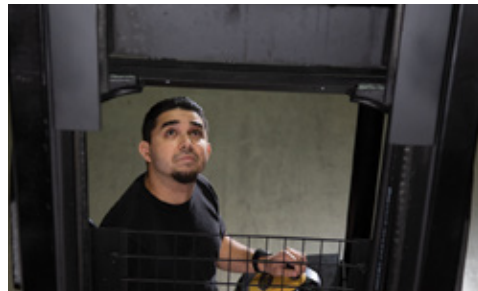
The overhead guard has been raised to 95" which provides for more head clearance for the operator and improves their sight line visibility for 2nd and 3rd positions of the racking structure

BLUE LED PEDESTRIAN AWARENESS LIGHTS +

Casts blue spotlight in front of or behind truck's directional path and can assist with awareness around corners and congested spaces with poor visibility

See the benefits of visibility.

Yale pantograph reach trucks are designed to help operators handle products with precision and consistency. With up to 33% greater visibility through the mast than competitors, operators can see fork tips and eliminate the guesswork when placing loads at ground, first, second and third levels. This can help reduce facility, product and truck damage, while allowing for enhanced speed and productivity.



MAST OPENING

Provides up to 33% greater visibility than leading competitors, allowing operators to see the forks and load when picking at height and down the aisle when traveling forks first.



LOWERED REACH MECHANISM

Helps improve aisle visibility while traveling forward and minimizes postural adjustments to optimize line-of-sight.



FRAME PROFILE

Improves base arm and fork tip visibility, allowing for precise control when interfacing with racking to pick and place pallets.



NOCHED LOAD BACKREST WITH ANGLED BAR ^Δ

Helps provide operators with natural sight lines for clear view when picking up and dropping off pallets.

^Δ = Industry exclusive



YALE RELIANT™ ⁺

A robust technology suite designed to reinforce lift truck operating best practices and support operator situational awareness. The system proactively limits equipment performance based on location and operating conditions, while keeping the operator in control of the truck. (available in NR045EC only)



WIRELESS CAMERA W/BUILT-IN LED LIGHTS ⁺

Provides an illuminated, fork-level view to assist operators in placing or retrieving loads at height; option is mounted to the base of the carriage frame, level with forks and connects wirelessly to the multifunction full-color touch screen display.¹⁰



FORK LASER LEVEL ⁺

Automatically emits a green horizontal laser line to show fork positioning and help boost operator accuracy.

⁺ = Optional equipment

Simplicity at your service.

At Yale, we understand the challenges a technician shortage can bring. That's why we engineered our narrow aisle reach trucks to require less maintenance to begin with, and make service tasks easier when necessary, helping technical personnel be more efficient.

In fact, you can reduce overall cost of operation by saving up to \$2,500 per truck, per year in scheduled maintenance costs compared to the competition.



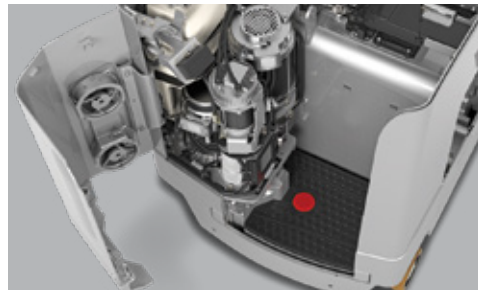
PANTOGRAPH

Can be disassembled in 4 steps to service or replace parts without removing the carrier from the mast.



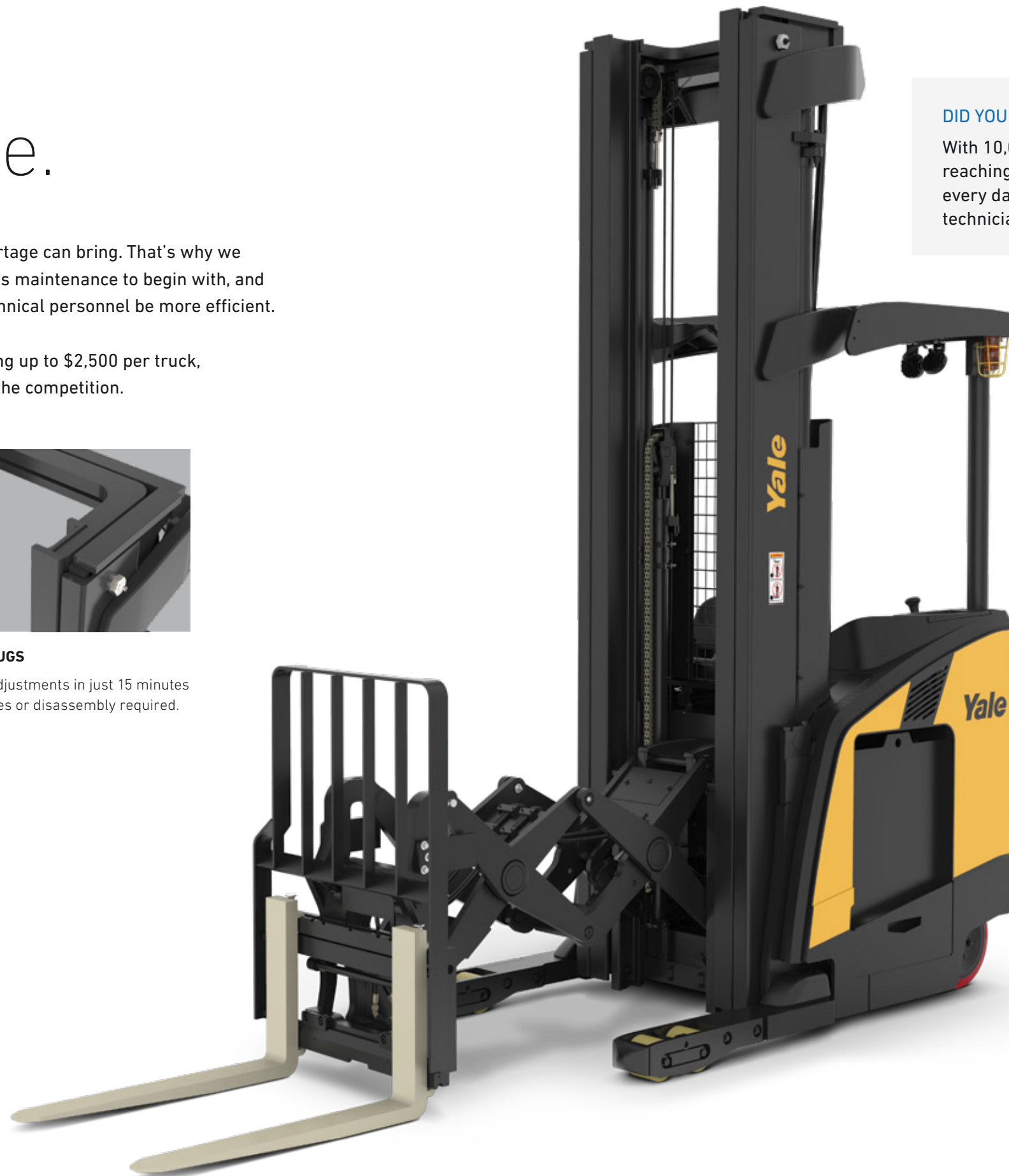
MAST WEAR PLUGS

Allow for mast adjustments in just 15 minutes - no shims, gauges or disassembly required.



ACCESS DOOR AND COVERS

Provide technicians tool-free access to motors and controls.



DID YOU KNOW?



With 10,000 workers reaching retirement age every day,¹¹ the pool of skilled technicians gets smaller too.



YALE VISION+

Provides insights and controls to help improve operator behavior, control access to equipment, confirm pre-shift checklist completion, and monitor equipment and operator utilization.

Quality we stand behind

WARRANTY TYPE

- Full truck
- Powertrain
- Frame

WARRANTY PERIOD

- 12 month / unlimited hours
- 3 years / 6000 hour
- Lifetime

About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

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MATERIALS HANDLING FOR:

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Food processing


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Government

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Home centers & durables

Retail & e-commerce

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Trucks may be shown with optional equipment and/or features not available in all regions. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

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.

¹Competitive comparison data validated through internal testing and in customer applications using the following models: Yale® NR/NDRO30-045EC; Raymond SD 7500 / Raymond HD 7520; Crown RR5725 / Crown RM6025; specific customer results may vary. ²Compared to leading competitors (Raymond 7500-R45TT, 7520-R45TT, Crown RR5725); requires the Premium/Premium XL 9.4" mast; available on NR040-045EC and NDR030-035EC models.

³Calculation based on adhering to OEM recommended maintenance intervals and average \$100/hour maintenance labor costs; operating 2000 hours/year. ⁴CBRE Research - Real Estate Market Outlook 2020. ⁵eMarketer - US-

E-commerce 2019. ⁶Optional rotary joystick for standard construction environment, comes standard with cold storage environments. ⁷Compared to leading competitors (Raymond SD 7500 / Raymond HD 7520; Crown RR5725 / Crown RM6025). ⁸Available only on the side-stance operator compartment. ⁹Requires masts with an overall height ≥95". ¹⁰Requires the Premium/Premium XL 9.4" mast; available on NR040-045EC and NDR030-035EC models.

¹¹Bridgeworks - The Demographic Shift.