WPP/WPV Silver Series



Powered Pallet Trucks

24 Volt

3,500 - 6,600 lb. 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 and confined spaces where simplicity, maneuverability and ease of use matter most.

Flexibility is the name of the game. And that's where the power pallet trucks delivers.

Power:	24V
Maneuverability:	Engineered to excel in tight spaces
Environment:	Built for demanding warehouse environments
Travel Distance:	Short to medium distances
Lift:	Up to 4.7" (120mm)



Simplified Maintenance, Greater Uptime

Easy access, smart diagnostics, and simplified maintenance procedures reduce repair time and support continuous operation..

Built for Essential Applications

Featuring a rugged frame and high-capacity drive components, these power pallet trucks are built to perform reliably in fast-paced material handling operations and deliver lasting durability.

AC Drive Technology

Designed for productivity, the advanced AC drive system combines smooth operation, energy efficiency, and lasting durability to keep performance at its peak.

WPP/WPV Silver Series In Your Application

Performance, reliability, control, safety and comfort – the WPP/WPV Silver incorporates them all to deliver in a wide-range of fast-paced industrial applications, such as:

• Retail • Warehousing • Loading Docks • Distribution Centers

WS Silver: YOUR APPLICATIONS DESERVES BOTH FLEXIBILITY AND RELIABILITY

Built to keep operations moving, our lithium-powered pallet trucks provide dependable load transport for warehouses, distribution centers, manufacturing facilities, and retail environments. With multiple operator configurations available, they offer the versatility to support a wide range of daily material handling tasks.



Advanced Battery Intelligence

The integrated battery management (BMS) ensures dependable performance by actively controlling the charging and discharging throughout the battery's entire lifecycle.



Platform-equipped trucks are ideal for longer travel distances, combining operator comfort with faster load movement to improve warehouse efficiency.



Select models offer a lifting system with adjustable pull rods which provides greater operation stability.

Ability to overcome ramps up to 8% loaded and 15% unloaded.

Efficient Power

Designed to keep operations moving, the lithium power system enables flexible charging, consistent performance, and low maintenance operation, allowing operators to focus on material movement instead of battery management.

- Fast and opportunity charging
- Low maintenance operation
- Integrated BMS for optimized performance
- Increased uptime and productivity

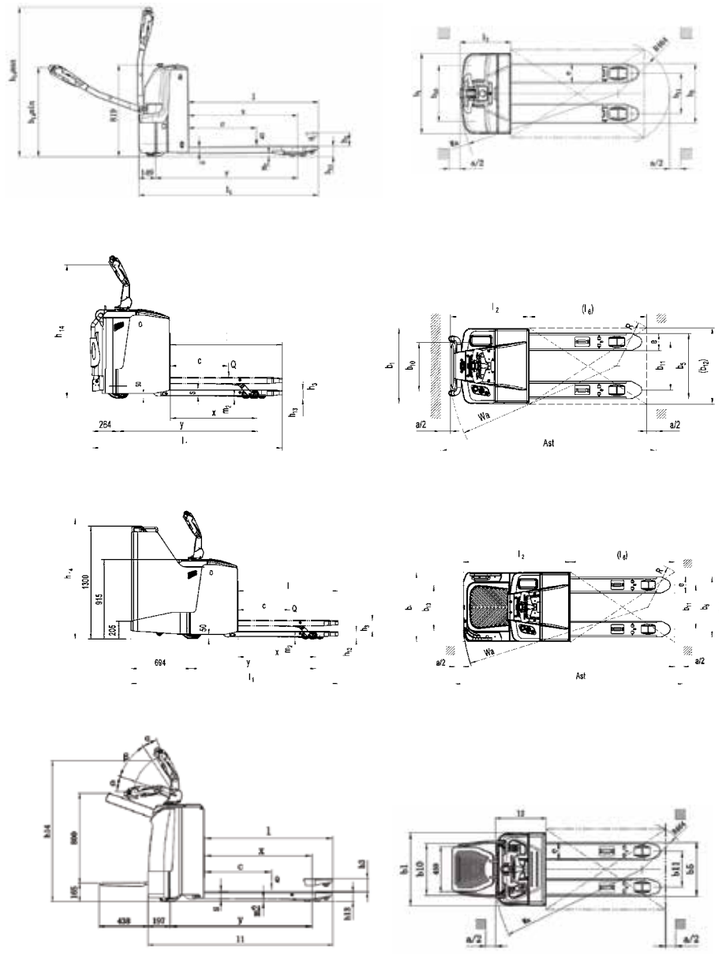
Control

Available configurations feature a long tiller design that promotes precise handling, effortless operation, and greater operator confidence.

Intuitively positioned controls provide easy access to all essential functions, enhancing comfort and helping reduce strain during extended operating periods.

Select models feature advanced electric steering, enabling smoother navigation, improved operator comfort, and increased throughput during demanding shifts.

Call-out numbers shown in the diagram correspond to the first column of the specifications chart.



Safety Standards

These trucks are CE certified and meet the applicable European safety requirements.

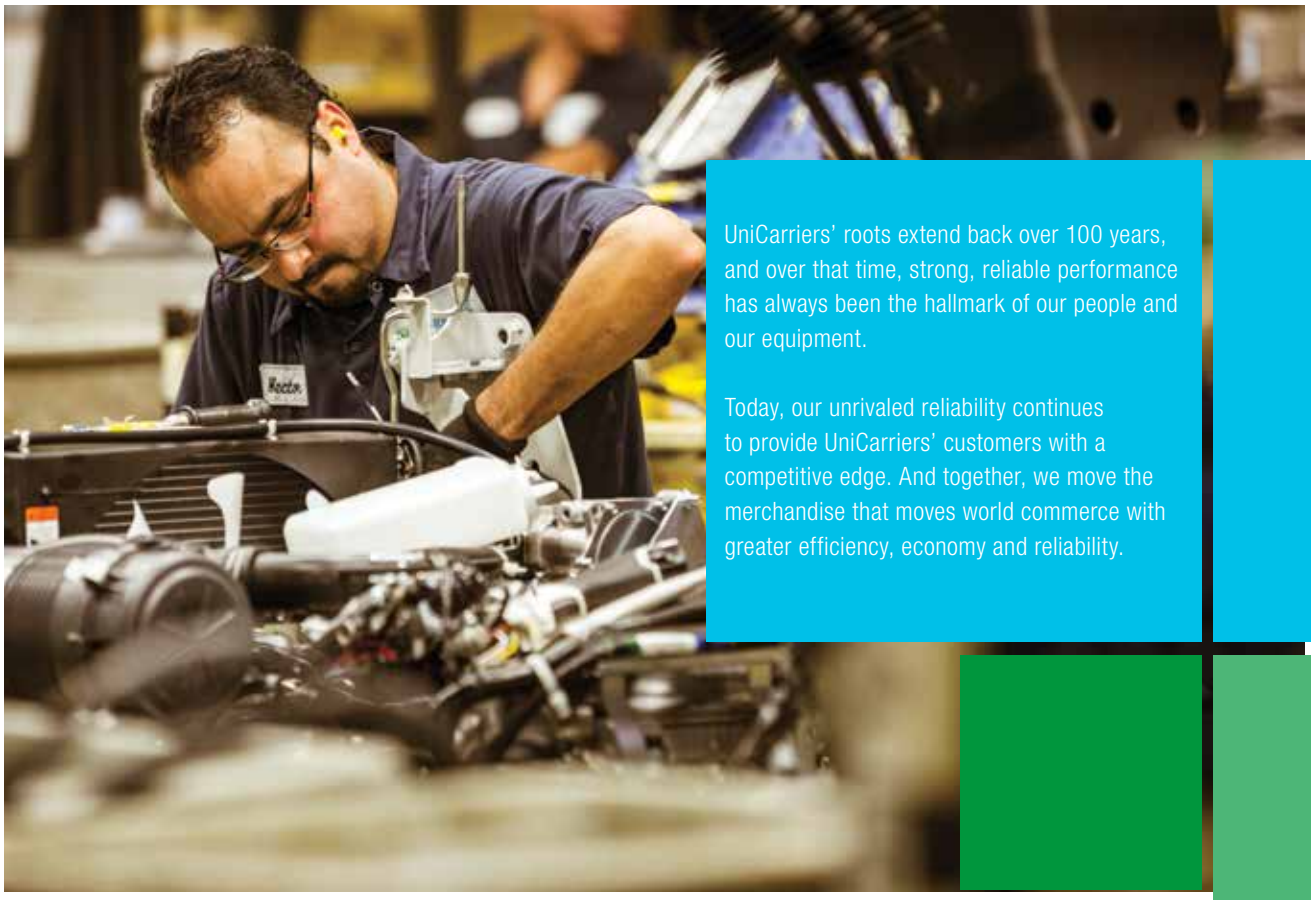
Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

Specifications

Characteristics			WPV20H-SL		WPV25H-SL		WPV30H-SL		WPF20HR-SL		WPF25HR-SL		WPF30HR-SL		WPP16-SL		WPP20-SL		WPV20-SL	
Drive (electric - battery or mains, diesel, petrol, fuel gas, manual)			Battery		Battery		Battery		Battery		Battery		Battery		Battery		Battery		Battery	
Type of operation			Pedestrian		Pedestrian		Pedestrian		Pedestrian		Pedestrian		Pedestrian		Pedestrian		Pedestrian		Pedestrian	
Load Capacity at rated load center	lb	*kg*	4,500	2,000	5,500	2,500	6,600	3,000	4,500	2,000	5,500	2,500	6,600	3,000	3,500	1,600	4,500	2,000	4,500	2,000
Rated load center	in	*mm*	23.6	600	23.6	600	23.6	600	23.6	600	23.6	600	23.6	600	23.6	600	23.6	600	23.6	600
Load distance, center of drive axle to fork face	in	*mm*	38.0	965	38.0	965	38.0	965	38.0	965	38.0	965	38.0	965	38.0	966	38.0	966	35.4	899
Wheelbase	in	*mm*	59.1	1,502	59.1	1,502	59.1	1,502	59.1	1,502	59.1	1,502	59.1	1,502	49.5	1,258	52.6	1,336	47.5	1,206
Dimensions			**WPV20H-SL**		**WPV25H-SL**		**WPV30H-SL**		**WPF20HR-SL**		**WPF25HR-SL**		**WPF30HR-SL**		**WPP16-SL**		**WPP20-SL**		**WPV20-SL**	
Lift Height	in	*mm*	4.7	*120*	4.7	*120*	*4.7*	*120*	*4.7*	*120*	*4.7*	*120*	*4.7*	*120*	*4.7*	*120*	*4.7*	*120*	*4.7*	*120*
Height of tiller min./max.	in	*mm*	42/54	*1,075/1,375*	42/54	*1,075/1,375*	*42/54*	*1,075/1,375*	*42/54*	*1,075/1,375*	*42/54*	*1,075/1,375*	*42/54*	*1,075/1,375*	*30/49*	*765/1,250*	*30/49*	*765/1,250*	*42/49*	*1,070/1,260*
Height, lowered	in	*mm*	3.3	*85*	3.3	*85*	*3.3*	*85*	*3.3*	*85*	*3.3*	*85*	*3.3*	*85*	*3.3/3.2*	*85/83*	*3.3/3.2*	*85/83*	*3.3*	*85*
Overall Length	in	*mm*	76.8	*1,950*	76.8	*1,950*	*76.8*	*1,950*	*93.8*	*2,383*	*93.8*	*2,383*	*93.8*	*2,383*	*62.6*	*1,590*	*65.7*	*1,668*	*65.2*	*1,655*
Length to Face of Forks	in	*mm*	31.5	800	31.5	800	31.5	800	48.5	1,233	48.5	1,233	48.5	1,233	17.3	440	20.4	518	19.9	505
Overall Width	in	*mm*	31.1	*790*	31.1	*790*	*31.1*	*790*	*31.1*	*790*	*31.1*	*790*	*31.1*	*790*	*28.7*	*729*	*28.7*	*729*	*28.7*	*730*
Fork Dimensions - thickness/width/length	in	*mm*	2.3/7.0/45.2	*60/180/1,150*	2.3/7.0/45.2	*60/180/1,150*	*2.3/7.0/45.2*	*60/180/1,150*	*2.3/7.0/45.2*	*60/180/1,150*	*2.3/7.0/45.2*	*60/180/1,150*	*2.3/7.0/45.2*	*60/180/1,150*	*2.3/6.8/45.2*	*60/173/1,150*	*2.3/6.8/45.2*	*60/173/1,150*	*2.3/7.0/45.2*	*60/180/1,150*
Width Across Forks	in	*mm*	27.0	*685*	27.0	*685*	*27.0*	*685*	*27.0*	*685*	*27.0*	*685*	*27.0*	*685*	*21.2/27*	*540/685*	*21.2/27*	*540/685*	*21.2/27*	*540/685*
Ground clearance, center of wheelbase	in	*mm*	1.0	*25*	1.0	*25*	*1.0*	*25*	*1.0*	*25*	*1.0*	*25*	*1.0*	*25*	*1.0/1.1*	*25/28*	*1.0/1.1*	*25/28*	*1.0*	*25*
Right angle stack with 1000 x 1200 crossways	in	*mm*	102.4	*2,600*	102.4	*2,600*	*102.4*	*2,600*	*119.3*	*3,030*	*119.3*	*3,030*	*119.3*	*3,030*	*85.4*	*2,170*	*85.4/88.5*	*2,170 (2,248)*	*88.1*	*2,238*
Turning Radius	in	*mm*	70.1	*1,780*	70.1	*1,780*	*70.1*	*1,780*	*87.0*	*2,210*	*87.0*	*2,210*	*87.0*	*2,210*	*56.0*	*1,422*	*58.3*	*1,482*	*56.0*	*1,422*
Performance			**WPV20H-SL**		**WPV25H-SL**		**WPV30H-SL**		**WPF20HR-SL**		**WPF25HR-SL**		**WPF30HR-SL**		**WPP16-SL**		**WPP20-SL**		**WPV20-SL**	
Travel Speed, loaded/unloaded	mph	*km/h*	5.5/7.4	*9/12*	4.9/5.5	*8/9*	*3.7/4.3*	*6/7*	*5.5/7.4*	*9/12*	*4.9/5.5*	*8/9*	*3.7/4.3*	*6/7*	*3.5/3.7*	*5.7/6.0*	*3.1/3.7*	*5/6*	*4.3/4.9*	*7/8*
Lift Speed, loaded/unloaded	fpm	*m/s*	9.8/11.8	*0.05/0.06*	5.9/9.4	*0.03/0.048*	*5.9/8.2*	*0.03/0.042*	*9.8/11.8*	*0.05/0.06*	*5.9/9.4*	*0.03/0.04*	*5.9/8.2*	*0.03/0.04*	*4.9/6.8*	*0.02/0.03*	*4.9/6.5*	*0.02/0.03*	*9.8/11.8*	*0.05/0.06*
Lowering Speed, loaded/unloaded	fpm	*m/s*	7.8/3.9	*0.04/0.02*	7.8/3.9	*0.04/0.02*	*7.8/3.9*	*0.04/0.02*	*7.8/3.9*	*0.04/0.02*	*7.8/3.9*	*0.04/0.02*	*7.8/3.9*	*0.04/0.02*	*5.9/5.9*	*0.03/0.03*	*7.8/5.9*	*0.04/0.03*	*19.6/15.7*	*0.10/0.08*
Max Gradeability, loaded/unloaded	%		8/15		6/15		*6/15*		*8/15*		*6/15*		*6/15*		*8/15*		*8/15*		*8/15*	
Service Brake			Electromagnetic		Electromagnetic		Electromagnetic		Electromagnetic		Electromagnetic		Electromagnetic		Electromagnetic		Electromagnetic		Regenerative	
Weight			**WPV20H-SL**		**WPV25H-SL**		**WPV30H-SL**		**WPF20HR-SL**		**WPF25HR-SL**		**WPF30HR-SL**		**WPP16-SL**		**WPP20-SL**		**WPV20-SL**	
Service Weight	lb	*kg*	1,609.4	*730*	1,609.4	*730*	*1,609.4*	*730*	*1,829.8*	*830*	*1,829.8*	*830*	*1,829.8*	*830*	*787.0*	*357*	*906.1*	*411*	*1,113.3*	*505*
Axle loading - loaded, front/rear	lb	*kg*	2,061/3,957	*935/1,795*	2,391/4,728	*1,085/2,145*	*2,723/5,500*	*1,235/2,495*	*2,292/3,946*	*1,040/1,790*	*2,623/4,717*	*1,190/2,140*	*2,954/5,489*	*1,340/2,490*	*2,184/2,129*	*991/966*	*1,485/2,727*	*674/1,237*	*1,532/3,990*	*695/1,810*
Axle loading - unloaded, front/rear	lb	*kg*	1,289/319	*585/145*	1,289/319	*585/145*	*1,289/319*	*585/145*	*1,521/308*	*690/140*	*1,521/308*	*690/140*	*1,521/308*	*690/140*	*650/136*	*295/62*	*734/169*	*333/77*	*848/264*	*385/120*
Chassis			**WPV20H-SL**		**WPV25H-SL**		**WPV30H-SL**		**WPF20HR-SL**		**WPF25HR-SL**		**WPF30HR-SL**		**WPP16-SL**		**WPP20-SL**		**WPV20-SL**	
Tires			Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)	
Tire Size Front	in	*mm*	9.8x3.15	250x80	9.8x3.15	250x80	9.8x3.15	250x80	9.8x3.15	250x80	9.8x3.15	250x80	9.8x3.15	250x80	9x2.7	230x70	9x2.7	230x70	9x2.7	230x70
Tire Size Rear	in	*mm*	3.2x2.7	82x70	3.2x2.7	82x70	3.2x2.7	82x70	3.2x2.7	82x70	3.2x2.7	82x70	3.2x2.7	82x70	3.3x3.3 / 3.2x4.3	84x84 / 82x110	3.3x3.3 / 3.2x4.3	84x84 / 82x110	3.2x3.2	82x82
Additional Wheels	in	*mm*	4.8x2.3	*124x60*	4.8x2.3	*124x60*	*4.8x2.3*	*124x60*	*4.8x2.3*	*124x60*	*4.8x2.3*	*124x60*	*4.8x2.3*	*124x60*	*3.9x1.5*	*100x40*	*3.9x1.5*	*100x40*	*3.9x1.5*	*100x40*
Wheels, number front / rear (x = driven wheels)			1x+2/4		1x+2/4		*1x+2/4*		*1x+2/4*		*1x+2/4*		*1x+2/4*		*1x+2/4*		*1x+2/4*		*1x2/2 or 4*	
Tread Front	in	*mm*	21.4	*544*	21.4	*544*	*21.4*	*544*	*21.4*	*544*	*21.4*	*544*	*21.4*	*544*	*20.1*	*510*	*20.1*	*510*	*20.5*	*520*
Tread Rear	in	*mm*	19.9	*505*	19.9	*505*	*19.9*	*505*	*19.9*	*505*	*19.9*	*505*	*19.9*	*505*	*14.4/20.1*	*367/512*	*14.4/20.1*	*367/512*	*14.2*	*360*
Motors			**WPV20H-SL**		**WPV25H-SL**		**WPV30H-SL**		**WPF20HR-SL**		**WPF25HR-SL**		**WPF30HR-SL**		**WPP16-SL**		**WPP20-SL**		**WPV20-SL**	
Drive Motor Rating	hp	*kW*	3.4	2.5	3.4	2.5	3.4	2.5	3.4	2.5	3.4	2.5	3.4	2.5	1.7	1.3	1.7	1.3	1.9	1.4
Lift Motor Rating	hp	*kW*	3.0	*2.2*	3.0	*2.2*	*3.0*	*2.2*	*3.0*	*2.2*	*3.0*	*2.2*	*3.0*	*2.2*	*1.1*	*0.8*	*1.1*	*0.8*	*3.0*	*2.2*
Battery acc. to DIN 43531 / 35 / 36 A, B, C, no			/		/		/		/				/		/					no
Battery voltage, nominal capacity K_5	V/Ah		24/150		24/150		*24/150*		*24/150*				*24/150*		*24/100*		*24/150*		*24/150*	
Battery Weight	lb	*kg*	165.3	75	165.3	75	165.3	75	165.3	75	165.3	75	165.3	75	65 +/- 0.5	29.5 +/- 0.5	125 +/- 5	57 +/- 5	176.4	80
Energy Consumption	kWh/h		0.65		0.65		*0.65*		*0.65*		*0.65*		*0.65*			*0.187*		*0.319*		*0.45*
Other			**WPV20H-SL**		**WPV25H-SL**		**WPV30H-SL**		**WPF20HR-SL**		**WPF25HR-SL**		**WPF30HR-SL**		**WPP16-SL**		**WPP20-SL**		**WPV20-SL**	
Type of drive control			AC		AC		AC		AC		AC		AC		AC		AC		AC	
Sound Level	dB(A)		*<70*		*<70*		*<70*		*<70*		*<70*		*<70*		<70		*<70*		*<70*	
Steering			N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		Power Steering	

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Logisnext Americas Inc. (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

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.

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UNICARRIERS® FORKLIFT

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