# WP Silver Series




## Powered Pallet Trucks

**24 / 48 Volt**

**3,300 & 4,400 lbs. Capacities**

UNICARRIERS® FORKLIFT

# NEVER QUIT.

## YOUR JOB DOESN'T STOP, AND NEITHER SHOULD YOUR FORKLIFTS. THAT'S WHERE WE COME IN.

Your application isn't just transporting pallets. There's narrow aisles, loading docks, and confined spaces where simplicity, maneuverability and ease of use matter most..

**Flexibility is the name of the game. And that's where the WP Silver excels.**



| | |
|---|---|
| Power: | 24/48 V Electric |
| Maneuverability: | Engineered to excel in tight spaces |
| Environment: | Navigates tight aisles and loading docks |
| Travel Distance: | Short to medium distances |
| Lift: | 4.5" (115mm) |

## WP Silver Series In Your Application

Performance, reliability, control, safety and comfort – the WP Silver series incorporates them all to excel in a wide-range of fast-paced industrial applications, such as:

**• Retail • Warehousing • Loading Docks • Multiple Space-Constrained Environments**

# Performance: YOUR APPLICATION DESERVES BOTH POWER AND EFFICIENCY.

Your operation can't shut down or slow down because of the equipment you use. That's why our pallet trucks are designed to deliver maximum uptime. From the tips of the forks to the switches on the handle, our trucks are engineered to do more, withstand more, and deliver more, every day.

These powered pallet jacks are engineered to maximize productivity and operational efficiency. They are an ideal solution for light-duty tasks in warehouses, retail settings, and other space-constrained work environments, delivering reliable performance where maneuverability and ease of use are essential.




## Our Controller Area Network (CAN) System Is Simply Smarter

CAN-bus technology simplifies system diagnostics and fine-tuning, helping minimize downtime and keep operations running smoothly.

## Our DC Drive Motor Does More for Less

Reliable, consistent operation is driven by a large-diameter, wear-resistant polyurethane traction wheel with built-in shock absorption, working in tandem with a powerful 24V DC permanent-magnet motor. Integrated hydraulic and electrical systems are engineered for easy servicing.

## Simplified Maintenance Throughout

A conveniently located external programming port simplifies parameter adjustments and routine maintenance.

## Built for Protection and Durability

The WP Silver series truck has an enclosed design with a one-piece steel battery cover safeguards critical components while achieving superior waterproof and dustproof performance. Added protection comes from a stamped steel drive wheel cover, which shields key components and helps protect the operator's feet during operation. Complementing these features, a high-strength, compact frame is engineered for long-lasting, reliable material handling across multiple shifts.

# Reliability: YOUR FORKLIFT NEEDS TO BE READY WHEN YOU NEED IT. UPTIME IS NOT OPTIONAL.

### Advanced Battery Intelligence

Our lithium battery systems feature an integrated intelligent Battery Management System (BMS), advanced thermal management, and high-voltage DC control. The Battery Management System actively controls charging and discharging to ensure dependable performance and durability throughout the battery's entire lifecycle.

### Power that fits your needs

These trucks use a 24V/20Ah battery system, while higher-capacity models feature a 48V/20Ah configuration.

A unique fork design ensures quick, effortless pallet entry and exit, with an integrated stamping process that maximizes frame strength and rigidity.





- Fast-charging, low-maintenance lithium battery reaches full charge in 2-4 hours
- Opportunity charging enables nonstop productivity across multiple shifts
- Convenient battery access enables quick and easy replacement
- Integrated battery heating on applicable configurations helps maintain performance and supports operations in cold environments.
- Select configurations include a standard onboard charger for added flexibility across work environments.

# Control: YOUR PRODUCTS DESERVE PURE PRECISION. WE PUT IT AT YOUR FINGERTIPS.

Whether it's navigating tight aisles, traveling to and from loading docks, or delivery operations, these pallet jacks are well-suited for light-duty operations in warehouses, retail locations, and other confined working environments.

From the ergonomic design of the tiller head to the high-strength compact frame, our trucks have been engineered to put your operators in comfortable command of any situation.



Ergonomic butterfly-style thumb controls ensure smooth movement and precise control.

The Turtle button enables upright-handle operation for smooth, controlled handling in tight spaces, including trailers and containers.

Select models feature a smart PIN code entry for secure equipment access.

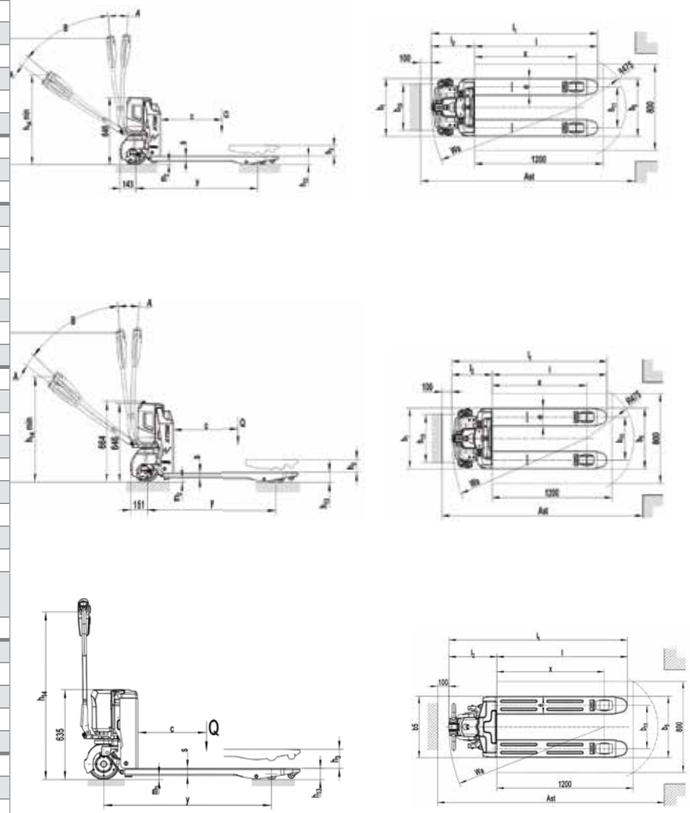
Ability to overcome ramps up to 7% loaded and 20% unloaded

Ergonomically designed tiller head provides comfortable operation, with oversized buttons for easy use



# Specifications

| | | | | | | WP15B-SL | | WP20B-SL | | WP15P-SL | | WP20P-SL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Characteristics | 1.3 | Drive (electric – battery or mains, diesel, petrol, fuel gas, manual) | | | | Lithium | | Lithium | | Lithium | | Lithium | |
| | 1.4 | Type of operation (hand, pedestrian, standing, seated, order picker) | | | | Pedestrian | | Pedestrian | | Pedestrian | | Pedestrian | |
| | 1.5 | Load capacity at rated load center | Q | lb | *kg* | 3,300 | *1,500* | 4,400 | *2,000* | *3,300* | *1,500* | *4,400* | *2,000* |
| | 1.6 | Rated load center | c | in | *mm* | 24 | *600* | 24 | *600* | *24* | *600* | *24* | *600* |
| | 1.8 | Load distance, center of drive axle to fork face | x | in | *mm* | 37.3 | *947* | 37.3 | *947* | *37.3* | *947* | *37.4* | *951* |
| | 1.9 | Wheel base | y | in | *mm* | 46.8 | *1,189* | 46.8 | *1,189* | *46.7* | *1187* | *46.8* | *1,189* |
| Weights | 2.1 | Service weight | | lb | *kg* | *287* | *130* | 293 | *133* | *279.9* | *127* | *315.2* | *143* |
| | 2.2 | Axle loading - loaded, front / rear | | lb | *kg* | 1,157 / 2,458 | *525/1,115* | 1,164 / 2,469 | *528/1,120* | *1,377/2,209* | *625/1002* | *1,388/3,335* | *630/1513* |
| | 2.3 | Axle loading - unloaded, front / rear | | lb | *kg* | *238 / 70* | *108 / 32* | 251 / 75 | *114 / 34* | *216/63* | *98/29* | *238/77* | *108/35* |
| Wheels, Chassis | 3.1 | Tires (solid rubber, superelastic, pneumatic, polyurethane) | | | | Polyurethane (PU) | | Polyurethane (PU) | | Polyurethane (PU) | | Polyurethane (PU) | |
| | 3.2 | Tire size, drive | ∅xw | in | *mm* | ∅ 8.2 x 2.9 | *∅ 210 x 75* | ∅ 8.2 x 2.9 | *∅ 210 x 75* | *8.27 x 2.76* | *210 x 70* | *8.27 x 2.76* | *210 x 70* |
| | 3.3 | Tire size, load | ∅xw | in | *mm* | ∅ 2.9 x 3.2 | *∅ 74 x 83* | ∅ 2.9 x 3.2 | *∅ 74 x 83* | *74x93/80x70 (80x93)* | | *74x93/80x70 (80x93)* | |
| | | Additional wheels (dimensions) | | | | N/A | | N/A | | *- / 3.1x1.1* | *- / 80x30* | *- / 3.1x1.1* | *- / 80x30* |
| | 3.4 | Wheels, number front / rear (x = driven wheels) | | | | 1x / 2 | | 1x / 2 | | 1x/2(1x/4) or 1x +2/2(1x+2/4) | | 1x/2(1x/4) or 1x +2/2(1x+2/4) | |
| | | Tread, front | $b_{10}$ | in | mm | N/A | | N/A | | 1x/2(1x/4) or 1x +2/2(1x+2/4) | | 1x/2(1x/4) or 1x +2/2(1x+2/4) | |
| | 3.6 | Tread, width, rear | *b11* | in | *mm* | 20.6 | *525* | 20.6 | *525* | *-/16.9* | *-/430* | *-/16.9* | *-/430* |
| Dimensions | 4.4 | Lift | h3 | in | *mm* | 4.53 | *115* | 4.53 | *115* | *4.53* | *115* | *4.53* | *115* |
| | 4.9 | Height of tiller min./max. | h14 | in | *mm* | 24.8 / 48.4 | *630 / 1,230* | 24.8 / 48.4 | *630 / 1,230* | *27.5/45.6* | *700/1160* | *27.5/45.6* | *700/1160* |
| | 4.15 | Height, lowered | h13 | in | *mm* | 3.1 / 2.9 | *80 / 75* | 3.1 / 2.9 | *80 / 75* | *3.15/2.95* | *80/75* | *3.15/2.95* | *80/75* |
| | 4.19 | Overall length | l1 | in | *mm* | 60.2 | *1,530* | 60.2 | *1,530* | *60.5* | *1537* | *60.7* | *1543* |
| | 4.20 | Length to face of forks | l2 | in | *mm* | 14.9 | *380* | 14.9 | *380* | *15.2* | *388* | *15.5* | *394* |
| | 4.21 | Overall width | b2 | in | *mm* | 26.9 | *685* | 26.9 | *685* | *26.97* | *685* | *26.97* | *685* |
| | 4.22 | Fork dimensions - thickness / width / length | s/e/l | in | *mm* | 1.9 / 6.3 / 45.2 | *51 / 160 / 1,150* | 1.9 / 6.3 / 45.2 | *51 / 160 / 1,150* | *1.9 / 6.3 / 45.2* | *51 / 160 / 1,150* | *1.9/ 6.3 / 45.2* | *51 / 160 / 1,150* |
| | 4.25 | Width across forks | b5 | in | *mm* | 26.97 | *685* | 26.97 | *685* | *26.97* | *685* | *26.97* | *685* |
| | 4.32 | Ground clearance, center of wheelbase | m2 | in | *mm* | 1.1 / 0.9 | *30 / 25* | 1.1 / 0.9 | *30 / 25* | *1.18/0.98* | *30/25* | *1.18/0.98* | *30/25* |
| | 4.34 | Right Angle Stack with 40x48 pallet lengthways | Ast | in | *mm* | 78.9 | *2,004* | 78.9 | *2,004* | *83.3* | *2115* | *83.5* | *2121* |
| | 4.35 | Turning radius | Wa | in | *mm* | 52.4 | *1,332* | 52.4 | *1,332* | *52.5* | *1336* | *52.8* | *1342* |
| Performance | 5.1 | Travel speed, loaded/unloaded | | mph | *km/h* | 2.5 / 2.7 | *4.0 / 4.4* | 2.5 / 2.7 | *4.0 / 4.4* | *2.6/2.9* | *4.2/4.7* | *2.9/3.2* | *4.8/5.2* |
| | 5.2 | Lift speed, loaded/unloaded | | fpm | *m/s* | 3.1 / 4.1 | *0.01/ 0.02* | 2.9 / 3.9 | *0.01 / 0.02* | *3.9/4.9* | *0.020/0.025* | *3.3/4.3* | *0.017/0.022* |
| | 5.3 | Lowering speed, loaded/unloaded | | fpm | *m/s* | 9.8 / 5.1 | *0.05 / 0.02* | 9.8 / 4.7 | *0.05 / 0.02* | *9.8/7.8* | *0.05/0.04* | *9.8/5.9* | *0.05/0.03* |
| | 5.8 | Max. gradeability, loaded/unloaded | | % | | 6 / 20 | | 7 / 20 | | 6 / 16 | | 8 / 16 | |
| | 5.10 | Service brake | | type | | Electromagnetic | | Electromagnetic | | Electromagnetic | | Electromagnetic | |
| Motors | 6.1 | Drive motor rating S2 60 min | | HP | *kW* | 1.0 | *0.7* | 1.3 | *1.0* | *0.8* | *0.6* | *1.3* | *1.0* |
| | 6.2 | Lift motor rating at S3 10% | | HP | *kW* | 0.6 | *0.5* | 1.0 | *0.7* | *0.6* | *0.5* | *1.0* | *0.8* |
| | 6.3 | Battery acc. to DIN 43531 / 35 / 36 A, B, C, no | | | | / | | / | | / | | / | |
| | 6.4 | Battery voltage, nominal capacity $K_5$ | | V | *Ah* | 24V | *20Ah* | 48V | *20Ah* | *24V* | *40Ah* | *48V* | *20Ah* |
| | 6.5 | Battery weight | | lb | *kg* | 13.0 | *5.9* | 13.2 | *6.0* | *18.7* | *8.5* | *18.7* | *8.5* |
| | 6.6 | Energy consumption acc. to VDI cycle | | kWh/h | | 0.1 | | 0.2 | | 0.18 | | 0.25 | |
| Other Details | 8.1 | Type of drive control | | | | DC-speed control | | DC-speed control | | DC | | DC | |
| | 8.4 | Sound level at driver's ear | | dB(A) | | <70 | | <70 | | ≤66 | | ≤66 | |



Note: Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Logisnext Americas Inc. (See ANSI/ITSDF B56.1). Consult your dealer for further information.

## Safety Standards

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1.

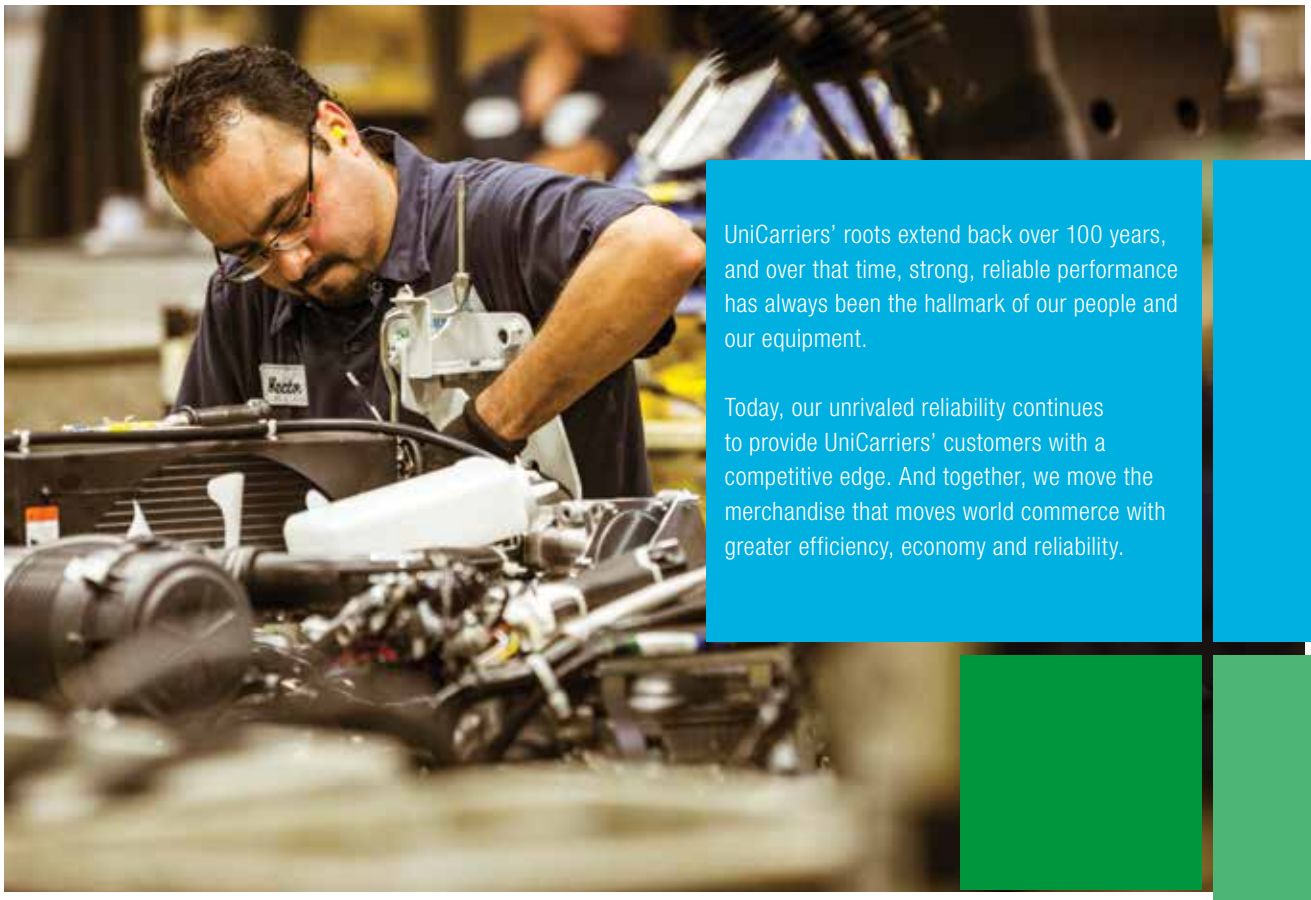
Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks - type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Contact your UniCarriers forklift dealer for further information including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and requirements. Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

# Reliability.
## It's the defining trait of our brand and our forklifts.



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

Which brand do you trust?
The one you never have to think about.

## We Never Quit.

LogisnextAmericas.com/UniCarriers

UNICARRIERS® FORKLIFT

**UECN0400-01S** 10/2026

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