

OS-EC • OS-BE • SS-BE
Order Selectors
Straddle Selector

3,000 lbs.



Truck shown with optional equipment

Yale®

Yale Materials Handling Corporation

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1.800.233.YALE
www.yale.com

Manufactured in our own ISO 9002 Registered Facilities

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ergonomics

Yale Lift Trucks and Services are designed

performance

to maximize and continually improve your

serviceability

materials handling productivity.

productivity

Lift Trucks

Rental Services

Fleet Management

Financial Services

Gold Service™

Replacement Parts

Operator Training

Yale®





Exceptionally **hard working**

When it comes to order selectors and straddle selectors, you will find Yale's OS-EC, OS-BE and SS-BE are versatile in performance and offer superb operator comfort. In fact, with top-of-the-line components, superior ergonomics and exceptional maneuverability, they're years ahead of the competition. The Yale order selectors excel in many warehouse applications. The OS-EC fills the needs for all your mid-range warehouse applications. For enhanced lifting performance to greater heights, the OS/SS-BE is your premium order selector solution.

Because they're backed by a full range of Yale parts and services, you can count on these trucks to deliver all the big advantages: ease of operation, productivity and peace of mind.

You can also rely on the OS-EC, OS-BE and SS-BE for the biggest advantage of all: They're from Yale . . .

the market leader.

Yale

Truck shown with optional equipment

Optimum operator comfort

Using innovative materials and operator-focused design, Yale engineers created an ergonomically designed, spacious operator's workspace. The operator's controls are built for easy operation and maximum productivity.

The Yale order selectors and straddle selectors are designed for productivity with state-of-the-art technology, advanced engineering, solid construction, ergonomic controls with low effort actuation and greater operator comfort.

Instrument panel and controls are designed for optimum placement for use and operator comfort.

1. Console adjust button
2. Storage bin
3. Multi-turn steering
4. Multifunctional display with text messages
5. Steer direction indicator
6. Lift-limit with override switch (optional)
7. Upper-body ventilation fan/switch (optional)
8. Wire guidance (optional)
9. Emergency power disconnect switch
10. Key switch (on/off)
11. Cup holder
12. Multi-function control handle
13. Storage bins
14. Removable trash bin

Intelligent ergonomics

"Smart companies recognize that good ergonomics not only avoids work injuries, but it also improves the productivity of their operations."



A large safety glass windshield provides maximum unobstructed visibility and prevents contact with moving mast components. The Yale Hi-Vis mast provides excellent visibility and smooth staging for stepless lifting and lowering of the mast. Yale features a non-retractable operator tether with a full body harness as standard.



The multi-function control handle provides improved ergonomics for operator comfort. It has a thumb-actuated control for the single speed lift/lower functions on the OS-EC and variable speed lift/lower functions on the OS/SS-BE with a trigger-style horn button on both. The handle can be rotated to one of three positions for a comfortable operating stance.



Electronic direct drive steering with variable steer response provides superior steering control at all speeds. At start-up steering is automatically centered in the straight ahead position for operator convenience.



The operator has a low-fatigue, highly productive work station that features low step height, wide cushioned floor, a foot switch position that promotes a natural and comfortable stance, plus a one-inch thick padded rubber floor mat for supportive comfort. The Yale order selectors and straddle selectors have a pallet lock mechanism to secure the pallet in place.

Ergonomic Highlights

- Spacious operator platform
- Standard hydraulic accumulator cushions the operator's workspace for a smoother ride while lowering or traveling.
- Low step height
- Wide cushioned floor
- 6" vertically adjustable operator console
- Convenient foot switch/brake release
- Multi-turn steering with steer direction indicator
- One-inch thick floor mat for supportive comfort
- Cushioned lowering of platform
- Removable trash bin
- Easy pallet grab release
- Responsive steering system provides minimal lock-to-lock steering
- Non-retractable operator tether with full body harness

Additional OS-EC Highlights

- Stationary side rails
- Multi-function control handle with single speed lift/lower

Additional OS/SS-BE Highlights

- Gas assisted swing-up side rails with interlock
- Multi-function control handle with variable speed lift/lower

Ergonomic Options

- Console mounted two-speed fan provides upper body ventilation
- Retractable operator tether with full body harness
- Retractable operator tether with medium belt
- Non-retractable operator tether with medium belt

Additional OS-EC Options

- Gas assisted swing-up side rails with interlock

Ultimate performance

Performance and productivity are built right into every Yale truck. The OS-EC, OS-BE and SS-BE are no exception. From their application proven electric Separately Excited Motor (SEM) drive motor, Class H insulation with fan and external venting, electronically controlled on-demand power steering, to their cushioned lowering, these trucks deliver state-of-the-art technology that add up to reliable performance.

What's more, the OS-EC, OS-BE and SS-BE are designed with Smart-Glide™, a continuous height sensing system that optimizes the maximum travel speed at various fork heights by providing step-less speed control. The resulting benefits are faster travel speeds, improved acceleration, and increased productivity. Because every part is designed for strength, durability and long wear, they are also on the job more – exactly where you want your trucks and operators to be.

Yale order selectors are designed for ultimate maneuverability, ease-of-use and exceptional operator comfort for greater productivity.

The OS-EC is shown with optional equipment.



Ultimate productivity

"On the road of materials handling there are drivers and there are movers. If you're not driving change, move over."

The Global Hi-Vis mast is engineered for high visibility, high performance and high reliability. The mast is designed for stability and engineered to standard lift heights of 240" on the OS-EC, 276" on the OS-BE and 300" on the SS-BE. In addition, the mast rails are widely spaced providing maximum unobstructed visibility.

The drive unit is totally enclosed, with double reduction, direct gear drive. Drive gears operate adjustment-free in an oil bath.

Variable steer response increases productivity by providing superior steering control at all speeds. The OS-EC is shown.

The OS-EC and OS-BE are equipped with tandem polyurethane articulated load wheel axles to smooth out bumps in the floor and expansion cracks. Front cover protects load wheels from front-end impact. Outriggers are welded directly to the chassis to create a rugged rolling chassis.

The foot switch/parking brake release is conveniently located in a position that allows the operator to stand naturally in the center of the operator's compartment in a comfortable stance. The pallet clamp automatically centers and grips the pallet to allow fast, easy order picking. A foot-operated pedal is easily actuated for quick pallet release.

Performance Highlights

Smart Glide™, a continuous height sensing system optimizes the maximum travel speed at various fork heights by providing step-less speed control

Stationary SEM drive motor

MOSFET transistor controller features the Auto Deceleration System

Backlit hour meter display includes alphanumeric messaging and discharge indicator with lift interrupt

Steering automatically centers at start-up

Electronic horn

Key switch

Amber strobe light mounted on the motor compartment

Automatic pallet clamp device

Emergency power disconnect switch

Tempered safety glass windshield

Emergency lowering valve

24-volt power

Additional OS/SS-BE Highlights

Two operator's compartment lights and two speed fan

Variable speed lift/lower

Performance Options

Smart-Steer™ provides automatic return-to-center when the handle is released and is recommended for rail guided operations

Electronic wire guidance

Lift limit

Lift with override limit

Lower limit with override switch

Light packages

Cooler conditioning

Freezer conditioning

Wire mesh window screen

Various fork lengths and mast heights

Additional OS-EC Options

Travel above 150" for OS-EC

Additional OS/SS-BE Options

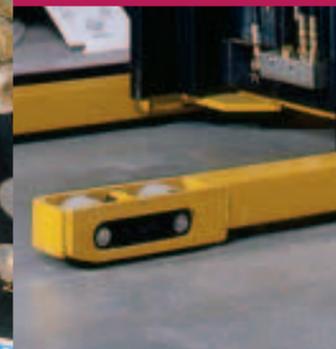
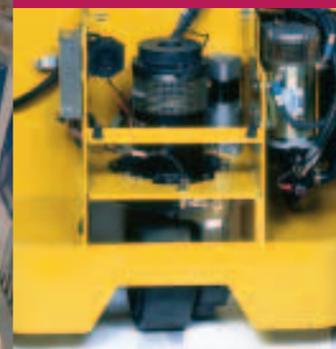
Travel above 212" for OS-BE and 272" for SS-B

Various outrigger widths

Various width operator's decks

36-volt power

Spotlights



Superbly designed

Not only are the OS-EC, OS-BE and SS-BE designed to require less maintenance, they're also designed to be extremely easy to service.

From the use of solid-state devices and digital communications to separately excited motor technology, these trucks are designed to enhance performance, increase reliability and reduce maintenance.

The swing-out compartment doors reveal an uncluttered, well laid out compartment making servicing easier.

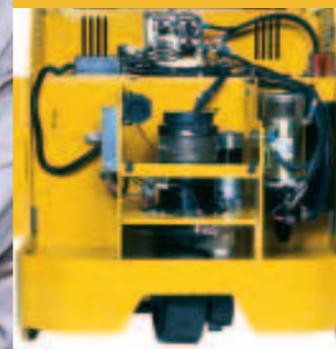
The OS-BE is shown.

Yale Gold Service™

"Excellence today is defined by the company that can surprise with service and manage the supply chain in ways that deliver value above and beyond customer service."



The backlit alphanumeric display is compatible with the Controlled Area Network (CAN) communications system. It allows the display of fault messages and also serves as a battery discharge indicator and hour meter. This also allows technicians to use the display as a troubleshooting device. The handle is also used in conjunction with the alphanumeric display to set truck performance parameters. Shown with upper-body ventilation fan.



The CANbus digital control system simplifies wiring and utilizes non-contact devices, eliminating potentiometers and most switches. This technology reduces wiring by 40% and electrical connections by 25% resulting in improved reliability and reduced maintenance. The OS-EC is shown.



The stationary drive motor eliminates power cable flexing improving cable reliability. The direct drive steering system uses a maintenance-free brushless DC motor. The Auto Deceleration System uses the drive motor to slow down the truck which reduces brake wear and minimizes flat spots on the drive tire. The OS-BE is shown.



Side thrust adjustable mast allows the technician to quickly and easily adjust all mast channel rollers in the field to compensate for wear. Adjustment can be accomplished without special tools or mast disassembly. Trunnion mounted mast allows for easy mast removal. The OS-BE is shown with the optional light package.

Serviceability Highlights

CANbus control system reduces wiring and improves diagnostic capabilities

Stationary drive motor

Battery compartment rollers for easy battery removal

Side thrust adjustable mast allows quick and easy maintenance

Excellent maintenance accessibility and component layout

All critical harness connections utilize sealed connectors

MOSFET transistor SEM controller eliminates the need for forward/reverse contactors

Minimal wiring over the mast

Auto Deceleration System extends brake life

On-board truck performance adjustments and control system diagnostics

Gear drive steering requires no adjustment

Solid state devices eliminate the use of potentiometers

Optional wire guidance system can be easily field installed

Quick change load wheel design



OS-EC



OS-BE



OS-BE



OS-EC



OS-BE

Key Features

- Smart Glide™
- Exclusive 6" vertically adjustable control console
- Stationary SEM drive motor
- Multi-function adjustable control handle
- Variable speed lift standard on OS-BE
- Articulated load wheels with toe protection
- MOSFET drive and steer controller
- Steer centering at start-up
- Solid state switching device
- SEM transistor controller with Auto Deceleration System
- CANbus digital technology
- On-board truck control system diagnostics
- Battery compartment rollers
- Optional Smart Steer™
- Optional electronic wire guidance system with a quick learn set-up process

Model	OS-EC	OS-BE	SS-BE
<i>Performance Specifications:</i>			
Travel Speed With Load (mph)	5.5	5.5	4.9
Travel Speed Without Load (mph)	6.0	6.0	5.3
Lift Speed With Load (fpm)	25	46	46
Lift Speed Without Load (fpm)	40	65	65
Lowering Speed With Load (fpm)	42	68	68
Lowering Speed Without Load (fpm)	42	68	68
<i>Dimensions & Weights:</i>			
Overhead Guard Height (inches)	89	89.4	88.7
Length to Face of Operator Deck (inches)	72.03	81.6	98.5
Minimum Turning Radius (inches)	65.86	67.75	95.8
Overall Width (inches)	40	40	51.5

See Yale truck specification sheets for additional data. For a complete listing of truck options, contact your local Authorized Yale Dealer.

Buy a truck, **get a company.**

As a leader in materials handling, Yale offers so much more than the most complete line of lift trucks. In fact, **Yale is the number one selling lift truck company** in the Americas for units sold, since 1994.

All our **lift trucks**¹ come with the support of an entire company, our strategically located **dealer network**,² certified **service technicians**³ and everything it takes to help **finance**⁴ and **manage**⁵ your lift truck fleet. With every Yale truck you also get total service and our continuing commitment to improving your materials handling productivity.

Yale

¹ The most comprehensive line of trucks from 2,000 to 36,000 pounds, six manufacturing plants and four development engineering centers.

² More than 325 dealer locations in the Americas, Europe and Asia.

³ The industry's best service and support program, Yale Gold Service™, with 2,000 service vans and over 2,500 service technicians.

⁴ Showing customers the most cost-effective way to buy, lease or rent the trucks they require.

⁵ Fleet management services for more than 85,000 trucks and 28,000 trucks in our rental fleet.