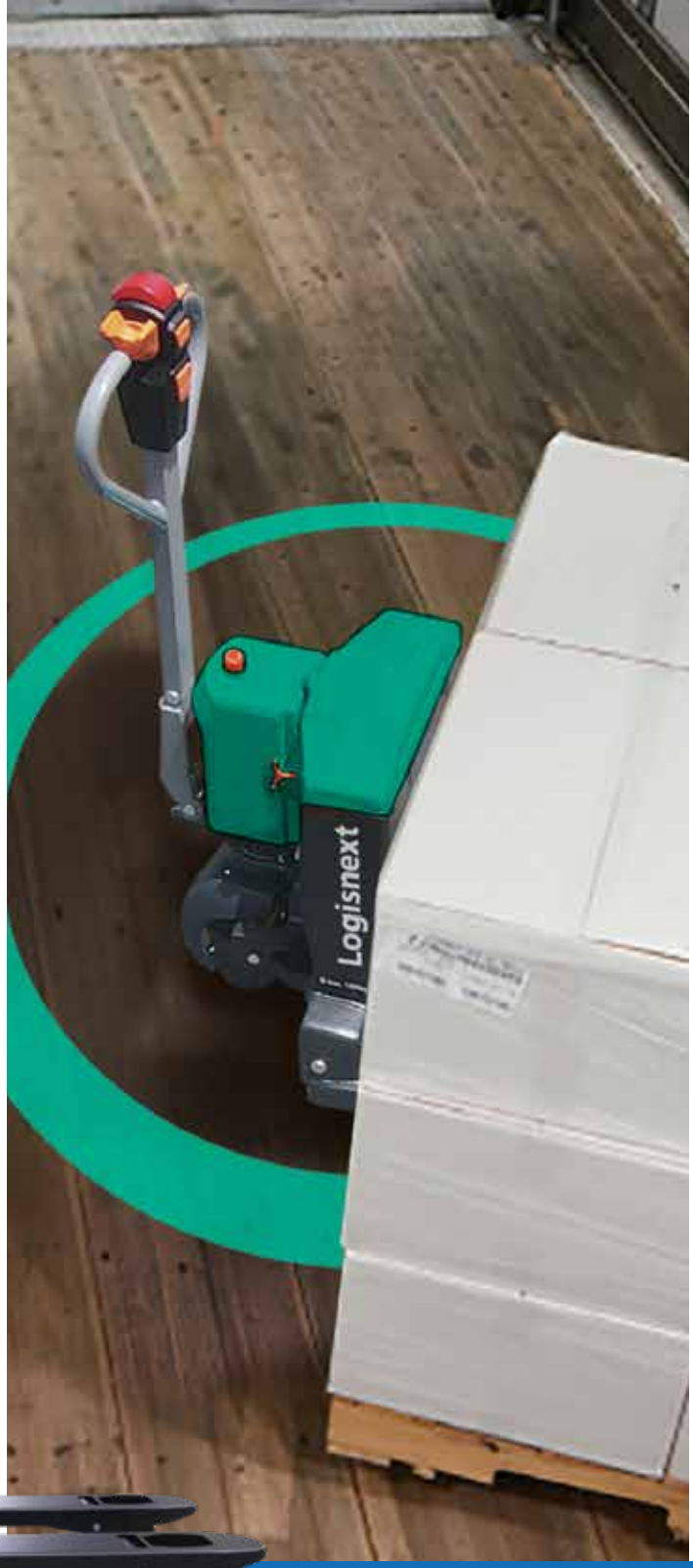
Logisnext
Forklifts





ESSENTIAL

3,300-4,400LB. CAPACITY
POWERED PALLET TRUCKS

Performance You Can Count On.

Built to support productive, everyday workflows, these powered pallet jacks are well-suited for light-duty applications. Whether in warehouses, retail locations, or other space-limited environments, they deliver reliable performance, easy handling, and smooth, confident maneuverability.

Electric	3,300-4,400lb	Up to 4.5 inches	Light-duty operations
POWER	CAPACITY	LIFT HEIGHT	ENVIRONMENT
Optimal battery efficiency.	Dependable operation.	Efficient lifting.	Smooth handling.

Key Advantages

The PB series delivers robust protection with its enclosed design and one-piece steel battery cover to help keep critical components protected from dust and moisture. A stamped steel drive wheel cover protects both key components and the operator. Supported by a compact, high-strength frame, the truck provides reliable performance and long service life in demanding material handling operations.



Smarter Control Through Can-Bus Technology

CAN-bus technology simplifies troubleshooting and system optimization, helping minimize service time and maximize productivity.

Engineered for Lasting Performance

The combination of a powerful 24V DC motor and a durable polyurethane traction wheel with built-in shock absorption ensures dependable performance and smooth handling. Thoughtfully integrated hydraulic and electrical systems make servicing easy and efficient.



Protection And Reliability

The PB series delivers robust protection with its enclosed design and one-piece steel battery cover to help keep critical components safe from dust and moisture. A stamped steel drive wheel cover protects both key components and the operator. Supported by a compact, high-strength frame, the truck provides reliable performance and long service life in demanding material handling operations.

Simplified Serviceability

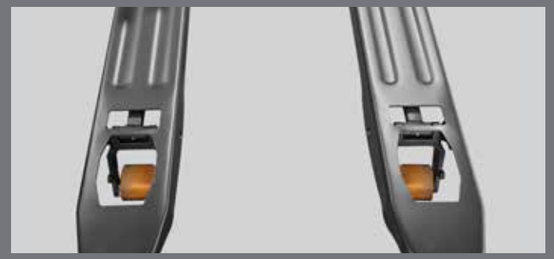
- The external programming port provides easy access for diagnostics, parameter updates, and routine maintenance, helping reduce service time.
- No special tools required for routine service

Designed To Deliver.

Lithium Power
- Our Battery Management System (BMS) manages charge and discharge operations to ensure reliability across the full lifecycle.
- Low-maintenance lithium batteries allow opportunity charging throughout the shift.
- The low-maintenance lithium battery reaches a full charge in as little as 2 to 4 hours.

Rugged Fork Design
- The forks provide efficient handling while the robust stamped frame delivers enhanced durability for pallet entry and exit.
- Ability to overcome ramps up to 7% loaded and 20% unloaded.

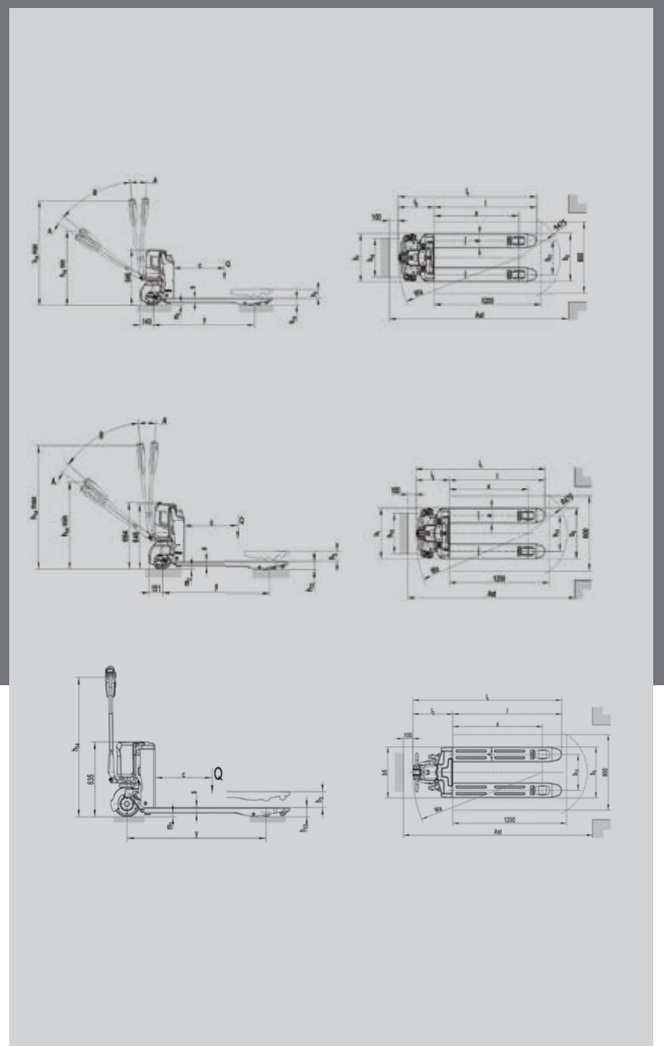




Battery efficiency
- Integrated battery heating, available on select configurations, helps maintain performance in cold environments.
- Standard models utilize a 24V/20Ah battery system, whereas higher-capacity models are configured with a 48V/20Ah battery system.
- Easy-access battery cover for quick and convenient battery replacement.

Simplified controls
- 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.
- Smart PIN code entry for select models.

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

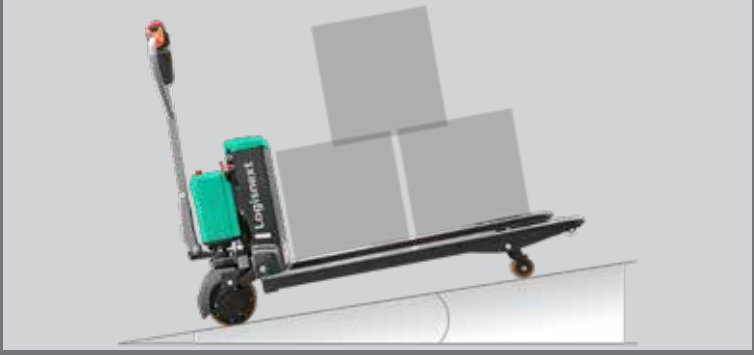
Characteristics			PB15B-ESL		PB20B-ESL		PB15P-ESL		PB20P-ESL	
Drive (electric – battery or mains, diesel, petrol, fuel gas, manual)			Lithium		Lithium		Lithium		Lithium	
Type of operation (hand, pedestrian, standing, seated, order picker)			Pedestrian		Pedestrian		Pedestrian		Pedestrian	
Load capacity at rated load center	lb	*kg*	3,300	*1,500*	4,400	*2,000*	3,300	*1,500*	4,400	*2,000*
Rated load center	in	*mm*	24	*600*	24	*600*	24	*600*	24	*600*
Load distance, center of drive axle to fork face	in	*mm*	37.3	*947*	37.3	*947*	37.3	*947*	37.4	*951*
Wheel base	in	*mm*	46.8	*1,189*	46.8	*1,189*	46.7	*1187*	46.8	*1,189*
Weights			**PB15B-ESL**		**PB20B-ESL**		**PB15P-ESL**		**PB20P-ESL**	
Service weight	lb	*kg*	287	*130*	293	*133*	279.9	*127*	315.2	*143*
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*
Axle loading - unloaded, front / rear	lb	*kg*	238 / 70	*108/32*	251/75	*114/34*	216/63	*98/29*	238/77	*108/35*
Chassis			**PB15B-ESL**		**PB20B-ESL**		**PB15P-ESL**		**PB20P-ESL**	
Tires			Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)	
Tire size, drive	in	*mm*	∅ 8.27 x 2.95	*∅ 210 x 75*	∅ 8.27 x 2.95	*∅ 210 x 75*	∅ 8.27 x 2.76	*∅ 210 x 70*	∅ 8.27 x 2.76	*∅ 210 x 70*
Tire size, load	in	*mm*	∅ 2.91 x 3.27	*∅ 74 x 83*	∅ 2.91 x 3.27	*∅ 74 x 83*	∅74x93/80x70 (80x93)		∅74x93/80x70 (80x93)	
Additional wheels (dimensions)	in	*mm*	N/A		N/A		- / ∅3.1x1.1	*- / ∅80x30*	- / ∅3.1x1.1	*- / ∅80x30*
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	in	*mm*	N/A		N/A		-/16.9	*-/430*	-/16.9	*-/430*
Tread, rear	in	*mm*	20.67	*525*	20.67	*525*	20.67	*525*	20.67	*525*
Dimensions			**PB15B-ESL**		**PB20B-ESL**		**PB15P-ESL**		**PB20P-ESL**	
Lift	in	*mm*	4.53	*115*	4.53	*115*	4.53	*115*	4.53	*115*
Height of tiller min./max.	in	*mm*	24.8 / 48.43	*630 / 1,230*	24.8 / 48.43	*630 / 1,230*	27.5/45.6	*700/1160*	27.5/45.6	*700/1160*
Height, lowered	in	*mm*	3.15/2.95	*80/75*	3.15/2.95	*80/75*	3.15/2.95	*80/75*	3.15/2.95	*80/75*
Overall length	in	*mm*	60.24	*1530*	60.24	*1530*	60.5	*1537*	60.7	*1543*
Length to face of forks	in	*mm*	14.96	*380*	14.96	*380*	15.2	*388*	15.5	*394*
Overall width	in	*mm*	26.97	*685*	26.97	*685*	26.97	*685*	26.97	*685*
Fork dimensions - thickness / width / length	in	*mm*	1.97 / 6.30 / 45.28	*51 / 160 / 1,150*	1.97 / 6.30 / 45.28	*51 / 160 / 1,150*	1.9 / 6.3 / 45.2	*51 / 160 / 1,150*	1.9/ 6.3 / 45.2	*51 / 160 / 1,150*
Width across forks	in	*mm*	26.97	*685*	26.97	*685*	26.97	*685*	26.97	*685*
Ground clearance, center of wheelbase	in	*mm*	1.18/0.98	*30/25*	1.18/0.98	*30/25*	1.18/0.98	*30/25*	1.18/0.98	*30/25*
Right Angle Stack with 40x48 pallet	in	*mm*	78.90	*2004*	78.90	*2004*	83.3	*2115*	83.5	*2121*
Turning radius	in	*mm*	52.45	*1332*	52.45	*1332*	52.5	*1336*	52.8	*1342*
Performance			**PB15B-ESL**		**PB20B-ESL**		**PB15P-ESL**		**PB20P-ESL**	
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*
Lift speed, loaded/unloaded	fpm	*m/s*	3.15 / 4.13	*0.016/ 0.021*	2.95 / 3.94	*0.015 / 0.020*	3.9/4.9	*0.020/0.025*	3.3/4.3	*0.017/0.022*
Lowering speed, loaded/unloaded	fpm	*m/s*	9.84 / 5.12	*0.05 / 0.026*	9.84/ 4.72	*0.05 / 0.024*	9.8/7.8	*0.05/0.04*	9.8/5.9	*0.05/0.03*
Max. gradeability, loaded/unloaded	%		6 / 20		7 / 20		6 / 16		8 / 16	
Service brake	type		Electromagnetic				Electromagnetic			
Motors			**PB15B-ESL**		**PB20B-ESL**		**PB15P-ESL**		**PB20P-ESL**	
Drive motor rating S2 60 min	HP	*kW*	1.01	*0.75*	1.34	*1.0*	0.8	*0.6*	1.3	*1.0*
Lift motor rating at S3 10%	HP	*kW*	0.67	*0.50*	1.07	*0.8*	0.6	*0.5*	1.0	*0.8*
Battery acc. to DIN 43531 / 35 / 36 A, B, C, no			/		/		/		/	
Battery voltage, nominal capacity K_5	V/Ah		24/20		48/20		24/40		48/20	
Battery weight	lb	*kg*	13.01	*5.9*	13.23	*6.0*	18.7	*8.5*	18.7	*8.5*
Energy consumption acc. to VDI cycle	kWh/h		0.19		0.26		0.18		0.25	
Other			**PB15B-ESL**		**PB20B-ESL**		**PB15P-ESL**		**PB20P-ESL**	
Type of drive control			DC		DC		DC		DC	
Sound level at driver's ear	dB(A)		<70		<70		≤66		≤66	

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



Powered Pallet Trucks

3,300 – 4,400 LB. CAPACITY

ESSENTIAL

An Aftermarket Partnership

24/7 Online Parts Access

Extensive Parts Availability

Expert Dealer Service & Support

Dependable Warranty Coverage

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