



State of West Virginia
Agency Request for Quote

Proc Folder: 1333396			Reason for Modification:
Doc Description: Clark NPX 22 Forklift or Equal			
Proc Type: Agency Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2023-11-29	2023-12-13 14:30	ARFQ 0608 DCR2400000064	1

BID RECEIVING LOCATION

VENDOR

Vendor Customer Code:

Vendor Name: *BURNS INDUSTRIAL EQUIPMENT*

Address: *156 MESA DRING*

Street :

City: *ST. ALBANS*

State: *WEST VIRGINIA* Country: *POTOMAC* Zip: *25177*

Principal Contact: *MONTY BARNETT*

Vendor Contact Phone: *304-755-9333* Extension:

FOR INFORMATION CONTACT THE BUYER

James W Atkins
(304) 352-4319
james.w.atkins@wv.gov

Vendor Signature X *Monty P. Barnett* FEIN# *251232695* DATE *12/8/23*

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Department of Homeland Security, Division of Administrative Services is soliciting bids on behalf of the West Virginia Department of Corrections and Rehabilitation - Mt. Olive Correctional Complex and Jail (MOCC&J) to Purchase a Clark NPX 22 Forklift or Equal

INVOICE TO		SHIP TO	
MT OLIVE CORRECTIONAL CENTER ONE MOUNTAINSIDE WAY		DIVISION OF CORRECTIONS MT OLIVE CORRECTIONAL CENTER 1 MOUNTAINSIDE WAY	
MT OLIVE US	WV	MT OLIVE US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Contract Item #1: Clark NPX 22 Forklift or Equal	1.00000	EA	\$ 56,008.70	\$ 56,008.70

Comm Code	Manufacturer	Specification	Model #
24101603	YALE	REACH TRUCK	NR045EC

Extended Description:

Contract Item #1: Clark NPX 22 Forklift or Equal

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Questions Due 2:00pm EST	2023-12-06

	Document Phase	Document Description	Page 3
DCR240000064	Final	Clark NPX 22 Forklift or Equal	

REQUEST FOR QUOTATION
ARFQ DCR240000064
Clark NPX 22 Electric Narrow
Aisle Forklift or Equal

- contained herein.
- 7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Items provided under this Contract.
 - 7.1.4 Failure to remedy deficient performance upon request.
- 7.2 The following remedies shall be available to the Agency upon default.
- 7.2.1 Immediate cancellation of the Contract.
 - 7.2.2 Immediate cancellation of one or more release orders issued under this Contract.
 - 7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

- 8.1 **No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 8.2 **Vendor Supply:** By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
- 8.3 **Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary Contract Manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract Manager must be available during normal business hours to address any customer service or other issues related to this Contract.

Vendor should list its Contract Manager and his or her contact information below.

Contract Manager:	MONTY R. BARNETT
Telephone Number:	304-841-2618
Fax Number:	304-755-9326
Email Address:	mbarnett@burnslift.com

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Monty R. Barnett, WV Sales Mgr.
(Name, Title)
MONTY R. BARNETT, WV SALES MANAGER
(Printed Name and Title)
156 MESA DRIVE, ST. ALBANS, WV 25177
(Address)
(304) 755-9333 / (304) 755-9326
(Phone Number) / (Fax Number)
MBARNETT@BURNSLIFT.COM
(E-mail address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

BURNS INDUSTRIAL EQUIPMENT
(Company)

Monty R. Barnett MONTY R. BARNETT WV SALES MGR.
(Authorized Signature) (Representative Name, Title)

MONTY R. BARNETT WV SALES MANAGER
(Printed Name and Title of Authorized Representative)

12/8/23
(Date)

(304) 755-9333 / (304) 755-9326
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code § 15A-3-14, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code § 61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Burns Industrial Equipment

Authorized Signature: *Thomas M. Joos Jr.* Date: 8/18/2023

State of Pennsylvania

County of Butter, to-wit:

Taken, subscribed, and sworn to before me this 18th day of August, 2023

My Commission expires 7-13-2024, 20

AFFIX SEAL HERE

Commonwealth of Pennsylvania - Notary Seal
Thomas M. Joos Jr., Notary Public
Allegheny County
My commission expires July 13, 2024
Commission number 1080510
Member, Pennsylvania Association of Notaries

NOTARY PUBLIC *Thomas M. Joos Jr.*

Purchasing Affidavit (Revised 03/09/2019)

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification. Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

BURNS INDUSTRIAL EQUIPMENT
Company

Marty R. Barnett
Authorized Signature

12/8/23
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

STATE OF WEST VIRGINIA
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code § 61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Burns Industrial Equipment

Authorized Signature: *Thomas M. Joos Jr.* Date: 8/18/2023

State of Pennsylvania

County of Butler, to-wit:

Taken, subscribed, and sworn to before me this 28th day of August, 2023

My Commission expires 7-13-2024, 20 .

AFFIX SEAL HERE

NOTARY PUBLIC *Thomas M. Joos Jr.*

Commonwealth of Pennsylvania - Notary Seal
Thomas M. Joos Jr., Notary Public
Allegheny County
My commission expires July 13, 2024
Commission number 1080510

Member, Pennsylvania Association of Notaries

Purchasing Affidavit (Revised 03/09/2019)



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



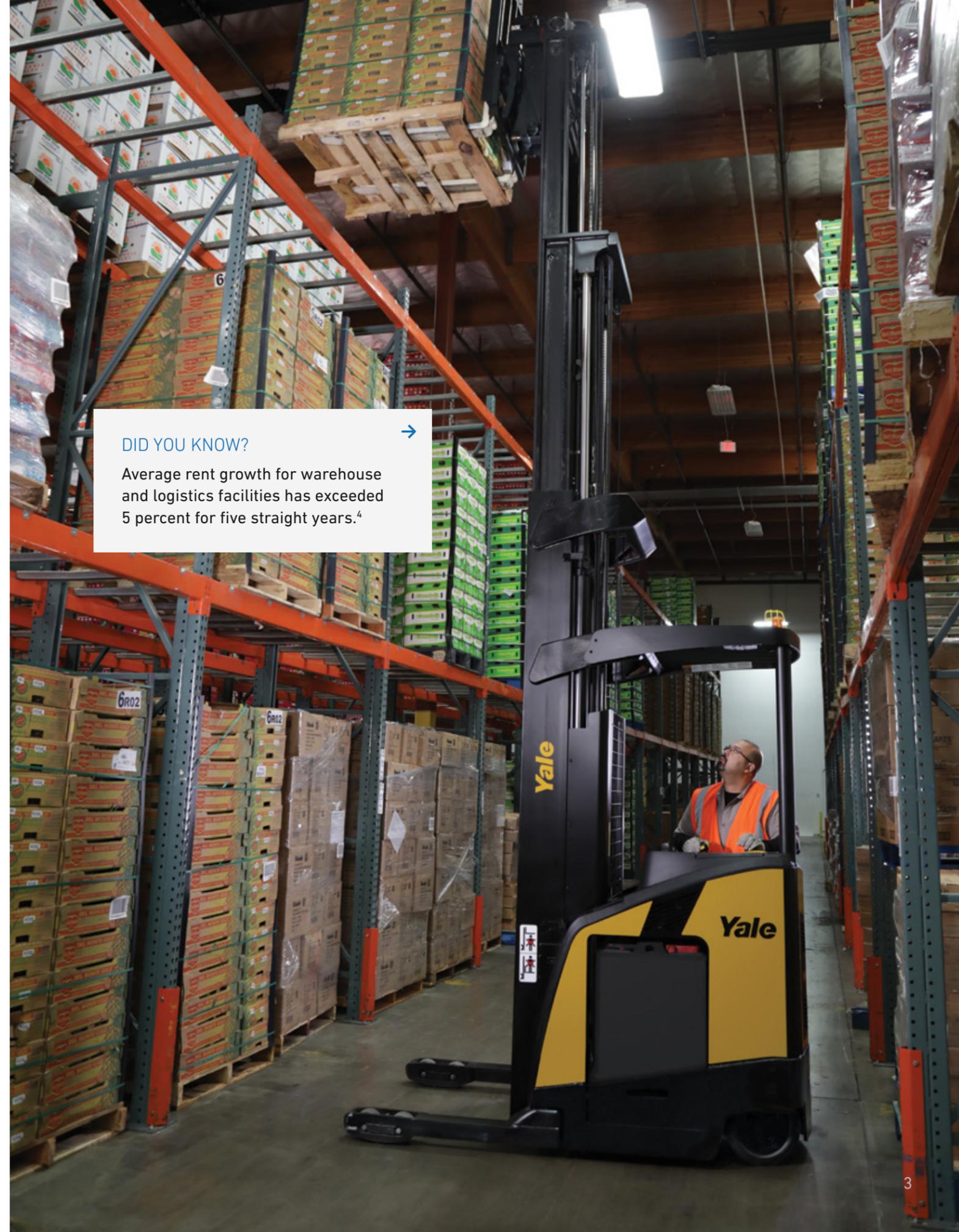
NR/NDR030-040EC
w/ optional 9.4" mast



NR/NDR035-045EC

DID YOU KNOW?

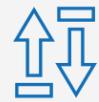
Average rent growth for warehouse and logistics facilities has exceeded 5 percent for five straight years.⁴



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.



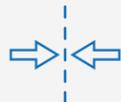
CYCLE TIMES

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.



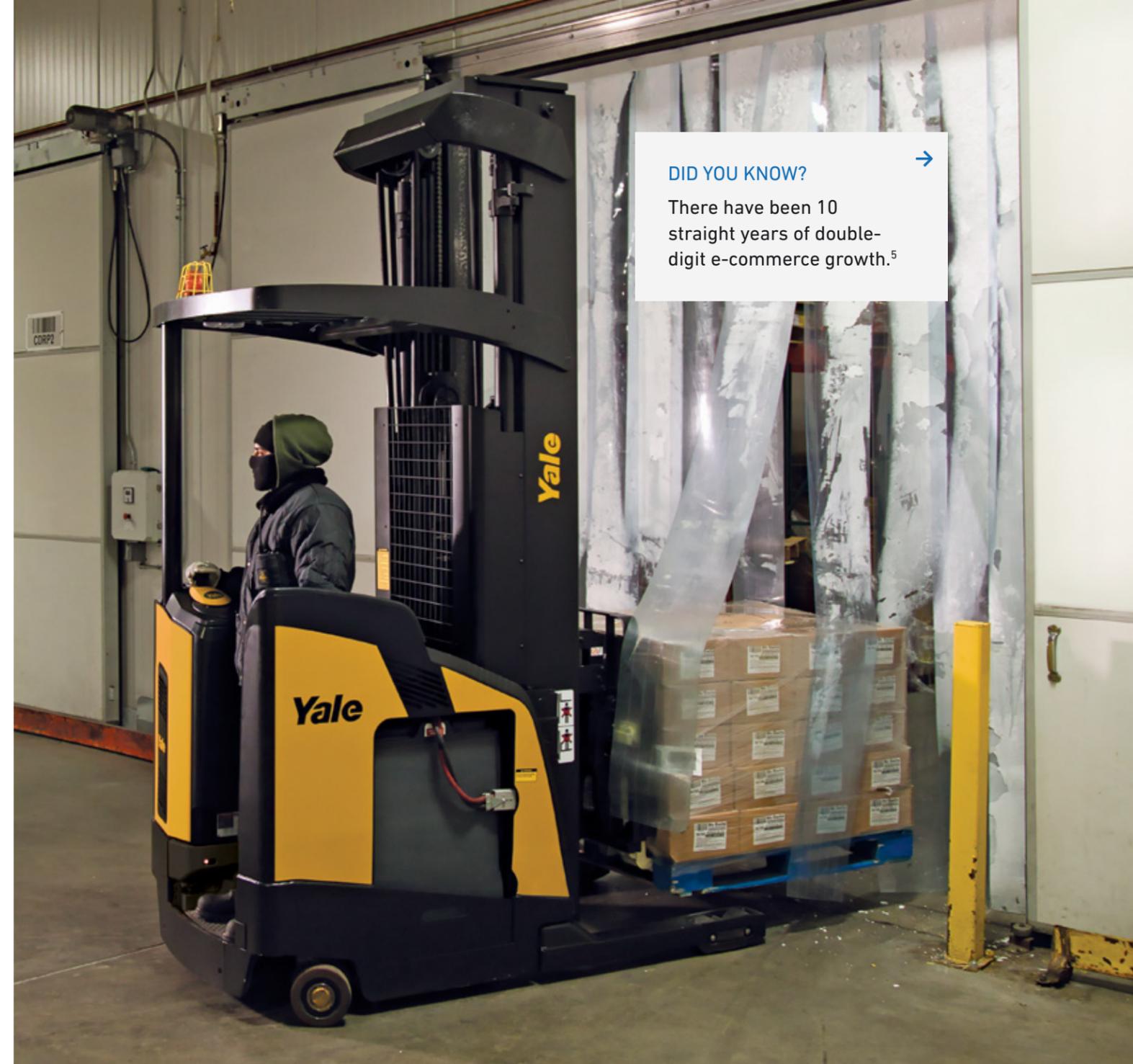
CAPACITY TO HEIGHT

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

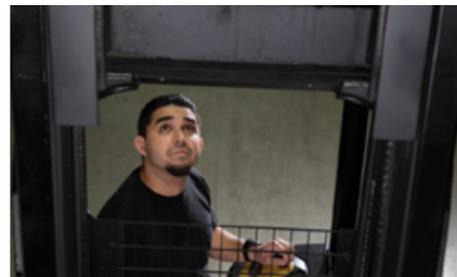
The overhead guard has been raised to 95" which provides for more head clearance for the operator and improves their sight line visibility for 2nd and 3rd positions of the racking structure

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 △

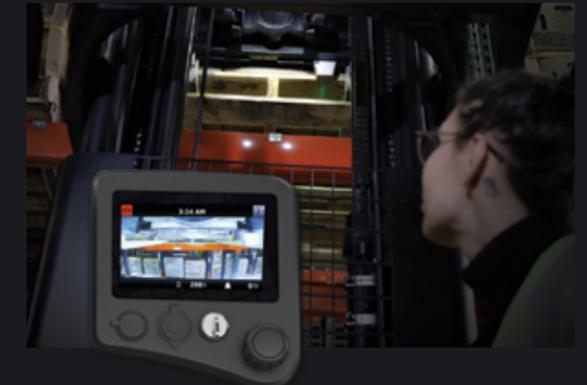
Helps provide operators with natural sight lines for clear view when picking up and dropping off pallets.

△ = 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.



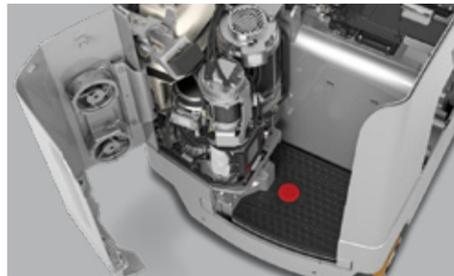
PANTOGRAPH

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



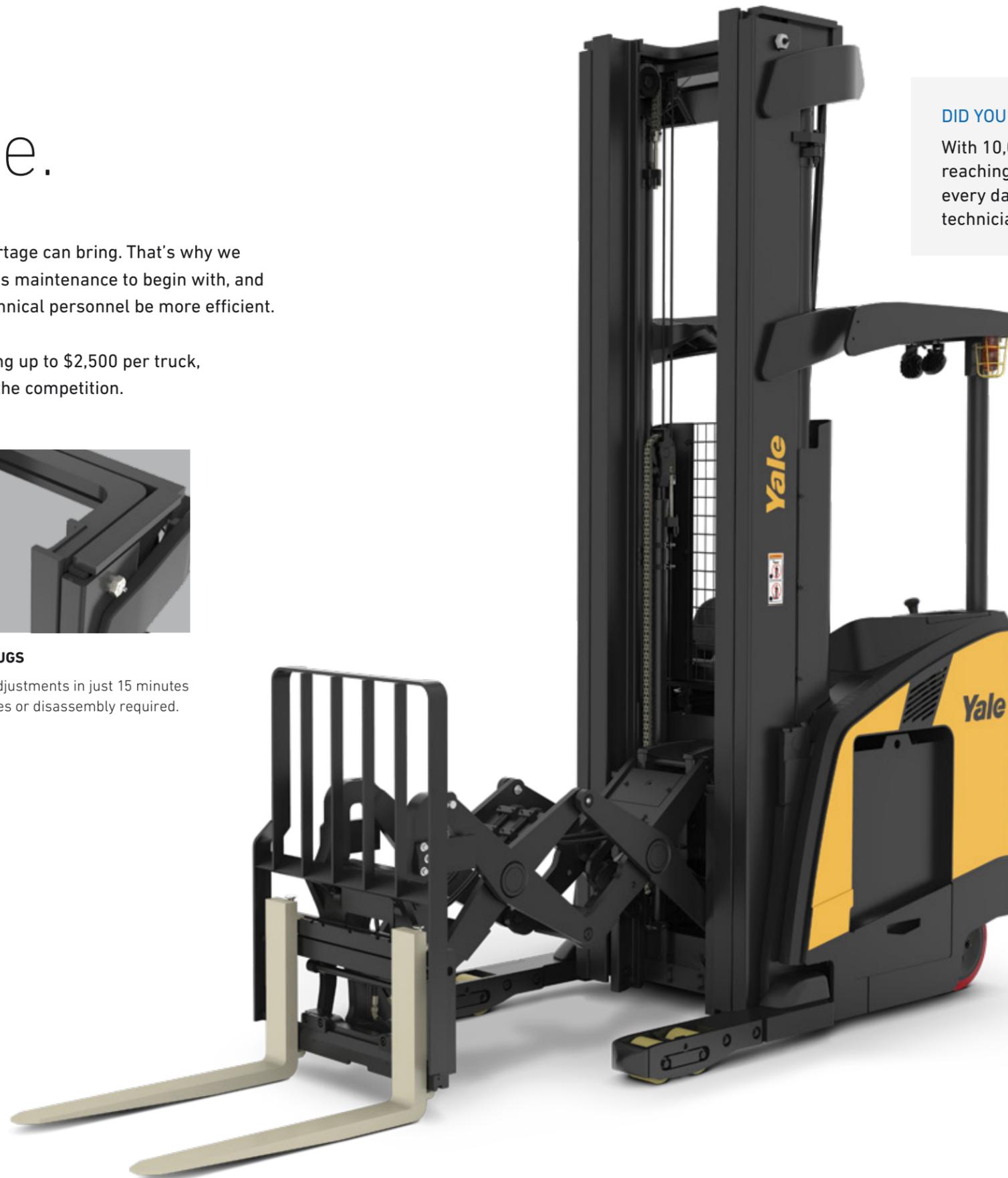
MAST WEAR PLUGS

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.

Yale Lift Truck Technologies
P.O. Box 7367
Greenville, NC 27835-7367
U.S.A.

yale.com



EXPLORE MORE
ONLINE.



MATERIALS HANDLING FOR:

Third-party logistics (3PL)

Auto parts distribution

Beverage

Cold & frozen foods

Food distribution

Food processing

Furniture & furnishings

Government

Health & pharma

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/NDR030-045EC, 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-Ecommerce 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.



BURNS INDUSTRIAL EQUIP.
 156 MESA DRIVE
 ST. ALBANS, West Virginia 25177
 Phone: 304-755-9333



MODEL: NR045EC

All trucks shown with optional equipment. Please refer to quotation specifications.

CUSTOMER DETAILS

CUSTOMER	West Virginia Correctional Industries		
ADDRESS	617 Leon Sullivan Way Charleston, West Virginia 25301		
SHIP-TO ADDRESS	112 Northern Reg Corr Dr Moundsville, West Virginia 26041		
CONTACT NAME	Mr. James Atkins	TITLE	manager
PHONE	(304) 558-2945	SHIPPING CUSTOMER	Mr. James Atkins
PROPOSED BY	Monty Barnett	TITLE	Sales Manager West Virginia
PHONE / CELL	304-755-8841 / 304-841-2618	EMAIL	mbarnett@burnslift.com
DATE	2023-12-06	Quote Expiration	2024-01-05



BURNS INDUSTRIAL EQUIP.
 156 MESA DRIVE
 ST. ALBANS, West Virginia 25177
 Phone: 304-755-9333



Quoted: NR045EC - 2

Yale® NR045EC 4500 lb Capacity Narrow Aisle Reach Truck Nominal 4500 lb capacity at 24" load center. Yale lift trucks feature Industrial Grade Critical Components which maximize the productive value and economic life of the truck. Truck Standard Features Include: Yale iSi Technology™ Control System, 5" Color Touch Screen Smart Display - Battery Discharge Indicator and Lift Interrupt, Hour Meter; Truck, Traction and Hoist Pump, 4 Operator Selectable Programmable Performance Modes, User passwords and Operator logs with history, Steer Wheel Angle Graphic Indication, Truck Inspection Check List, Truck Speed Indication in MPH or KPH, Dual USB ports, AC Traction, Hydraulic and Steering Motors, Operator Sidestance, 9.5" Step Height, Transistor Controller with Regenerative Braking, Fully Proportional Lift / Lower Control, Powered Lowering (when forks are unloaded), delivering superior unloaded lowering speeds for excellent productivity, Regenerative Lowering (When forks are loaded), providing long battery life for high truck uptime and low energy costs, Programmable Traction Speeds and Acceleration, Fully Adjustable, Low Effort Electric Power Steering, XL-AC Drive Tire- 13.5" x 5.5", Poly Load Wheels-High Load Compound, Dual Articulating Polyurethane Caster Wheels, Power Disconnect Switch, Key Start, 36" High LBR, Sealed Battery Rollers, Tilting Carriage (3 Degrees Forward, 4 Degrees Back), Padded Operator Compartment, Rear Post Operator Protection, Operator's Overhead Guard, Clear Mast Guard, Low Profile Anti-Fatigue Floormat, E-Z Ride Cushioned Floorplate for Operator Comfort, Yale Smart Operator Sensing System, Control Handle with Simultaneous Hydraulic Functions, Telescoping Armrest, Operator Adjustable Backrest Support, Additional Storage Compartment, Electronic Horn, Static Discharge Strap, Operator's Manual, UL Classification E, Standard Warranty - 12 Months/Unlimited Hours Full Truck Warranty, 3 Years/ 6,000 Hours Powertrain Warranty, and Lifetime Limited Frame Warranty

Proposal Summary

Included Items	Description	Quantity
Model	Yale® NR045EC Grocery Reach	1
Construction	Key Switch Start Standard Construction - Operating Temperatures +32° F to +120° F 36 Volt	
Powertrain Options	UL Classification Type "E"	
Battery Compartment	Battery Compartment - 16.25" Long x 39.0" Wide x 31.5" High (412mm x 991mm x 800mm) Battery Spacer Group - "X" Dimension 38.0" to 38.8" Battery	
Mast	3 Stage Full Free Lift Mast -9.4" Heavy Duty - 241" (6121mm) Maximum Lift Height - 107" (2718mm) Overall Lowered Height	
Carriages & Attachments	36" (915mm) High Load Backrest Extension Single Reach Carriage with Integral Sideshifter	
Forks	42" Long x 1.8" Thick x 3.9" Wide (1067mm x 45mm x 100mm) - Class II Hook Type - Standard Taper Forks	
Wheels & Tires	5" x 3.9" Articulating Tandem High Load Compound Load Wheels with Greasable Bearings Drive Tires - 13.5 x 5.5 Superior XL-AC (901 Compound)	
Basearm	34" Inside Dimension Outrigger Bars Blunt Outrigger Style Weld-On Box	
Operator Compartment	Energy System: Battery Discharge Indicator set for use with Flooded Cell Battery Standard Display: 5" Color Touchscreen EZ Ride Floor System	



BURNS INDUSTRIAL EQUIP.
 156 MESA DRIVE
 ST. ALBANS, West Virginia 25177
 Phone: 304-755-9333



	Wire Mesh Screen
Directional Control	Automotive Steering Control
	Sidistance with Adjustable Steering Wheel Position
Lights & Alarms	Audible Alarm - Reverse Direction Activated - Self-Adjusting 82-102 dB(A)
	Amber LED Strobe Light, Continuous Operation with Key On
Warranty	12 Months / No Hour Limit Full Truck Warranty, 36 Months / 6,000 Hours Powertrain Warranty, Lifetime Frame Warranty; please see full Warranty Statement for additional details.
Literature & Nameplate	English Literature Pack and Labels
Fees & Surcharges	Freight
	Fees & Surcharges
	Destination Charge

Additional Items or Accessories Included

Description	Quantity
-------------	----------



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Total Investment

Prices are FOB Factory; freight will be added to invoice at prevailing rate at time of shipment. Due to volatility in the supply chain, pricing is subject to change on all equipment prior to delivery.

Price NR045EC - 2	\$56,008.70	Qty: 1	
Quoted Quantity	1	TOTAL:	\$56,008.70
Proposal By:	Monty Barnett	Accepted By:	_____
Signature:	_____	Signature:	_____
Date Signed:	_____	Date Accepted:	_____
		PO Number:	_____



BURNS INDUSTRIAL EQUIP.
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ST. ALBANS, West Virginia 25177
Phone: 304-755-9333



Terms and Conditions

Delivery and Price:

We will use all reasonable means to make shipment within the time specified, but assume no liability for loss or damage arising from late delivery nor nonfulfillment of contract by reason of fires, strikes, delays in transportation, regulations of the United States Government, or any cause unavoidable or beyond our control. Lead times shown are best current estimates, however seller does not guarantee ship dates due to changes in factory scheduling.

The prices quoted and the shipment specified herein are for prompt acceptance and are subject to change without notice. The prices quoted are exclusive of any tax in force or which may be enacted by Federal, State or Local Governments. Prices quoted are the prices prevailing at this time. In the event of an OEM price increase we reserve the right to revise our pricing in direct correlation to the price increase received from the OEM. This proposal is subject to subsequent credit approval. Financing and leasing arrangements are available.

Warranties:

Except when specifically approved by HYG, warranty work must be performed by authorized HYG dealers. Burns Industrial Equipment accepts no liability hereunder for consequential damages or for the negligence of others. The foregoing warranties are exclusive and there are no warranties which extend beyond the description on the face hereof. These express warranties are in lieu of all other warranties whether written, oral or implied and Burns Industrial Equipment hereby expressly excludes any implied warranties of merchantability and fitness. The seller's liability is limited to making good defects in workmanship or material under the manufacturer's warranty. The seller in no event shall be liable for damages to persons or property arising out of the use of items sold.

Safety Devices:

The proposed vehicle(s) will be equipped with certain safety devices as standard equipment. These devices, which may be removed without rendering the vehicle(s) inoperative, include: driver's overhead guard, load backrest and, when remote elevating control is specified, operator's safety platform. Burns Industrial Equipment and HYG shall not assume any liability for injuries or damage arising from or caused by the deletion, omission or removal of any safety devices from the vehicle(s).

Confidential Information:

This proposal as well as all information therein, including pricing, prints, brochures, etc., are confidential and intended only for the purchaser's use and are not to be used in any way detrimental to the seller.

Payment Terms:

Terms are net upon receipt of invoice. Accepted methods of payment are cash and check. Sales or use taxes, any type of property tax or any manufacturer's or other excise tax levied by federal, state or municipal government are the liability of the purchaser and if paid by the seller are rechargeable to the purchaser. All sales are subject to the approval of seller's credit department.

Cancellation:

Cancellation of this proposal, after it has been accepted, can be made only by mutual consent in writing. Reasonable cancellation charges will be assessed by Burns Industrial Equipment at its discretion.

Your signature on this Proposal constitutes an order subject to the approval of our General Sales Office. This Proposal expressly limits acceptance to the terms and conditions stated hereon, and any additional or different terms and conditions proposed by you are not accepted and are hereby excluded, unless expressly assented to in writing by Burns Industrial Equipment. No contract shall exist except as hereinabove provided.



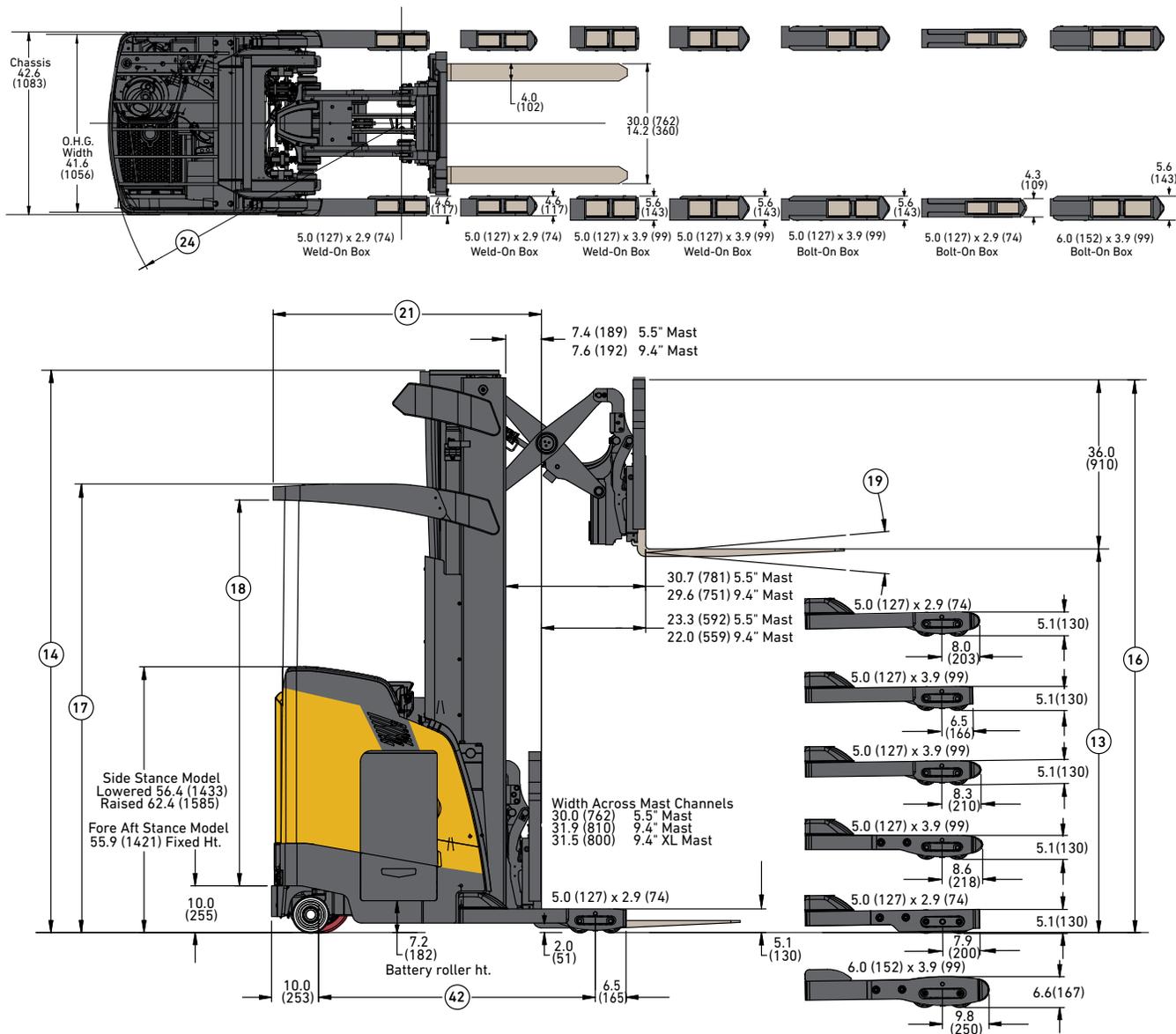
NR/NDR 030-045EC

SPEC SHEET

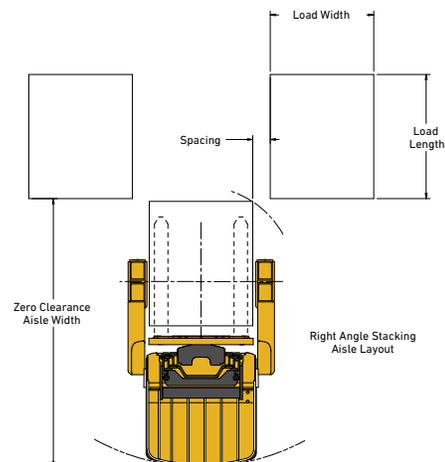
Pantograph
reach truck

3,000-4,500 lbs.

TRUCK DIMENSIONS - NR035-045EC



Circled truck dimensions correspond to the line numbers in the General Specifications chart. Dimensions are listed in inches (millimeters).



Right angle aisle stacking

NR035-040EC - 5.5" MAST					
14.25" Battery compartment and 42" ID					
3 Stage - 4" between loads					
	Pallet width (inches)				
	36	40	44	48	
Pallet length (inches)	36	85	85	85	85
	40	87	87	86	86
	44	92	91	91	90
	48	96	96	95	95

NR040-045EC - 9.4" MAST					
16.25" Battery compartment and 42" ID					
3 Stage - 4" between loads					
	Pallet width (inches)				
	36	40	44	48	
Pallet length (inches)	36	88	88	88	88
	40	92	92	91	91
	44	97	96	96	96
	48	101	101	100	100

NOTE: These are "Zero Clearance" aisles and require an additional 6" to 12" to be added to provide for easier maneuvering.

Subtract 1" if without sideshift
Add 2" for 16.25" battery compartment

Subtract 1" for without sideshift
Add 2" for 18.25" battery compartment (NR045EC only)
Add 5" for 21.25" battery compartment (NR045EC only)

GENERAL SPECIFICATIONS - NR035-045EC

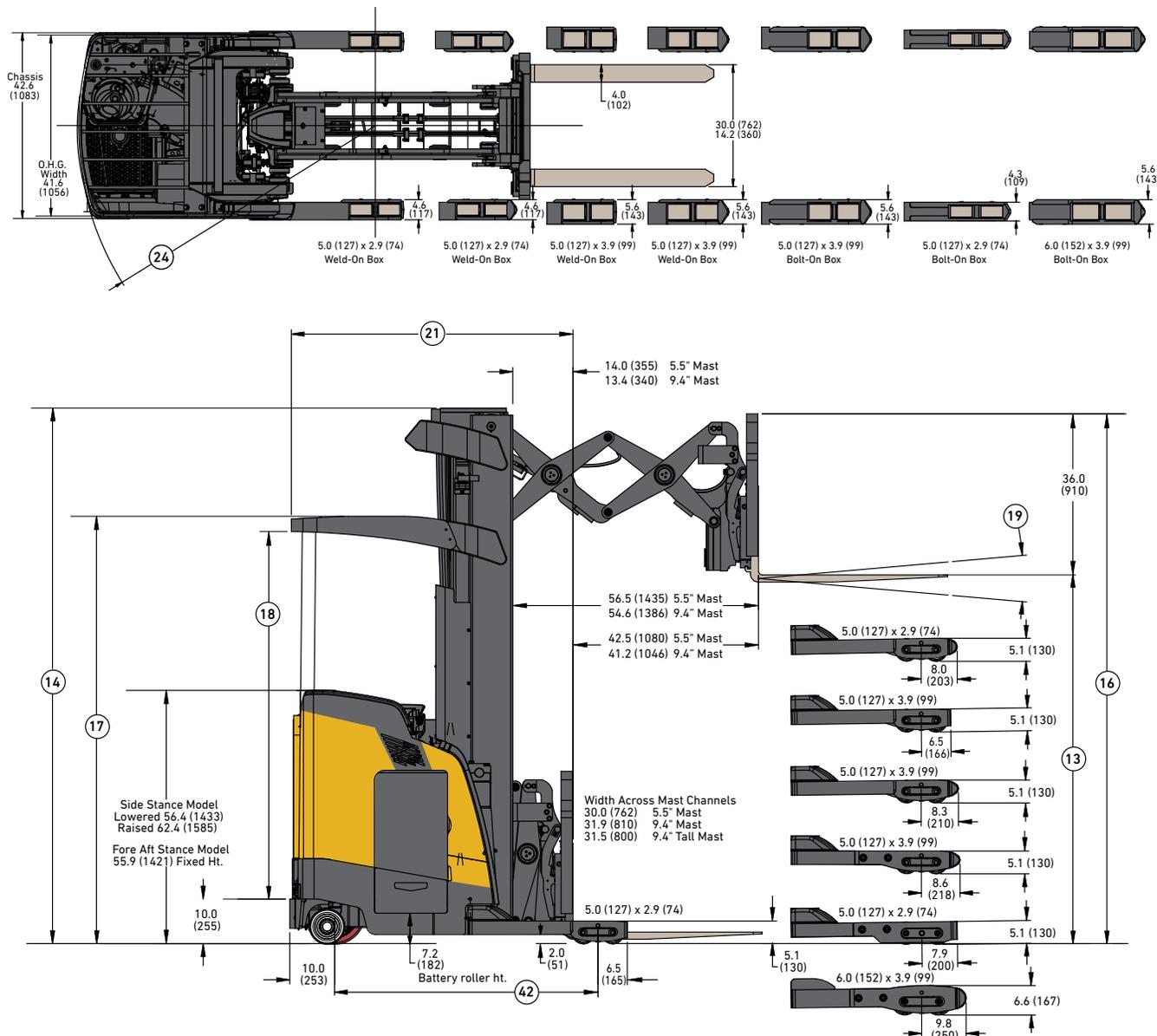
GENERAL				Yale	Yale	Yale				
1	Manufacturer name			Yale	Yale	Yale				
2	Model			NR035EC	NR040EC	NR045EC				
3	Wheel base designation *			SWB	SWB	SWB				
4	Rated capacity	lb. (kg)		3500 (1588)	4000 (1814)	4500 (2041)				
5	Load center	Distance	in. (mm)	24 (610)						
6	Power type	Electric, diesel, LPG		Electric - 36V						
7	Operator type	Stand								
8	Tire type	Load/caster/drive		Poly/Poly/Poly						
9	Wheels, number load/drive (x=driven)	4 / 2 (1x)								
WT.				lb.	lb.	lb.				
10	Truck weight, without battery (approximate)			5400	5400	5930				
12	Axle loading with assembly retracted (front/rear) **			6874/4375	7459/4290	8546/4228				
DIMENSIONS				in. (mm)	in. (mm)	in. (mm)				
13	Height	Standard lift (TOF)		See mast table						
14		Standard mast lowered (OALH)		See mast table						
15		Freelift (TOF)		See mast table						
16		Standard mast extended w/LBR		See mast table						
17		Top of OHG		See mast table						
18	Operator clearance		See mast table							
19	Mast tilt angle	Forward/back		3 / 4						
20	Forks, standard (length x width x thickness)	in.		1.60 x 3.9 x 42	1.80 x 3.9 x 42	1.80 x 3.9 x 42				
21	Headlength to face of forks	All battery compartments ***		See mast table						
22	Outrigger ID	in.		34" - 49" (1" increments)						
23	Battery compartment size	14.25" - (LxWxH)		in.	39.0 x 14.25 x 31.5	39.0 x 14.25 x 31.5	N/A			
		16.25" - (LxWxH)		in.	39.0 x 16.25 x 31.5	39.0 x 16.25 x 31.5	39.0 x 16.25 x 31.5			
		18.25" - (LxWxH)		in.	N/A	N/A	39.0 x 18.25 x 31.5			
		21.25" - (LxWxH)		in.	N/A	N/A	39.0 x 21.25 x 31.5			
					5.5" MAST	9.4" MAST	5.5" MAST	9.4" MAST	9.4" MAST	
24	Turning radius - min. outside	14.25" battery compartment		in.	65.6	N/A	65.6	N/A	N/A	
		16.25" battery compartment		in.	67.6	N/A	67.6	68.5	68.5	
		18.25" battery compartment		in.	N/A		N/A		70.5	
		21.25" battery compartment		in.	N/A		N/A		73.5	
25	Aisle width - zero clearance	Right angle stack		See right angle stack table						
26	Stability	Comply with ANSI		YES						
PERFORMANCE				STANDARD	OPTIONAL	STANDARD	OPTIONAL	STANDARD	OPTIONAL	
TRAVEL SPEED										
28	Rearward (chassis first)	Empty/RL	mph	7.5/7.0	N/A	7.5/7.0 [†]	N/A	7.5/7.0 [†]	8.0/7.0 [†]	
29	Forward (forks first)	Empty/RL	mph	6.6/5.8	N/A	6.6/5.8 [†]	N/A	6.6/5.8 [†]	6.8/5.8 [†]	
LIFT SPEED ****										
31	Empty		ft/min	130	N/A	130	150	150	175	
31a	1,000 lb.		ft/min	110	N/A	110	133	133	150	
32	2,000 lb.		ft/min	95	N/A	95	115	115	130	
33	3,000 lb.		ft/min	78	N/A	78	100	100	115	
34	3,500 lb.		ft/min	75	N/A	75	87	87	105	
35	4,000 lb.		ft/min	N/A	N/A	70	83	83	100	
36	4,500 lb.		ft/min	N/A	N/A	N/A	N/A	80	95	
37	Lowering speeds	Empty ****		ft/min	110	N/A	110	140	140	160 ^{††}
		RL****		ft/min	110	N/A	110	140	140	160 ^{††}
39	Size - front load wheels, standard			5 x 3.9		5 x 3.9		5 x 3.9		
41	Size, standard - drive tire/dual casters					13.5 x 5.5 / 7.9 x 2.2				
42	Wheelbase	14.25" battery compartment		in.	55.6	N/A	55.6	N/A	N/A	
		16.25" battery compartment		in.	57.6	N/A	57.6	58.5	58.5	
		18.25" battery compartment		in.	N/A		N/A		60.5	
		21.25" battery compartment		in.	N/A		N/A		63.5	
					5.5" MAST	9.4" MAST	5.5" MAST	9.4" MAST	9.4" MAST	
43	Brakes	Service/parking (method of control)		Foot / auto						
44		Service/parking (method of operation)		Regen / spring apply (electric release)						
45	Battery type	Lead acid Thin Plate Pure Lead ⁹ Lithium-ion ⁹								
46	Traction motor rating (60 minute rating)	hp (kw)		8.9 (6.6)						
47	Hoist motor rating (5 minute rating)	hp (kw)		29.2 (21.8)						
48	Traction motor control method	Transistor								
49	Hoist motor control method	Transistor								
50	Number of speeds	Infinitely variable								

* Short or long wheelbase is for double reach only. LWB for double reach masts 332" and below
 ** Static with rated load and max. wt. battery
 *** Includes integral sideshift, subtract 1" for without sideshift
 **** Lift and lower speeds reduced for UL 'EE'
 ◇ Optional with Yale Power Key

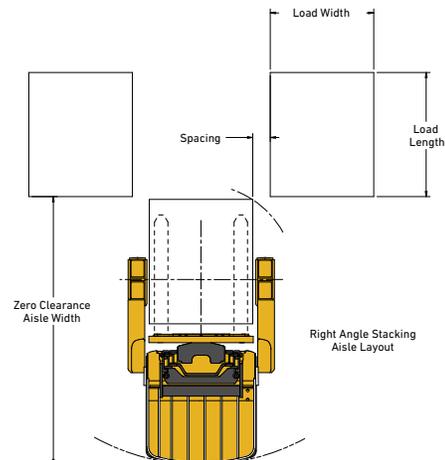
[†] Travel speed will be reduced to 7.5 / 7.0 mph (empty / rated load) with MFHs above 341" in the forks trailing direction. Travel speed will be reduced to 6.6 / 5.8 mph (empty / rated load) with MFHs above 341" in the forks leading direction. Travel speed is reduced to 7.0mph for loads 2500lbs and greater in the forks trailing direction. Travel speed is reduced to 5.8mph for loads 2500lbs and greater in the forks leading direction.

^{††} High speed lowering and high speed lift are separate options
 SWB = short wheel base; LWB = long wheel base

TRUCK DIMENSIONS - NDR030-035EC



Circled truck dimensions correspond to the line numbers in the General Specifications chart. Dimensions are listed in inches (millimeters).



Right angle aisle stacking

NDR030EC - 5.5" MAST					
14.25" Battery compartment and 42" ID					
3 Stage - 6" between loads					
Pallet length (inches)	Pallet width (inches)				
	36	40	44	48	
	36	87	86	86	86
	40	91	90	90	89
	44	96	95	95	94
48	100	100	99	99	

NDR030-035EC - 9.4" MAST					
16.25" Battery compartment and 42" ID					
3 Stage - 6" between loads					
Pallet length (inches)	Pallet width (inches)				
	36	40	44	48	
	36	92	91	91	90
	40	96	96	95	95
	44	101	100	100	99
48	105	105	104	104	

NOTE: These are "Zero Clearance" aisles and require an additional 6" to 12" to be added to provide for easier maneuvering.

Sideshift is standard on double reach
Add 2" for 16.25" battery compartment

Sideshift is standard on double reach
Add 2" for 18.25" battery compartment (NDR035EC only)
Add 5" for 21.25" battery compartment (NDR035EC only)

GENERAL SPECIFICATIONS NDR030-035EC

		Yale				Yale							
GENERAL	1	Manufacturer name		Yale				Yale					
	2	Model		NDR030EC				NDR035EC					
	3	Wheel base designation *		LWB	SWB	LWB	SWB	LWB	SWB	LWB	SWB		
	4	Rated capacity		3000 (1361)				3500 (1588)					
	5	Load center	Distance	in. (mm)		24 (610)							
	6	Power type	Electric, diesel, LPG		Electric - 36V								
	7	Operator type		Stand									
	8	Tire type	Load/caster/drive		Poly/Poly/Poly								
	9	Wheels, number load/drive (x=driven)		4 / 2 (1x)									
WT.	10	Truck weight, without battery (approximate)		lb. 5650				6190					
	12	Axle loading with assembly retracted (front/rear) **		lb. 6409/4589				7578/4458					
DIMENSIONS	13	Height	Standard lift (TOF)	in. (mm)		See mast table							
	14		Standard mast lowered (OALH)	in. (mm)									
	15		Freelift (TOF)	in. (mm)									
	16		Standard mast extended w/LBR	in. (mm)									
	17		Top of OHG	in. (mm)									
	18		Operator clearance	in. (mm)									
	19	Mast tilt angle	Forward/back	degrees		3 / 4							
	20	Forks, standard (length x width x thickness)		in.		1.60 x 3.9 x 42		1.60 x 3.9 x 42					
	21	Headlength to face of forks	All battery compartments ***		in. (mm)		See mast table						
	22	Outrigger ID		in.		34" - 49" (1" increments)							
	23	Battery compartment size		14.25" - (LxWxH)	in.		39.0 x 14.25 x 31.5		N/A				
				16.25" - (LxWxH)	in.		39.0 x 16.25 x 31.5		39.0 x 16.25 x 31.5				
				18.25" - (LxWxH)	in.		N/A		39.0 x 18.25 x 31.5				
				21.25" - (LxWxH)	in.		N/A		39.0 x 21.25 x 31.5				
						5.5" MAST		9.4" MAST		9.4" MAST			
24	Turning radius - min. outside		14.25" battery compartment	in.		70.6	N/A	N/A	N/A	N/A			
			16.25" battery compartment	in.		72.6	N/A	72.6	68.5	72.6	68.5		
			18.25" battery compartment	in.		N/A		N/A		74.6	70.5		
			21.25" battery compartment	in.		N/A		N/A		77.6	73.5		
25	Aisle width - zero clearance		Right angle stack		See right angle stack table								
26	Stability		Comply with ANSI		YES								
PERFORMANCE			TRAVEL SPEED		STANDARD		OPTIONAL		STANDARD		OPTIONAL		
	28	Rearward (chassis first)	Empty/RL	mph		7.5/7.0 †		N/A		7.5/7.0 †		8.0/7.0 †	
	29	Forward (forks first)	Empty/RL	mph		6.6/5.8 †		N/A		6.6/5.8 †		6.8/5.8 †	
			LIFT SPEED ****		STANDARD		OPTIONAL		STANDARD		OPTIONAL		
	31	Empty	ft/min		130		150		150		175		
	31a	1,000 lb.	ft/min		110		133		135		150		
	32	2,000 lb.	ft/min		95		115		120		130		
	33	3,000 lb.	ft/min		78		100		103		115		
	34	3,500 lb.	ft/min		N/A		N/A		95		95		
	35	4,000 lb.	ft/min		N/A		N/A		N/A		N/A		
36	4,500 lb.	ft/min		N/A		N/A		N/A		N/A			
37	Lowering speeds		Empty ****	ft/min		110		140		140		160 ††	
			RL ****	ft/min		110		140		140		160 ††	
39	Size - front load wheels, standard				5 x 2.9				5 x 2.9				
41	Size, standard - drive tire/dual casters				13.5 x 5.5 / 7.9 x 2.2								
WHEELS & TIRES	42	Wheelbase		14.25" battery compartment	in.		60.6	N/A	N/A	N/A	N/A		
				16.25" battery compartment	in.		62.6	N/A	62.6	58.5	62.6	58.5	
				18.25" battery compartment	in.		N/A		N/A		64.6	60.5	
				21.25" battery compartment	in.		N/A		N/A		67.6	63.5	
	43	Brakes		Service/parking (method of control)		Foot / Auto							
44			Service/parking (method of operation)		Regen / spring apply (electric release)								
45	Battery type				Lead acid Thin Plate Pure Lead [§] Lithium-ion [§]								
46	Traction motor rating (60 minute rating)		hp (kw)		8.9 (6.6)								
47	Hoist motor rating (5 minute rating)		hp (kw)		29.2 (21.8)								
48	Traction motor control method				Transistor								
49	Hoist motor control method				Transistor								
50	Number of speeds				Infinitely variable								

* Short or long wheelbase is for double reach only.
LWB for double reach masts 332" and below
** Static with rated load and max. wt. battery
*** Includes integral sideshift, subtract 1" for without sideshift
**** Lift and lower speeds reduced for UL 'EE'
◇ Optional with Yale Power Key

† Travel speed will be reduced to 7.5 / 7.0 mph (empty / rated load) with MFHs above 341" in the forks trailing direction. Travel speed will be reduced to 6.6 / 5.8 mph (empty / rated load) with MFHs above 341" in the forks leading direction. Travel speed is reduced to 7.0mph for loads 2500lbs and greater in the forks trailing direction. Travel speed is reduced to 5.8mph for loads 2500lbs and greater in the forks leading direction.

†† High speed lowering and high speed lift are separate options
SWB = short wheel base; LWB = long wheel base

NR035-040EC & NDR030EC MAST DIMENSIONS (5.5" STANDARD)

Overall lowered ht.	Max. fork height (TOF)	Free-lift (TOF)	Overall height (mast extended) highest point w/36" LBR	Overhead guard height to top	Operator clearance	Head length (length to face of forks)				
						14.25"		16.25"		
						Single reach	Double reach	Single reach	Double reach	
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)					
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST										
87 (2210)	191 (4851)	48 (1219)	230 (5842)	87 (2212)	74.3 (1887)	52.16	57.83	54.21	59.88	
91 (2311)	203 (5156)	52 (1321)	242 (6147)	91 (2314)	78.3 (1989)	52.16	57.83	54.21	59.88	
95 (2413)	212 (5385)	56 (1422)	251 (6375)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	
101 (2565)	227 (5766)	62 (1575)	266 (6756)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	
107 (2718)	242 (6147)	68 (1727)	281 (7137)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	
110 (2794)	251 (6375)	71 (1803)	290 (7366)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	
119 (3023)	272 (6909)	80 (2032)	311 (7899)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	
125 (3175)	287 (7290)	86 (2184)	325 (8255)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	
131 (3327)	302 (7671)	92 (2337)	340 (8636)	95 (2416)	82.3 (2090)	52.16	57.83	54.21	59.88	

NR040-045EC & NDR030-035EC MAST DIMENSIONS (9.4" PREMIUM)

Overall lowered ht.	Max. fork height (TOF)	Free-lift (TOF)	Overall height (mast extended) highest point w/36" LBR	Overhead guard height to top	Operator clearance	Head length (length to face of forks)					
						16.25"		18.25"		21.25"	
						Single reach	Double reach	Single reach	Double reach	Single reach	Double reach
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)						
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST											
95 (2413)	210 (5334)	59 (1509)	246 (6248)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
107 (2718)	241 (6121)	71 (1814)	277 (7036)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
110 (2794)	250 (6350)	74 (1890)	286 (7264)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
119 (3023)	272 (6909)	83 (2118)	308 (7823)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
125 (3175)	287 (7290)	89 (2271)	323 (8204)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
131 (3327)	302 (7671)	95 (2423)	338 (8585)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
140 (3556)	321 (8153)	104 (2652)	357 (9068)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
143 (3632)	332 (8433)	107 (2728)	368 (9347)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
149 (3785)	341 (8661)	113 (2880)	377 (9576)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91
157 (3988)	368 (9347)	121 (3084)	404 (10262)	95 (2416)	82.3 (2090)	57.20	62.91	59.17	64.92	62.12	67.91

NR045EC & NDR035EC MAST DIMENSIONS (9.4" XL PREMIUM)

Overall lowered ht.	Max. fork height (TOF)	Free-lift (TOF)	Overall height (mast extended) highest point w/36" LBR	Overhead guard height to top	Operator clearance	Head length (length to face of forks)			
						18.25"		21.25"	
						Single reach	Double reach	Single reach	Double reach
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)				
3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST									
140 (3556)	321 (8153)	104 (2652)	357 (9068)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91
143 (3632)	332 (8433)	107 (2728)	368 (9347)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91
149 (3785)	341 (8661)	113 (2880)	377 (9576)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91
157 (3988)	368 (9347)	121 (3084)	404 (10262)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91
170 (4318)	401 (10185)	134 (3414)	437 (11100)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91
179 (4547)	422 (10719)	143 (3642)	458 (11633)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91
188 (4775)	444 (11278)	152 (3871)	480 (12192)	95 (2416)	82.3 (2090)	59.17	64.92	62.12	67.91

BATTERY AND COMPARTMENT SPECIFICATIONS

Battery specifications																						
Battery comp. size	Batt. voltage	NR035EC	NR040EC	NDR030EC	NR045EC	NDR035EC	Maximum 6 Hr Rate		Battery compartment dimensions						Battery dimensions						Minimum batt. wt.	Maximum batt. wt.
									"X" max.		"Y" max.		"Z" max.		"X" max.		"Y" max.		"Z" max.			
							AH	KWH	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
14.25"	36	X	X	X	N/A	N/A	775	27.2	39	990	14.25	362	31.5	800	38.8	985	14	356	31	788	1600 (726)	2100 (953)
16.25"	36	X	X	X	X	X	930	32.6	39	990	16.25	413	31.5	800	38.8	985	16	406	31	788	1850 (839)	2350 (1066)
18.25"	36	N/A	N/A	N/A	X	X	1085	38.1	39	990	18.25	464	31.5	800	38.8	985	18	457	31	788	2200 (998)	2800 (1270)
21.25"	36	N/A	N/A	N/A	X	X	1240	43.5	39	990	21.25	540	31.5	800	38.8	985	21	533	31	788	2500 (1134)	3100 (1406)

Battery connector: 24V - Red; 36V - Gray; position "B", lead length 16"
 Manufacturers standard cable size not to exceed 4/0 AWG
 Battery compartment is designed to accommodate standard wet cell batteries with fixed lifting eyes and no cover.
 Contact Applications Engineering to verify compatibility/fit when using maintenance free, covered or non-standard batteries.

FEATURES LIST - NR035-045EC, NDR030-035EC

PERFORMANCE	STD	OPT
36-Volt battery (includes 350 amp gray battery connector)	●	
AC traction, lift/lower and steering	●	
Transistor controller with regenerative braking	●	
Electric power steering	●	
4 Independent fully programmable performance modes - Programmable traction speed and acceleration, lift and lower speeds	●	
Load transport position		●
Fork camera (requires 9.4" mast)		●
Laser level line		●
High speed lift (NR040EC, NDR030EC)		●
High speed lift/travel (NR045EC, NDR035EC)		●
High speed lower (requires high speed lift/travel)		●
Shelf height selector		●
Return to set tilt		●
Return to center sideshifting		●
Load weight display		●
Fork height display		●
Speed sensitive steering		●
DRIVE	STD	OPT
5" x 3.9" poly articulating tandem load wheels - high load compound (std on NR035-045EC)	●	
5" x 2.9" poly articulating tandem load wheels - high load compound (std on NDR030-035EC)	●	
Dual articulating polyurethane caster wheels	●	
XL-AC™ drive tire – 13.5" x 5.5"	●	
Steered caster		●
Various sizes of load wheels		●
Various drive tire compounds		●
Tapered load wheel boxes		●
Bolt-on load wheel boxes		●
LIFT	STD	OPT
91"/203"/52"–(5.5") 3-Stage FFL mast (NR035-040EC, NDR030EC)	●	
95"/210"/59"– (9.4") 3-Stage FFL mast (NR045EC, NDR035EC)	●	
Tilting carriage (3° fwd, 4° back)	●	
Single reach mast with 33.5" wide class II with integral sideshift (hook type carriage) (std on NR035-045EC)	●	
Double reach mast with 33.5" wide class II with integral sideshift (hook type carriage) (std on NDR030-035EC)	●	
36" High load backrest extension	●	
Lift limit		●
48" High load backrest extension		●
Single reach mast without integral sideshift for standard 33.5" wide carriage (9.4") 3-Stage full free lift mast (NR040EC, NDR030EC)		●
Various mast heights for 5.5" and 9.4" masts		●
HANDLING	STD	OPT
Forks: 1.8" x 3.9" (45 mm x 100 mm) 42" (1067 mm) – class II, hook type (std on NR040-045EC)	●	
Forks: 1.6" x 3.9" (40 mm x 100 mm) 42" (1067 mm) – class II, hook type (std on NDR030-035EC and NR035EC)	●	
Fully proportional lift/lower control	●	
Control handle with simultaneous hydraulic functions	●	
Slack chain detection	●	
Reduced travel speed with carriage extended		●
Various fork lengths		●
ERGONOMICS	STD	OPT
Operator sensing system	●	
EZ Ride floor	●	
Low profile anti-fatigue floormat	●	

ERGONOMICS CONTINUED	STD	OPT
Adjustable armrest and backrest (sidestance operator controls only)	●	
Steer tiller position adjustment	●	
Low step height	●	
Padded operator compartment	●	
5" Smart display: color touchscreen	●	
Yale Smart Ride® floor (full suspension floor)		●
7" Smart display: color touchscreen		●
Operator overhead fan		●
Dual LED headlights		●
Rear LED worklight		●
Operator LED desktop light		●
OPERATION	STD	OPT
Standard construction	●	
UL classification E	●	
Sidestance operator controls	●	
Key switch start	●	
Wire mesh mast guard	●	
Automotive steering	●	
2 USB ports	●	
Static strap	●	
Electronic horn	●	
Sealed battery rollers	●	
Operator's overhead guard	●	
Rear post operator protection	●	
Power disconnect button	●	
Forward stance with aft operator control handle		●
Reverse steering		●
Clear mast guard		●
Keyless start		●
Rotary joystick (standard for cooler/freezer)		●
Battery gate interlock		●
Cooler/freezer construction (0°F to 120°F) with rubber floormat		●
SubZero freezer construction (operating temperatures -40°F to 120°F) with rubber floormat		●
SubZero freezer with heated floor and control handle (operating temperatures -40°F to 120°F) with anti-slip floorplate covering		●
UL classification EE		●
Outrigger ID - 34" to 49" in 1" Increments		●
Audible back-up and motion alarms		●
Visible amber strobe light - continuous activated		●
Impact monitor		●
Blue LED spotlights		●
RF terminal bracket		●
RF handheld scanner holder		●
12-Volt DC auxiliary power supply		●
Wire mesh on top overhead guard		●
Rear operator compartment door (SPED)		●
Yale Vision		●
Yale Reliant™ (available on NR045EC)		●
ENERGY SYSTEM	STD	OPT
Lead acid	●	
Yale Power Key		●
SUPPLEMENTAL	STD	OPT
12 Month / unlimited hours full truck warranty	●	
36 Month / 6,000 hour powertrain warranty	●	
Lifetime frame warranty	●	
Operating manual	●	

* Doors are intended to protect the operator from objects that may enter the operator's compartment but they may also slow the operator's egress in emergency situations. A review of the forklift's intended environment should be conducted before selecting a door as optional equipment.

** For 5.5" Mast Sideshift includes 7" travel (3.5" each side). Sideshift travel will be reduced to 3" total (1.5" each side) when Outrigger ID is less than 39" For 9.4" Mast Sideshift includes 8" travel (4" each side). Sideshift travel will be reduced to 4" total (2" each side) when Outrigger ID is less than 39"

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.

MATERIALS HANDLING FOR:

Third-party logistics (3PL)

Auto parts distribution

Beverage

Cold & frozen foods

Food distribution

Food processing

Furniture & furnishings

Government

Health & pharma

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.