

W/P Silver Series



Powered Pallet Trucks

24 / 48 Volt
3,300 & 4,400 lbs. Capacities

UNI CARRIERS[®]
[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.

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.

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.



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

The WP15B-SL is a 24V system available in a 20Ah battery configuration. The WP20B-SL operates at 48V and is offered in a 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



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.



Ability to overcome ramps up to 7% loaded and 20% unloaded (WP20B-SL)

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



Specifications

				WP15B-SL		WP20B-SL			
Characteristics	1.3	Drive (electric – battery or mains, diesel, petrol, fuel gas, manual)		Lithium		Lithium			
	1.4	Type of operation (hand, pedestrian, standing, seated, order picker)		Pedestrian		Pedestrian			
	1.5	Load capacity at rated load center	Q	lb	kg	3,300	1,500	4,400	2,000
	1.6	Rated load center	c	in	mm	24	600	24	600
	1.8	Load distance, center of drive axle to fork face	x	in	mm	37.3	947	37.3	947
Weights	1.9	Wheel base	y	in	mm	46.8	1,189	46.8	1,189
	2.1	Service weight		lb	kg	287	130	293	133
	2.2	Axle loading - loaded, front / rear		lb	kg	1,157 / 2,458	525 / 1,115	1,164 / 2,469	528 / 1,120
Wheels, Chassis	2.3	Axle loading - unloaded, front / rear		lb	kg	238 / 70	108 / 32	251 / 75	114 / 34
	3.1	Tires (solid rubber, superelastic, pneumatic, polyurethane)				Polyurethane (PU)		Polyurethane (PU)	
	3.2	Tire size, drive	Øxw	in	mm	Ø 8.2 x 2.9	Ø 210 x 75	Ø 8.2 x 2.9	Ø 210 x 75
	3.3	Tire size, load	Øxw	in	mm	Ø 2.9 x 3.2	Ø 74 x 83	Ø 2.9 x 3.2	Ø 74 x 83
	3.4	Wheels, number front / rear (x = driven wheels)				1x / 2		1x / 2	
	3.6	Tread, width, rear	b11	in	mm	20.6	525	20.6	525
Dimensions	4.4	Lift	h3	in	mm	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
	4.15	Height, lowered	h13	in	mm	3.1 / 2.9	80 / 75	3.1 / 2.9	80 / 75
	4.19	Overall length	l1	in	mm	60.2	1,530	60.2	1,530
	4.20	Length to face of forks	l2	in	mm	14.9	380	14.9	380
	4.21	Overall width	b2	in	mm	26.9	685	26.9	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
	4.25	Width across forks	b5	in	mm	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
	4.34	Right Angle Stack with 40x48 pallet lengthways	Ast	in	mm	78.9	2,004	78.9	2,004
4.35	Turning radius	Wa	in	mm	52.4	1,332	52.4	1,332	
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
	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
	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
	5.8	Max. gradeability, loaded/unloaded		%		6 / 20		7 / 20	
5.10	Service brake		type		Electromagnetic		Electromagnetic		
Motors	6.1	Drive motor rating S2 60 min		HP	kW	1.0	0.7	1.3	1.0
	6.2	Lift motor rating at S3 10%		HP	kW	0.6	0.5	1.0	0.7
	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
	6.5	Battery weight		lb	kg	13.0	5.9	13.2	6.0
	6.6	Energy consumption acc. to VDI cycle		kWh/h		0.1		0.2	
Other Details	8.1	Type of drive control				DC-speed control		DC-speed control	
	8.4	Sound level at driver's ear			dB(A)	<70		<70	

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.

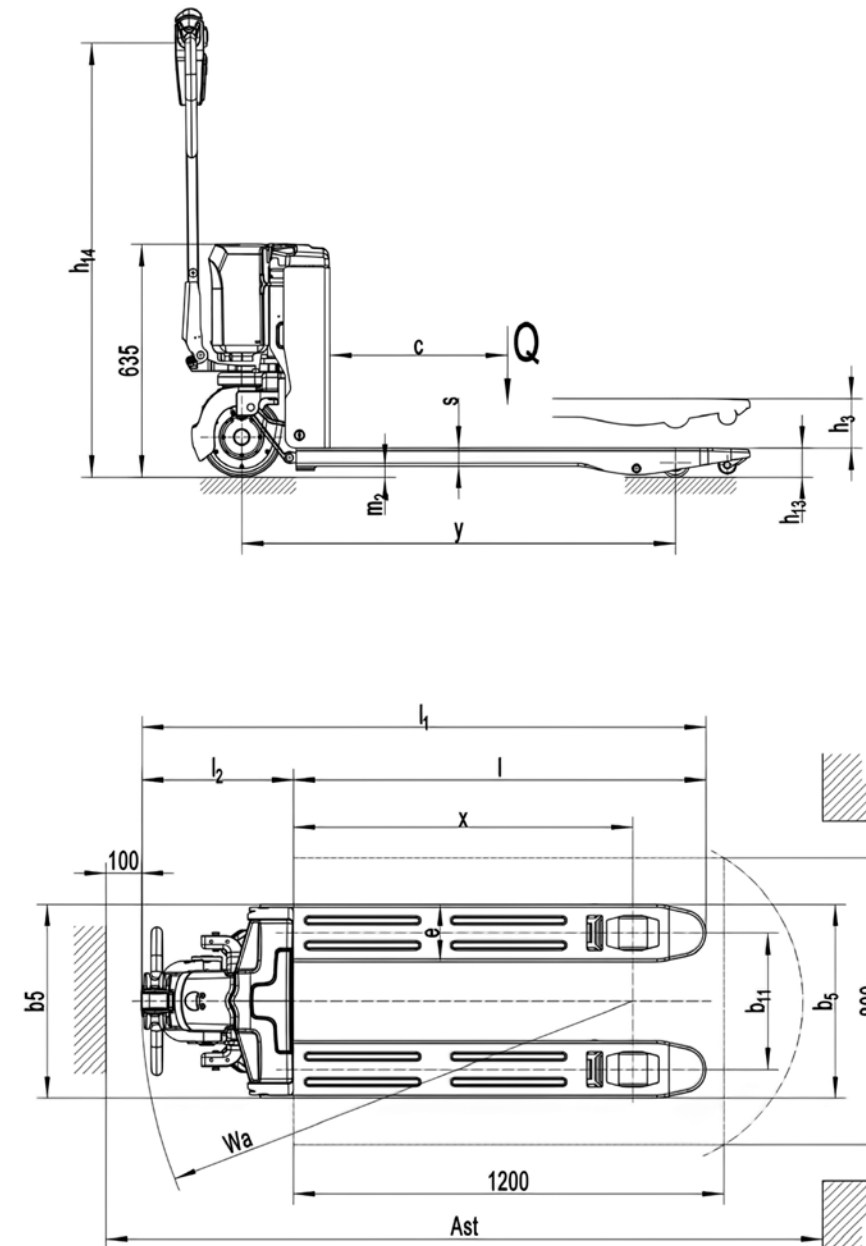
Safety Standards

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



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