Logisnext
Forklifts



ESSENTIAL

3,500-6,600LB. CAPACITY
POWERED PALLET TRUCKS

Built To Keep Operations Moving

From busy distribution centers and warehouses to manufacturing facilities and retail stockrooms, our lithium-powered pallet trucks deliver dependable performance, exceptional efficiency, and reliable uptime.

Electric
POWER

One source. One complete solution.

3,500-6,600lb
CAPACITY

Providing full, custom solutions.

Up to 4.7 inches
LIFT HEIGHT

Largest national dealer coverage.

Light To Medium Duty
ENVIRONMENT

Driving down total cost of ownership.



Reliable Lithium-Powered Operation

Fast charging, consistent energy delivery, and maintenance-friendly design help increase productivity, reduce downtime, and support continuous operation.

Designed for Everyday Applications

Reinforced chassis construction and robust drive systems provide the durability and operational reliability required for demanding warehouse and distribution environments.





Maintenance-Friendly Design

- Strategically located service points simplify inspections and routine maintenance.
- Streamlined component layouts enable faster troubleshooting and repairs.
- Intelligent onboard diagnostics provide real-time system monitoring and fault detection.
- Reduced service time helps maximize equipment availability and productivity.

Comfort And Control

Conveniently positioned controls support efficient operation and operator comfort, while advanced electronic controls deliver responsive performance, smooth acceleration, and excellent maneuverability.

Versatile Configuration Options

Available in walkie, fold-down platform, and fixed enclosed rider configurations, the lineup provides the versatility to meet a wide range of material handling demands while helping reduce operating costs and enhance productivity.

Built for Everyday Productivity.

Reliable Lithium Power
Advanced lithium technology delivers consistent power, rapid charging capability, and maintenance-friendly operation. The result is greater equipment availability, improved productivity, and less time spent managing batteries

Efficient Load Movement
Built for longer travel distances, platform equipped trucks help reduce operator fatigue while enabling faster load transport and improved operational efficiency.

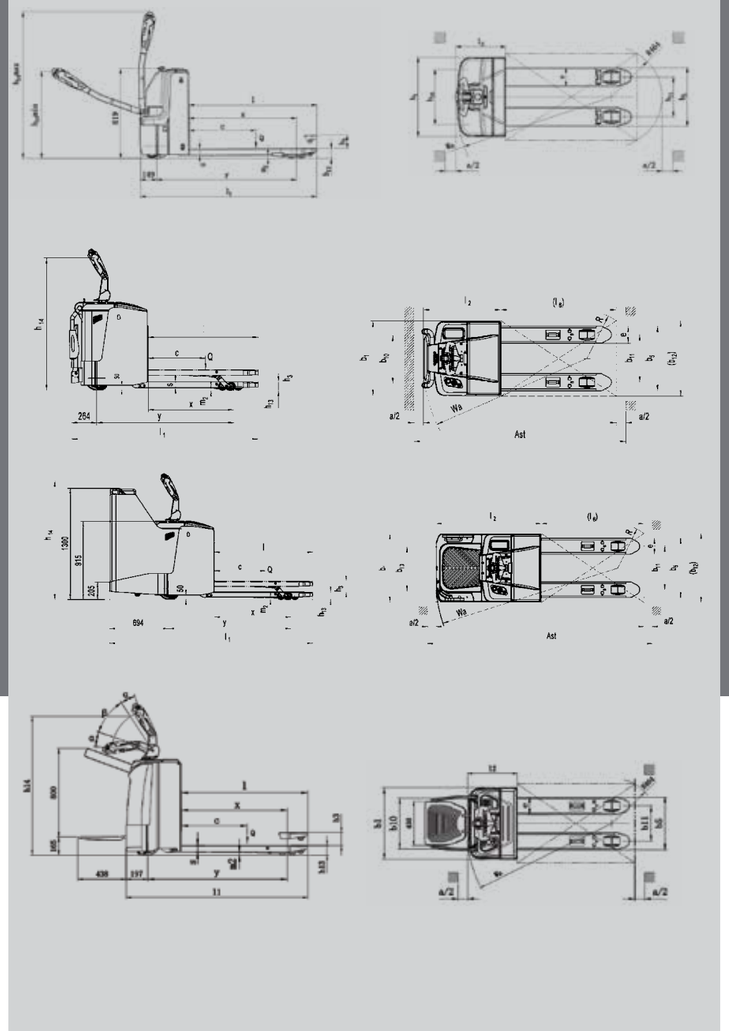




Responsive Steering and Maneuverability
Available electric power steering delivers effortless handling and reduced operator fatigue, making long-distance transport more comfortable and productive. A compact truck design supports agile maneuvering in tight spaces, while automatic speed reduction in turns provides excellent control and promotes smooth, confident operation.

Smooth Handling, Enhanced Stability
- Extended tiller designs, available on select configurations, provide precise maneuverability and responsive handling for greater operator confidence.
- Adjustable pull-rod lift systems on select models help improve load stability and provides excellent control during pallet handling.
- Automatic corner speed reduction increases stability by smoothly reducing travel speed when navigating turns.

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.

Powered Pallet Trucks

ESSENTIAL

Characteristics			PBV20H-ESL		PBV25H-ESL		PBV30H-ESL		PBF20HR-ESL		PBF25HR-ESL		PBF30HR-ESL		PBP16-ESL		PBP20-ESL		PBV20-ESL	
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	*2500*	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			**PBV20H-ESL**		**PBV25H-ESL**		**PBV30H-ESL**		**PBF20HR-ESL**		**PBF25HR-ESL**		**PBF30HR-ESL**		**PBP16-ESL**		**PBP20-ESL**		**PBV20-ESL**	
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			**PBV20H-ESL**		**PBV25H-ESL**		**PBV30H-ESL**		**PBF20HR-ESL**		**PBF25HR-ESL**		**PBF30HR-ESL**		**PBP16-ESL**		**PBP20-ESL**		**PBV20-ESL**	
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			**PBV20H-ESL**		**PBV25H-ESL**		**PBV30H-ESL**		**PBF20HR-ESL**		**PBF25HR-ESL**		**PBF30HR-ESL**		**PBP16-ESL**		**PBP20-ESL**		**PBV20-ESL**	
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*	1521/308	*690/140*	1,521/308	*690/140*	650/136	*295/62*	734/169	*333/77*	848/264	*385/120*

Chassis			PBV20H-ESL		PBV25H-ESL		PBV30H-ESL		PBF20HR-ESL		PBF25HR-ESL		PBF30HR-ESL		PBP16-ESL		PBP20-ESL		PBV20-ESL	
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			**PBV20H-ESL**		**PBV25H-ESL**		**PBV30H-ESL**		**PBF20HR-ESL**		**PBF25HR-ESL**		**PBF30HR-ESL**		**PBP16-ESL**		**PBP20-ESL**		**PBV20-ESL**	
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 voltage, nominal capacity K_5	V/Ah		24/150		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			**PBV20H-ESL**		**PBV25H-ESL**		**PBV30H-ESL**		**PBF20HR-ESL**		**PBF25HR-ESL**		**PBF30HR-ESL**		**PBP16-ESL**		**PBP20-ESL**		**PBV20-ESL**	
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	

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.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your truck.

Logisnext Forklifts

Full-Service Material Handling Solutions

- More than 100 years of collective experience
- Supported by more than 700 experienced dealer locations across North, Central, and South America
- Complete fleet management, digital solutions, financing and comprehensive product support



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24/7 Online Parts Access

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