



Electric lift trucks

the complete range

3 and 4 wheel counterbalance electric lift trucks to suit every application.

An electric counterbalance truck for **every** application.



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Choosing the right forklift truck for your business is a vitally important decision. Get the right equipment in place and you'll get the right results in terms of increased productivity and a much greater return on your investment. That's why, at Yale, we are totally committed to helping you select the electric forklift best suited to your business needs.

We have listened closely to our customers, paying particular attention to what you want most from your forklift solutions.

An innovatively designed, superbly engineered, all-encompassing range of eight different Electric Counterbalance trucks in an array of lifting capacity and wheelbase configurations. Together with a number of amp-hour capacity battery and special application options, Yale provides the very best in power, energy efficiency and manoeuvrability solutions.

Put simply, whatever the industry sector of your business, whatever the environment you work in, whatever the demands placed on your materials handling operation, you can depend on Yale.

We provide Electric Counterbalance trucks

to match your specification and deliver the optimum performance you demand.

Equipment that lifts productivity to new heights. Raising ergonomics and operator comfort to a new level. Maximising reliability and serviceability, minimising the cost of ownership.

Whether for inside or outside applications, for light duty or heavy duty, for long or short travel distances, for confined areas or unlimited space, rest assured the Yale electric counterbalance range has a truck that's the perfect fit for your business. Whatever your business.

Standard features and options.



Heads-up display



Standard grab-handle for easy on/off access



Hi-Vis and Clear View masts



Reverse grab handle with integrated horn button



Generous headroom for operators



Seat side Manual or Integrated minilever module



'Flip up' armrest as standard



Lowest single step height in the industry



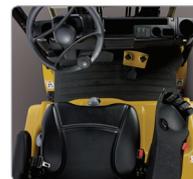
Infinitely adjustable steering column



Storage space and 12v outlet (option)



Extended steering axle for class leading manoeuvrability



Generous footwell space and open right hand side

Because we put so much into our range of electric trucks, you get so much more out.

Whether it's special ergonomic features designed to provide greater operator comfort, or advanced technology that delivers greater productivity and efficiency. Whether it's new diagnostics for increased serviceability or unique energy saving features helping to significantly lower cost of ownership. Trust Yale electric trucks to give you the optimum performance you're looking for across a diverse range of business environments.



Standard features across the range

- Operator compartment with fully adjustable full suspension seat provides a comfortable working environment for operators. One of the lowest WBV (whole body vibration) seat's in the Industry and in its class helping to reduce back strain and operator fatigue.
- ECO-eLo and HiP performance settings
- Heads up display provides unobstructed view of truck status and error codes
- Accutouch minilever module and armrest with height and length adjustment
- Ergonomic compartment for the smallest to tallest operator with generous floor space
- Low step height for easy operator 3-point access and egress
- Vehicle system module (VSM) controls all truck functions
- Yale e-Balance, the balance between performance and energy consumption
- Yalestop™ automatically sets the control system so the park brake is always engaged whenever the truck is stationary

Standard options

- Foot direction control
- Load backrest
- Integrated side shift
- Full suspension seat with lumbar support, high back and head rests



Comfort is everything.

A comfortable operator is a happy and more productive operator.

That's why we have invested in extensive operator testing in our efforts to design a compartment around an operator's specific needs. The result is a cabin that offers class-leading ergonomic features designed to make an operator's life easier.

From steps optimised for a wide range of operator heights, to full suspensions seats designed to decrease exposure to whole body vibration, the electric range is all about making sure your operators can work comfortably – and productively.

“We're always looking for enhanced comfort in the forklift trucks we purchase, because the more comfortable the truck is, the more productive our operators are”

Robert Boydell

Global Commodity Manager,
Borg Warner



Best-in-class operator access and seating position

The Yale range of Electric lift trucks have been designed to comfortably accommodate the smallest (<160cm) to the tallest operators (>194cm).



Seating

Yale puts operator ergonomics and comfort at the forefront of product design.

The full suspension seat has been designed to significantly decrease the operator’s exposure to the transmission of ground shocks, resulting in minimum Whole Body Vibration levels.

- Easy adjustment to suit stature and weight, providing the correct suspension and full operator comfort
- Easy forward, reverse and tilt adjustment for ideal seating position
- Swivel seat option for reverse driving comfort: 12° to right and 5° to the left



Small Operator <160cm



Average Operator <180cm



Tall Operator >194cm



Accutouch mini lever

Mini-lever module and armrest

Ergonomic functionality designed by experts

- Accutouch minilever module and armrest with height and length adjustment
- Designed to reduce stress on the operator's arms, hands and fingers
- Integrated direction switch enables operators to control all the major truck functions without removing their arm or hand from the armrest
- Padded construction allows the operator to comfortably lean on the armrest which provides additional comfort over long shifts
- Full integration with the seat – designed to move simultaneously when seat is adjusted

- Ergonomic manual-levers have been designed with soft-touch moulding and a contoured shape, angled outwards to correspond with the way the arm and hand naturally fall. The direction switch is also incorporated into the hoist lever.



Steering column

- Steering wheel design, with soft touch and comfort grip knob. Provides a comfortable driving posture to alleviate build up of stress on the operators wrist, elbow and arm
- Wider spaced floor pedals provide increased leg room
- Low, wide step for easy access



Steering wheel design



Foot directional control

Maximise productivity.

Giving you the equipment to drive productivity forward.

All kinds of factors can impact upon the productivity of your operation. From the number of pallets to truck reliability, from the efficiency of your operator to the ease of servicing.

But, rest assured, the range of Yale electric counterbalance trucks gives you the tools you need to increase the productivity of your business. To begin with, our trucks have been designed to travel at higher speeds for longer distances, at the same time as offering lower speeds for precise load handling. Speed and control – Yale electric trucks give you both.

More power

When your business demands greater productivity, Yale delivers with motors that provide increased travel and mast speeds, enabling you to move more loads per hour.

More control

Yale trucks are designed to offer you and your operator the best in precision control, to enhance operator performance; electronic controllers for faster load handling and smooth direction changes, efficient and responsive hydraulics, reactive electronically controlled inching, optional auto fork levelling and laser load positioning systems are just some of the solutions that contribute to maximising productivity

More visibility

It's easy to see why Yale electric trucks deliver greater productivity. Particularly with our pioneering Clear View masts offering exceptional forward visibility.

More moved

Achieve faster put away and retrieval times with our legendary forklift mast. Renowned for its stability and rigidity, your operators can place or retrieve lift loads with complete confidence.

More uptime

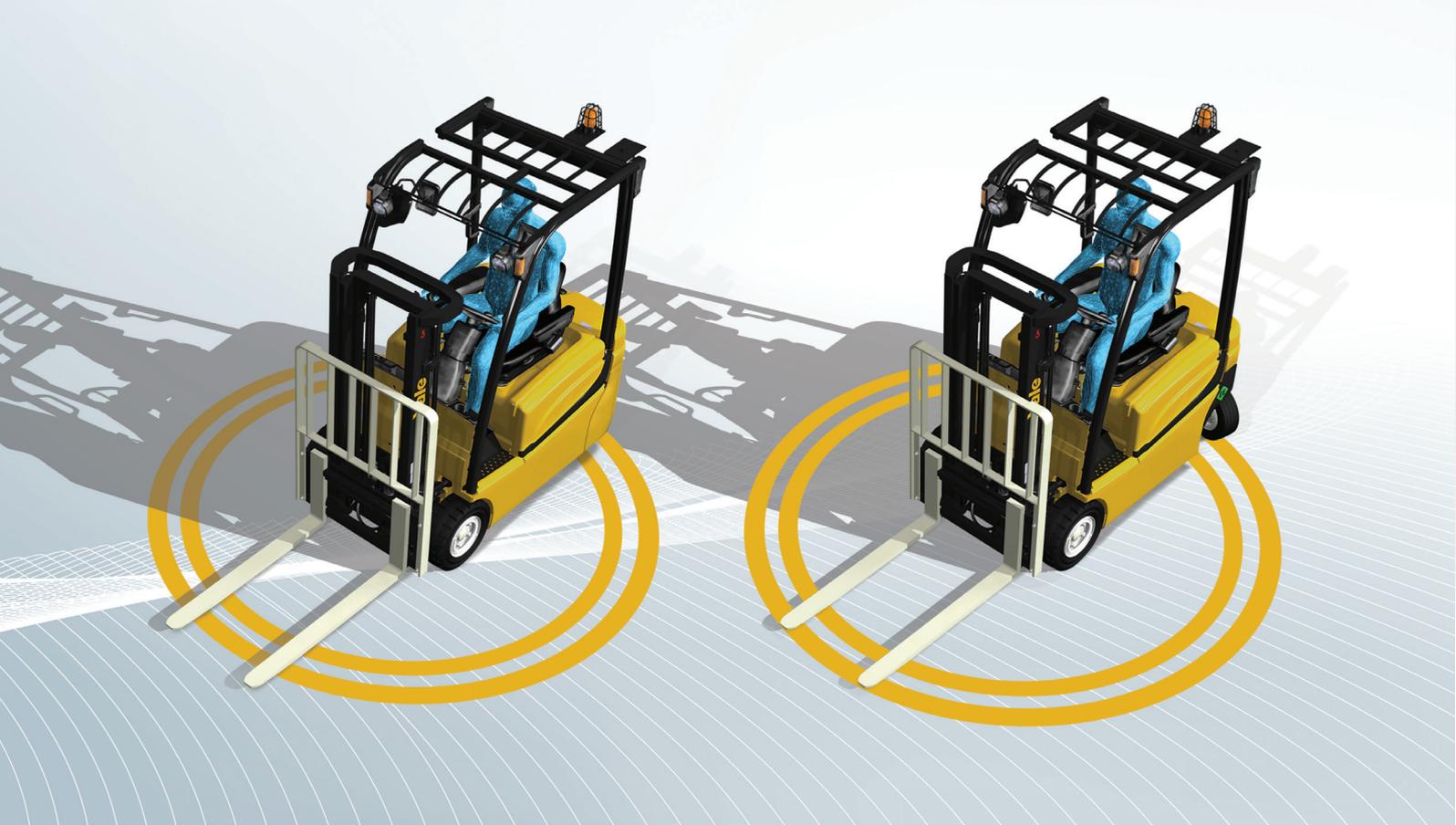
Yale trucks have been built to stay working harder – for longer. A larger battery capacity and simpler battery change. A robust fully welded frame. Simple maintenance. Just a few of the features that keep your trucks up and running and avoid expensive delays.

More efficiency

With features such as ECO-eLo energy efficiency mode, our electric trucks offer optimised efficiency and reduced energy consumption without significantly impacting on productivity.







Loads more productivity.

- Improved visibility with enhanced mast design
- Comfortable reverse driving position
- Rear grab handle with integrated horn button
- Optional swivel-seat to help alleviate neck, torso and leg strain when driving in reverse for long periods
- Powerful hydraulics
- Dual front-wheel AC drive
- Side battery extraction
- Compact, best-in-class turning radius
- Soft keys to allow the operator access to the truck menu
- Four performance modes to suit the application
- Heads-up display providing information on battery charge, direction of travel, hours worked, automatic park brake, steer wheel angle, performance mode set-up, time diagnostic troubleshooting codes
- Easy access to on-board diagnostics
- Uncluttered workspace
- Wiper motor incorporated into cowl for improved visibility
- Automatic park-brake for enhanced controllability, particularly on ramps and grades
- State of the art steer axle for increased maneuverability and reduced turning radius in smaller spaces



“When we’ve got hundreds of pallets to be unloaded and prepared for collection in a small amount of space, and at predetermined times, we can’t afford expensive delays. We need our operators to be working effectively, efficiently and safely at all costs”.

Chris Arnold

Head of TLI (Network),
GEFCO UK



Made to perform built to last.

At Yale, we're proud of the reliability and long-lasting durability we build into every single truck. And the Yale Electric Counterbalance truck range further enhances our reputation for producing equipment that can withstand even the most arduous applications, even the toughest conditions.

100% proven

Many of the components that feature in our electric trucks are tested and proven in the field. Features such as the latest generation motors and state of the art controls are designed specifically to increase uptime and raise productivity.

Fit for purpose

We take product development and testing very seriously at Yale. An astonishing number of man-hours are invested to ensure your truck delivers exactly the performance you're looking for – and more.

Tough enough to cope

Whether the application is large or small, trust the Yale Electric range to cope. With sturdy fully welded frames and reinforced load arms, our trucks are built to tackle any challenge and keep working whatever the challenge.

Intelligent technology

Even on the rare occasion an error might occur, you can rest easy knowing you have our integrated Dual CANbus technology in place. Identifying the problem and fixing it fast. There's also our unique 'Get Home' function that your operator can activate after all functions have come to rest, enabling the truck to get to a convenient place for repair.

LOW cost of ownership.

When it comes to the overall cost of a forklift truck to your business, the initial purchase price can represent just one small portion. There are a host of other factors that need to be taken into consideration in order to arrive at the true operating cost to your business, such as periodic maintenance, unscheduled repairs, replacement parts and ever-increasing energy costs – to name but a few.

At Yale, we build industry-leading reliability and world-class serviceability into every electric model to help you get a greater return on your materials handling fleet investment and lower the cost of ownership.

Higher efficiency

Always looking to the future, Yale has developed the ECO-eLo energy efficiency mode. Depending on the application, this setting can deliver low energy consumption without impacting significantly on overall productivity.

Higher residual values

Yale residual values are amongst the best in the industry. So, if you should ever want to change your Yale electric truck in the future, you know you won't be losing out.

Lower energy consumption and costs. Excellent residual values. Increased uptime. Everything to make your money go further.





VC Series

1250kg – 1500kg

3 wheel pneumatic tyre truck

Key Industries.

- Printing, publishing and packaging
- Food processing and production
- Timber, wood and furniture products
- Chemical and pharmaceuticals production/ manufacturing
- Clothing and textile manufacturing
- Electrical components
- Medical equipment
- Retail outlets
- DIY stores
- Supermarkets
- Warehousing and distribution



Applications.

- Block stacking
- Congested Goods-in and Goods-out areas and bays

Key features.

- The most compact 24V electric 3 wheel counterbalanced forklift truck in its class
- Zero turn radius
- Generous floor space with non-slip rubber floor mat, provides maximum operator leg room and easy on/off access
- Clearview mast for Improved forward operator visibility of forks and workplace
- Rear operator grab handle with integrated horn mounted on the overhead guard for easy reach and comfortable reverse driving
- Restricted spaces in manufacturing facilities
- High maneuverability

VT Series

1500kg, 1600kg, 1800kg, 2000kg
3 wheel pneumatic tyre truck

Key Industries.

- Printing, publishing and packaging
- Food processing and production
- Manufacturing
- Transport and distribution
- Metal products and fabrication
- Timber, wood and furniture products
- Chemical and pharmaceuticals production/ manufacturing
- Glass products
- Rubber and plastic products
- Clothing and textile manufacturing
- Electrical components
- Medical equipment
- Retail outlets
- DIY stores
- Supermarkets
- Transport and logistics
- Warehousing and distribution



Applications.

- Block stacking
- Congested Goods-in and Goods-out areas and bays
- Demanding internal warehouse or manufacturing
- Warehouse cross docking
- Heavy duty manufacturing
- Attachment use
- External, outdoor operations

Key features.

- The most compact 48V electric 3 wheel counterbalanced forklift truck in its class
- Zero turn radius
- Short, medium and long platforms with battery options to suit specific shift patterns and heavier duty applications
- Infinitely adjustable steering column with memory-tilt option for the most comfortable operator position and comfortable reverse driving
- High maneuverability
- 4 performance modes available to suit application
- Generous floor space with non-slip rubber floor mat, provides maximum operator leg room and easy on/off access
- Enhanced mast design for improved operator visibility
- Rear operator grab handle with integrated horn mounted on the overhead guard for easy reach
- Automatic park brake

VA Series

1600kg – 2000kg
4 wheel cushion tyre truck

Key Industries.

- Printing, publishing and packaging
- Food processing and production
- Chemical and pharmaceuticals production/ manufacturing
- Clothing and textile manufacturing
- Electrical components
- Medical equipment
- Retail outlets
- DIY stores
- Supermarkets
- Warehousing and distribution



Applications.

- Block stacking
- Congested Goods-in and Goods-out areas and bays
- Manufacturing industries with restricted space
- High lift height

Key features.

- Platform width of 945mm (1.6t and 1.8t) and 986 mm (2.0t) for applications that require a tight turning circle (AST4) and narrow dimensions for stacking 1000mm wide loads
- High seating position provides operators with a clear view of the fork tips for fast and efficient load spotting
- Highly manoeuvrable truck
- Auto deceleration system (ADS) helps reduce operator fatigue
- Extended steer axle and continuous stability enhancement system (CSE) optimises steer axle geometry to reduce truck lean when cornering. Allows faster maneuvers in tighter working aisles and comfortable operation over uneven ground conditions. Contributes to confident load handling and faster throughput times

VF Series

1600kg – 2000kg

4 wheel pneumatic tyre truck

Key Industries.

- Printing, publishing and packaging
- Food processing and production
- Manufacturing
- Transport and distribution
- Metal products and fabrication
- Timber, wood and furniture products
- Chemical and pharmaceuticals production/ manufacturing
- Glass products
- Brick, block and concrete products
- Rubber and plastic products
- Clothing and textile manufacturing
- Electrical components
- Medical equipment
- Retail outlets
- DIY stores
- Supermarkets
- Transport and logistics
- Warehousing and distribution



Applications.

- Block stacking
- Demanding internal warehouse or manufacturing
- Warehouse cross docking
- Heavy duty manufacturing
- Attachment use
- External, outdoor operations

Key features.

- 4 performance modes available to suit application
- Dual front wheel drive/zero turn radius for minimum aisle width, tight or congested area maneuverability
- Short chassis length and high battery capacity provides great manoeuvrability
- Short, medium and long platforms with battery options to suit specific shift patterns and heavier duty applications
- Infinitely adjustable steering column with memory-tilt option for the most comfortable operating position
- High maneuverability
- Extended steer axle and continuous stability enhancement system (CSE) optimises steer axle geometry to reduce truck lean when cornering. Allows faster maneuvers in tighter working aisles and comfortable operation over uneven ground conditions. Contributes to confident load handling and faster throughput times
- Generous floor space with non-slip rubber floor mat, provides maximum operator leg room and easy on/off access
- Enhanced mast design for improved operator visibility
- Rear operator grab handle with integrated horn mounted on the overhead guard for easy reach and comfortable reverse driving
- Automatic park brake

VG Series

2200kg – 2350kg

4 wheel cushion tyre truck

Key Industries.

- Brewing, bottling and distilling
- Manufacturing
- Glass products
- Rubber and plastic products
- Electrical components
- DIY stores



Applications.

- Block stacking
- Congested Goods-in and Goods-out areas and bays
- Manufacturing industries with restricted space
- Demanding internal warehouse or manufacturing
- Heavy duty manufacturing

Key features.

- 4 performance modes available to suit the application and load requirements
- High seating position provides operators with a clear view of the fork tips for fast and efficient load handling
- Auto deceleration system (ADS) helps reduce operator fatigue
- Extended steer axle and continuous stability enhancement system (CSE) optimises steer axle geometry to reduce truck lean when cornering.

Allows faster manoeuvres in tighter working aisles and comfortable operation over uneven ground conditions. Contributes to confident load handling and faster throughput times

- Generous floor space with non-slip rubber floor mat, provides maximum operator leg room and easy on/off access
- Enhanced mast design for improved operator visibility
- High maneuverability

VL Series

2200kg – 3500kg

4 wheel pneumatic tyre truck

Key Industries.

- Printing, publishing and packaging
- Food processing and production
- Brewing, bottling and distilling
- Manufacturing
- Transport and distribution
- Metal products and fabrication
- Timber, wood and furniture products
- Glass products
- Brick, block and concrete products
- Rubber and plastic products
- Electrical components
- Transport and logistics



Applications.

- Warehouse cross docking
- Heavy duty manufacturing
- Attachment use
- External, outdoor operations

Key features.

- Infinitely adjustable steering column with memory-tilt option for the most comfortable operating position
 - 4 performance modes available to suit the application and load requirements
 - Dual front wheel drive/zero turn radius for minimum aisle width, tight or congested area maneuverability
 - Extended steer axle and continuous stability enhancement system (CSE) optimises steer axle geometry to reduce truck lean when cornering.
- Allows faster maneuvers in tighter working aisles and comfortable operation over uneven ground conditions. Contributes to confident load handling and faster throughput times
- Generous floor space with non-slip rubber floor mat, provides maximum operator leg room and easy on/off access
 - Enhanced mast design for improved operator visibility
 - Rear operator grab handle with integrated horn mounted on the overhead guard for easy reach and comfortable reverse driving
 - Automatic park brake

VH Series

4000kg – 5500kg

4 wheel cushion tyre truck

Key Industries.

- Paper manufacturing
- Metal products and fabrication
- Automotive manufacturing and component production
- Timber, wood and furniture products
- Glass products



Applications.

- Congested Goods-in and Goods-out areas and bays
- Manufacturing industries with restricted space
- Demanding internal warehouse or manufacturing
- Attachment use

Key features.

- Short, medium and long platforms with battery options to suit specific shift patterns and heavier duty applications
- High seating position provides operators with a clear view of the fork tips for fast and efficient load handling
- Auto deceleration system (ADS) helps reduce operator fatigue
- Extended steer axle and continuous stability enhancement system (CSE) optimises steer axle geometry to reduce truck lean when cornering. Allows faster maneuvers in tighter working aisles and comfortable operation over uneven ground conditions. Contributes to confident load handling and faster throughput times
- Generous floor space with non-slip rubber floor mat, low intermediate anti slip step provides a comfortable working area with easy on and easy off access
- Enhanced mast design for improved operator visibility
- Automatic park brake
- Rear operator grab handle with integrated horn mounted on the overhead guard for easy reach and comfortable reverse driving
- High maneuverability

VM Series

4000kg – 5500kg

4 wheel pneumatic tyre truck

Key Industries.

- Brewing, bottling and distilling
- Paper manufacturing
- Paper pulp and recycling
- Metal products and fabrication
- Automotive manufacturing and component production
- Timber, wood and furniture products
- Brick, block and concrete products
- Transport and logistics



Applications.

- Attachment use
- External, outdoor operations

Key features.

- Infinitely adjustable steering column with memory-tilt option for the most comfortable operating position
- 4 performance modes available to suit the application and load requirements
- Extended steer axle and continuous stability enhancement system (CSE) optimises steer axle geometry to reduce truck lean when cornering. Allows faster maneuvers in tighter working aisles and comfortable operation over uneven ground conditions. Contributes to confident load handling and faster throughput times
- Generous floor space with non-slip rubber floor mat, low intermediate anti slip step provides a comfortable working area with easy on and easy off access
- Enhanced mast design for improved operator visibility
- Automatic park brake

Setting the **service** standard.

The Yale range of electric counterbalance trucks is designed and engineered to keep your business moving. That means better access to make servicing as quick and simple as possible. Reducing your downtime, increasing your productivity.

Servicing made simple.

Everything about a Yale electric truck is designed to make maintenance easy. Whether it's the swing-open door or the fast-release floor plate providing easy access to motors, hydraulics and foot-well components. Or the maintenance-free 'greased for life' mast rollers, the 100% leak free disconnect hydraulic fittings or the simple side access to load wheels and user-friendly side access battery extraction. Yale trucks are engineered to optimise uptime.

Working harder for longer.

Not only are we making servicing easier, we're making the distance between each service longer. We recommend intervals of 3,000 hours for hydraulic oil and filter changes, and 1,000 hour transmission oil changes.

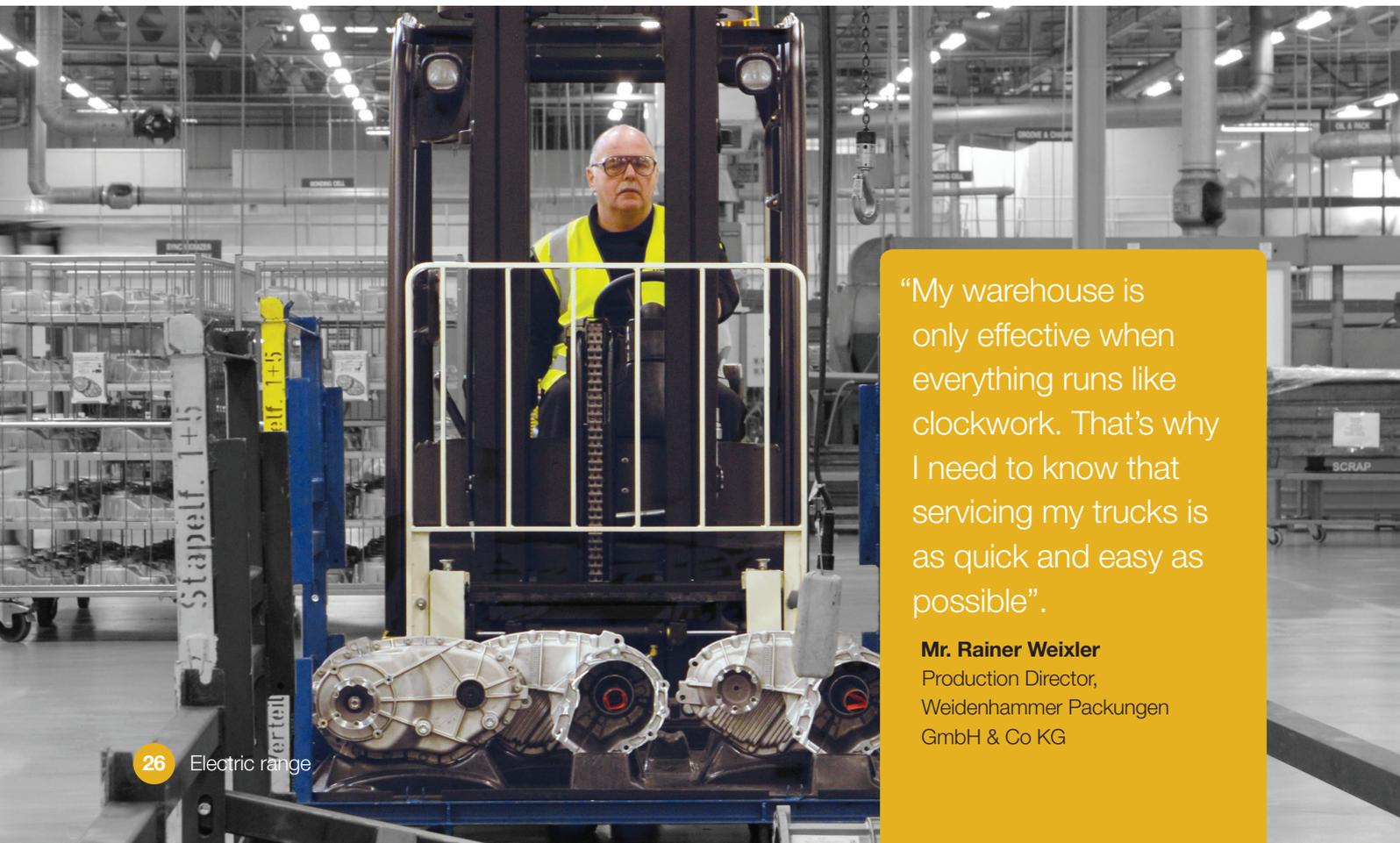
Fast fault identification.

Get your equipment back up and running more quickly with our advanced on board diagnostics. A single plug-in service connects your engineer's laptop to our truck providing instant access to essential service information and facilitating first time fixes. While our unique dual integrated CANbus technology ensures rapid identification of faults and also keeps wiring complexity to an absolute minimum.

Support you can count on.

No-nonsense Yale back-up and after-sales support means delays and downtime is kept to a minimum.

We have 2.5 million parts all available for immediate dispatch.



“My warehouse is only effective when everything runs like clockwork. That’s why I need to know that servicing my trucks is as quick and easy as possible”.

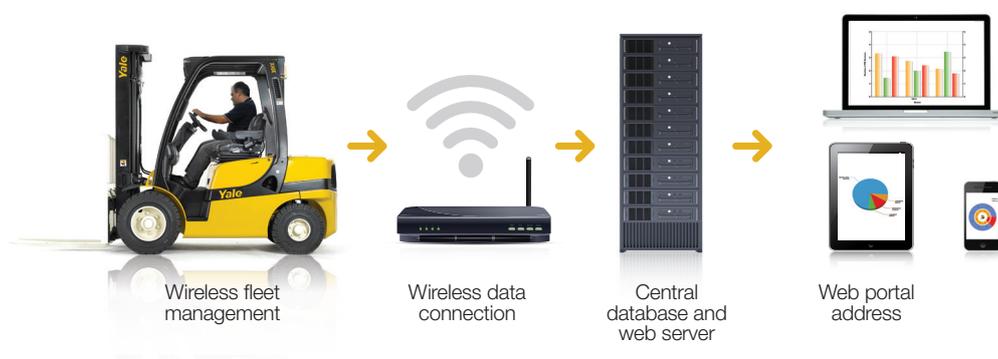
Mr. Rainer Weixler

Production Director,
Weidenhammer Packungen
GmbH & Co KG

Telemetry.

Manage your costs, optimise your productivity, and protect your assets.

Take your fleet operation to the next level with wireless asset management from Yale. Yale Vision provides true wireless fleet management, can drive fleet efficiency, improves operator performance, reduces your carbon footprint and lowers your overall material handling costs.



Manage your total cost of operation.



Knowing your total cost of operation (TCO) provides business intelligence above and beyond simply knowing

asset ownership costs. Improving cost management of trucks, fleets and labour is made possible with comprehensive monitoring and reporting of operational costs which can include contract costs, maintenance, acquisition, labour (when operator access data is enabled) and more. Cost of operation can be viewed and analysed by truck, by fleet and by location. You'll benefit from increased knowledge of actual fleet utilisation and costs, to help you get the most value from your lift truck assets.

Ensure maximum productivity from your lift truck investment.



Upsize, downsize, rightsize, optimize – see what your fleet's doing with Yale Vision. If you can't see it, you can't fix it.

With remote hour meter/usage tracking reports, you will have access to data and reports showing utilisation from individual trucks all the way to entire fleets. This data enables optimisation of fleet size, structure and location for maximum productivity and minimum idle time.

When it comes to fleet management, Yale Vision lets you see what you need to see to help ensure the right size fleet for maximum productivity and efficiency.

Promote operator performance.



Whether you own or lease, your lift truck fleet represents a significant investment – an investment that needs to be protected from abuse, neglect and unauthorised operation. With impact sensing, preventative maintenance tracker and access control applications, Yale Vision helps promote improved operator performance through impact alerts, maintenance tracking and management, and truck operator limitations (when access control is enabled). Using standard OSHA pre-shift checklists or specific industry-mandated checklists, this Yale Vision option ensures that the truck will not operate until the operator has completed the checklist(s). It's peace of mind, around the clock and throughout the fleet, wherever your trucks are located. Once you see the reports on your Yale units you'll want to equip all the trucks in your fleet with the same capability.



Yale[®] 
People. Products. Productivity.™

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