

Standard Equipment

The OP Series Order Picker comes standard with the most essential and popular features you need to take your operation to new heights. Below you'll find just a few of these standard features and accessories:



Reliability.

It's the defining trait of our company and our forklifts.



Vehicle Management

- SepEx motor controller
- Spyglass display
 - Hour meter
 - Battery discharge indicator
- Dual control pods
 - Travel control pod: horn, platform raise/lower, operator presence, directional speed control
 - Steering control pod: straight steer indicator, mini steering wheel
- Emergency power disconnect
- Chill storage ready (to +34°F / +1° C)

Operator Conveniences

- Anti-fatigue cushioned platform
- Drive and lift controls on mast side
- Cantilever overhead guard
- Plexiglass mast guard
- Amber flashing light

Hydraulic System

- 10.2 HP hydraulic pump motor
- Down flow regulator valve

Steering System

- Electronic power steering
- Straight steer indicator
- Servo-assisted mini (proportional) steering wheel

Protection/Security

- Operator Presence System with hand operated presence switch and presence control switch (restore operation following interlock)
- Enclosed operator platform with protective railing
- Hinged platform side gates with lift and travel interlock

Brake

- Electromagnetic brake
- Regenerative braking

UniCarriers' roots extend back over 100 years, and over that time, strong, reliable performance has always been the hallmark of our organization, our people and our equipment.

Today, our unrivaled reliability continues to provide UniCarriers' customers with a competitive edge. And together, we move the merchandise that moves world commerce with greater efficiency, economy and reliability.


When it comes to providing forklifts that make a difference for our customers and theirs...

We Never Quit.

UNICARRIERS®
FORKLIFT



OP Series

 To learn more, and find a dealer near you, visit UnicarriersAmericas.com



UNICARRIERS®
FORKLIFT
UniCarriersAmericas.com

SB-OP 07-2015 Printed in U.S.A.

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Order Picker

24 Volt Battery-Powered
2,200 lbs. Capacity

OP Series Applications

With unique features, exceptional performance and legendary UniCarriers reliability, there's no better order picker for your demanding applications such as:

- Warehousing
- Piece Picking
- High Level Picking



Look for this symbol — it identifies a UniCarriers forklift feature that provides a proven performance advantage as compared to competitive trucks.



NEVER QUIT.

It defines our forklifts and the company that builds them.

Over the course of a century, the company known as UniCarriers took shape. As we grew and evolved into a US manufacturer with a global reach in nearly 100 countries worldwide, much has changed, but one thing hasn't: our mission. UniCarriers is committed to providing you with the ultimate in reliability, performance, and value.

And that commitment can be seen in the OP Series. It features a system that allows operators to raise or lower the pallet to optimal height in order to minimize the potential for operator back strain while dramatically increasing productivity. It has a unique enclosed platform that requires no tether or harness. It also provides precise control thanks to its intuitive, adjustable travel and steering control pods. And those are just the beginning of the performance advantages you'll get with UniCarriers OP Series order pickers.



Up Your UpTime

Discover reliability features that cut downtime and keep your business up and running



Sweet Savings

The OP is designed to deliver you a low cost of ownership year after year after year



Comfort Zone

Your drivers and your entire operation will benefit from our comfort & productivity features



Control Freak

With the OP, you're in complete control when it comes to managing costs and productivity



Play It Safe

Safety is everybody's business, and the OP is all business when it comes to safety



Power & Performance

The 24V electrical system and transistor drive controller provide exceptional performance



Make It Yours

Already well appointed, the OP can be customized to meet your specific needs



To learn more, and a find a dealer near you, visit UniCarriersAmericas.com



Up Your UpTime

UniCarriers has built our reputation for uptime performance by producing trucks that offer rock solid reliability, provide a long, productive life, require less maintenance and are easier to service. From the chassis to the motor to the mast, you'll find every individual component of the OP Series has been designed and manufactured to exacting standards...and they've all been assembled into one extraordinary and reliable truck.

Heavy-Duty Mast

The rugged, 3-stage, high visibility mast incorporates an interlocking I-beam and uses heavy-duty rollers for greater durability and long life.

Power Check

Daily battery checks are made through a flip-top panel, while the battery sits on rollers for rapid changeover.



Fewer Parts Mean Less Downtime

With a separately excited drive motor and controller, we've eliminated forward and reverse contactors — resulting in more reliable performance, reduced service and more uptime.

Strong, Solid and Built to Last



At the core of the OP Series is a welded solid steel frame with one-piece, solid channel leg bases mounted to the main-frame. More rugged than the 2-piece legs used by some competitors, it's a design that delivers superior durability for a longer, more productive service life.

Drive Unit

The drive unit features a spiral bevel and helical gear drivetrain operating in an oil bath — delivering both quieter operation and longer life.

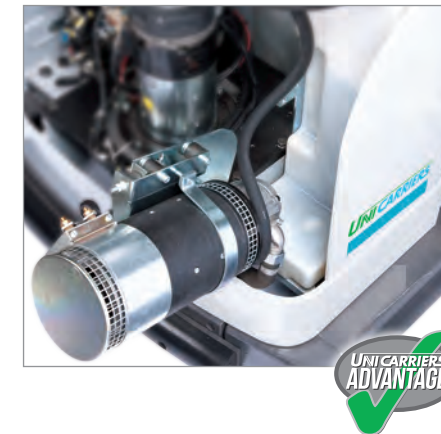


Sweet Savings

The true value of an investment can't just be evaluated by the initial purchase price, but what it can save you over the long haul. Your UniCarriers dealer will show you how to find continual savings in time and money, thanks to the built-in reliability, uptime performance and long service life of an OP Series truck.

Easy to Access...Accessible Components Mean Faster Service

Access to the truck's major components is easy, so service is quick and simple. The hydraulic motor/pump and the control systems tilt-down conveniently for rapid, practical servicing.



The Simple Solution

Electromagnetic brakes use regenerative torque prior to actuation to reduce wear. The entire assembly is comprised of just 4 parts — a simpler design that makes maintenance faster and easier.

Better Access by Design

The drive motor is fully accessible and its brushes are strategically positioned so they can be conveniently accessed for inspection and service.



Steer Clear of Maintenance Costs

The OP Series uses on-demand electronic power steering instead of a hydrostatic system. As a result, it consumes less power and has fewer parts — so you don't waste time and money maintaining chains or replacing hydraulic fluid seals.



You'll realize substantial savings from the advanced ergonomics throughout the OP Series forklift. Standard design features improve operator comfort and productivity, and can also help to minimize the cost of absenteeism, workers' compensation claims and employee turnover.



Comfort Zone

Unlike typical order pickers, the OP Series is designed with sophisticated ergonomics that not only make your operators more comfortable, but more productive, too. Our Ergolift feature, for instance, adjusts to keep the load at the optimum height to minimize operator strain — but it's only one of the many features designed to optimize the health and wellbeing of your employees, the security of your workplace and the bottom-line profitability of your business.

In Complete Control

Dual ergonomic control pods deliver precise operation and a comfortable fit — both the angle and height of the pod placement can be adjusted to the individual preferences of the operators. The pods are installed on the mast-side for improved visibility, but can be easily relocated to the fork side as a factory option. An extra set of controls can even be ordered for placement on both sides.



The right-hand control pod includes a horn button, platform lift/lower control, speed/directional control, and an operator presence sensor.



The left steering control pod includes a straight steering indicator and a mini steering wheel that delivers precise and ergonomic steering control.



Freedom in Movement

The spacious operator compartment is laid out for maximum comfort and visibility. The 36" high railing design offers operator security for unmatched freedom of movement. The operator presence system button is conveniently positioned on the control pods, keeping the platform floor completely clear of any obstruction, including pedals commonly found on competitive equipment.



Smooth Operator

The hydraulic system employs soft closing valves that slow speeds in the final 6 inches of the lift and lower commands for a smooth stop.

Easy In and Easy Out

A low 10" step and hinged gates on both sides of the platform facilitate easier entry and exit — and a thick cushioned floor mat and vibration isolators provide continual comfort throughout the shift.

Productivity within Reach

Our innovative Ergolift system employs a secondary mast that allows the operator to lower the picking pallet height as it's filled — keeping it at the ideal operator height. This increases productivity by minimizing the time and motion of the picker, while eliminating the backbreaking repetitive bending that can lead to muscle strain, fatigue, damaged goods and lost productivity. Best of all, it's standard on every OP Series truck.

Easy Does It

Electronic power steering provides both superior maneuverability and smooth, easy operation.



Control Freak

The OP Series is equipped with a full array of features that provides operators with precise control over the truck. At the same time, it provides you with the control required to maximize efficiency while maintaining a secure working environment.

Auto Speed Reduction

Travel speed is automatically reduced when the platform is raised more than 24", or when the steering is greater than 10° and platform height is at or above 197".

Limit Mistakes & Maximize Productivity

An optional Lift Limit switch is ideal in an environment where the ceiling height varies or fans, lighting fixtures or other obstructions exist. Available with or without an operator override feature.

Good Indicator of Performance

The spyglass display panel features an hour meter plus a battery discharge indicator with lift interrupt occurring at low battery levels.



It Won't Make a Move Until the Operator is Ready

The OP Series' sophisticated operator presence system requires that the hinged side gates are down and the operator presence sensor on the Travel/Lift/Lower control pod is activated. This ensures that the operator has full control of the forklift.



Play It Safe

Our engineers have overlooked no detail to create a working environment that's secure both on the ground and far above it.



Work Freely



A spacious operator platform is fully enclosed by a 36" railing to allow the operator freedom of movement. Combined, the mast, chassis and long wheelbase provide the exceptional stability required when operating at high picking heights.

Don't Get Tripped Up

Unlike competitive models, the compartment floor is wide open with no pedals to sidestep — just a thick, cushioned floor mat that floats on vibration isolators.



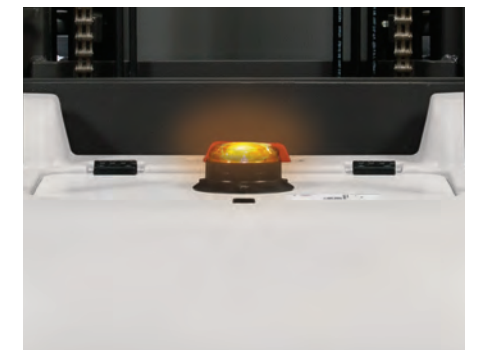
Emergency Stop

An emergency power disconnect button is located on the display panel within easy reach.



A Real Attention Getter

A flashing amber strobe light alerts others to the truck's presence in the area.



Protection from Above

Cantilevered overhead guard offers protection from falling objects. Optional left and right side mounted work lights available.



Power & Performance

Take a look at the operating specifications and innovative features on this page, and you'll see everything about the OP Order Picker Series is designed to speed productivity. That means ergonomics that save time and motion on every item picked, and it means ultra reliable DC drive and pump motors that accelerate quickly, work efficiently and deliver the uptime performance you expect from a UniCarriers brand product.

Quick Acceleration

SepEx drive controller and motor system delivers quick acceleration to improve productivity



Extra Help for Heavy Items

The heavy-duty construction and contoured shape of the platform railing does double duty...providing protection and allowing the operator to slide picked items easily across and onto the pallet — reducing unnecessary back strain.



Operator Custom Fit

A secondary lift mast ensures the load remains at the ideal height for operators throughout their pick cycle — significantly reducing fatigue and the chance of bodily injury. It also helps speed the picking process for greater productivity.



THE OP SERIES IS AVAILABLE IN 2 MODELS AND 9 LIFT HEIGHTS:

OP22N Chassis	OP22HN Chassis
42.1" truck width 41.4" platform width	46.1" truck width 45.3" platform width
Platform lift heights:	Platform lift heights:
163" 181" 204" 216" 240"	258" 278" 305" 324"

A Powerful Lift

A powerful 10.2 HP pump motor delivers plenty of hydraulic pressure — for exceptionally responsive lift speeds:

Lift Speeds

0-16 ft
in 3.2 Seconds

Lift Speeds

55
FPM

Lift Height

163-324
Inches



Make It Yours

OP Series Order Pickers come with a long list of standard performance and convenience features. We also have additional options available to customize your trucks to your environment and the way you operate your business. Check out the list of features below, and if you don't see what you're looking for, contact your UniCarriers dealer for more options.

- Cold storage ready (to -31° F / -35° C)
- Adjustable fork width: max 55.1" O.D. spread
- Front, rubber bumper
- Lift limit switch
- Lift limit switch with override
- Drive and lift controls on fork side
- Wire mesh mast guard (with cold storage option)
- Left and right side work lights
- Clipboard



Left & Right Side Work Lights



Clipboard



Control Pods Located on Fork Side

To learn more, and find a dealer near you, visit UniCarriersAmericas.com

