

DESIGNED FOR PRODUCTIVITY

3,300 - 4,400 LB. CAPACITY (1,500 / 2,000 KG)

POWERED PALLET JACKS

CAT®

SUPERIOR PERFORMANCE

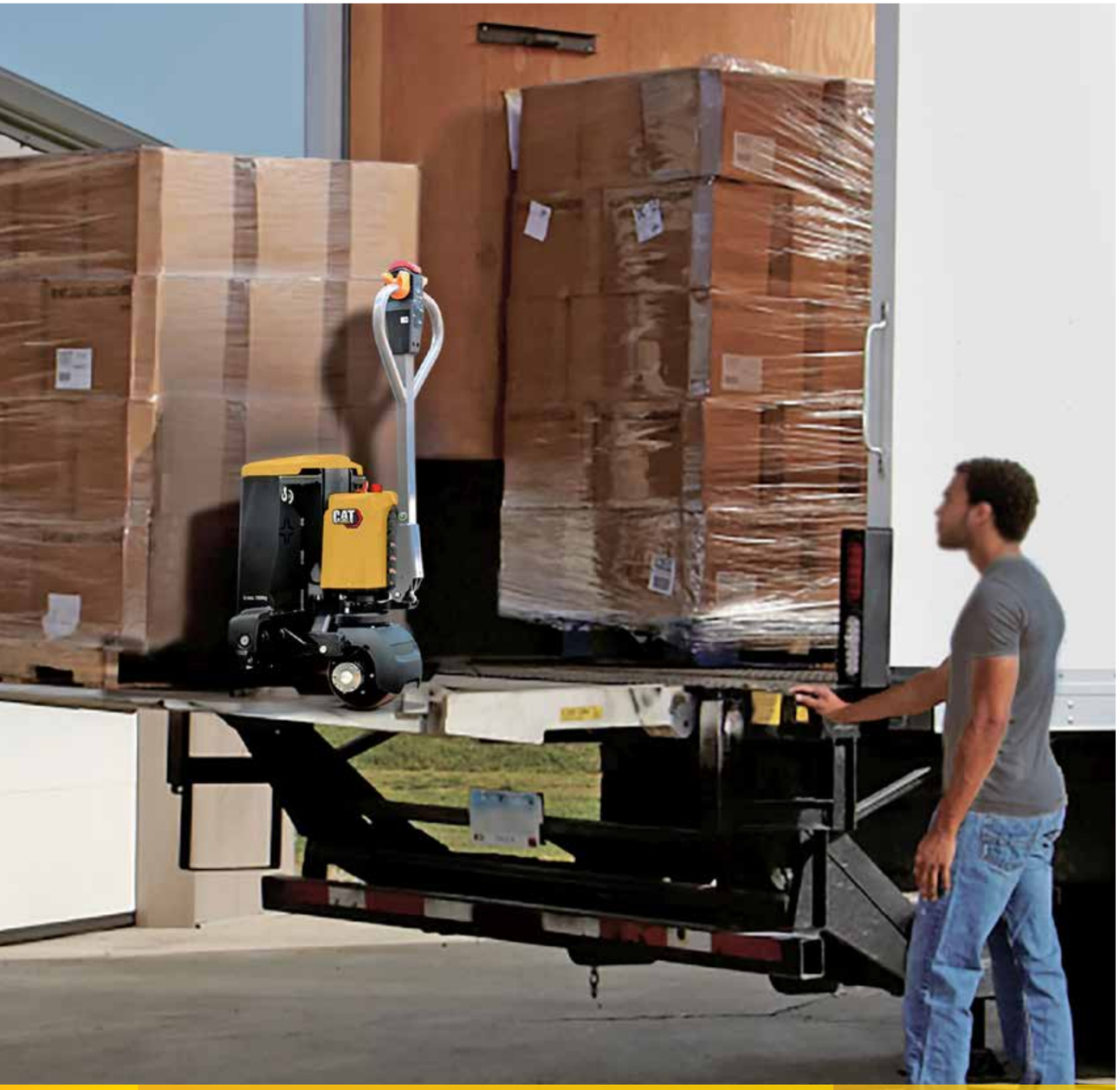
Maximize Your Business

The Cat® NP Series powered pallet jacks are designed to provide your business with maximum performance and efficiency. These pallet jacks are well-suited for light-duty operations in warehouses, retail locations, and other confined working environments.

ADVANTAGES TO YOU:

- **Robust Design –** A compact short-body design combined with an ergonomic control handle enables smooth, efficient pallet entry and exit.
- **Increased Performance –** Reliable performance is achieved through a large-diameter, wear-resistant polyurethane traction wheel with shock absorption, paired with a powerful 24V DC permanent-magnet motor.
- **Optimal Battery Efficiency –** Low-maintenance lithium batteries allow opportunity charging throughout the shift, ensuring peak efficiency and maximum truck availability.
- **Resilient Components –** These trucks are engineered to tackle ramps with ease, supporting inclines up to 7% loaded and 20% unloaded.

MAXIMUM
PRODUCTIVITY



Reliable Lithium Power

Sealed components provide lower maintenance costs, increased durability and higher profits for your business.

PROTECTED COMPONENTS

Low-maintenance lithium battery fully charges in 2-4 hours. Select configurations offer standard onboard charger for flexibility across multiple work environments.

- Our lithium batteries integrate an intelligent Battery Management System (BMS), thermal management, and automotive-grade high-voltage DC control.
- The Battery Management System manages charge and discharge operations to ensure reliability across the full lifecycle.
- These trucks feature a 24V system with a 20Ah battery, while the higher capacity models offer a 48V system with a 20Ah battery configuration.
- An easily accessible battery cover allows for quick and convenient battery replacement.
- Integrated battery heating on applicable configurations helps maintain performance and supports operations in cold environments.



Simplified Maintenance

- Quick and convenient access to all key components
- No special tools required for routine service
- Integrated hydraulic and electrical systems designed for simplified maintenance
- Easy-access external programming port streamlines parameter adjustments and maintenance tasks

Operate With Ease And Comfort

MORE CONTROL

Holding the Turtle button allows the truck to operate with the handle in the upright position, providing controlled operation in tight or restricted areas.

COMFORTABLE OPERATION

An ergonomically designed tiller head ensures operator comfort, featuring extra-large buttons for easy use.

- Select models include a smart pin code for controlled access to equipment.





RELIABLE SOLUTIONS

Engineered for Comfort, Performance, and Durability

COMFORT AND CONTROL:

- **Ergonomic Operation –** Dual butterfly-style thumb controls provide smooth, effortless travel control.
- **Maneuverability –** Upright handle operation provides precise maneuverability in tight environments such as elevators, trailers, and containers.

OUTSTANDING PERFORMANCE:

- **Powerful Drive System –** Powered by a 24V DC permanent magnet motor and a large-diameter polyurethane traction wheel, the truck delivers strong, reliable performance.

EXCELLENT DURABILITY:

- **Reinforced Fork Construction –** A unique fork design ensures quick, effortless pallet entry and exit, with an integrated stamping process that maximizes frame strength and rigidity.
- **All-Around Protection –** The enclosed design and one-piece steel battery cover protect key components and improve water and dust resistance.





Local service and support



Genuine OEM parts



Custom financing packages



Factory warranty for added protection



Local Support You Can Count On

A Cat lift truck purchase connects you to a variety of material handling solutions, including world-class service and support from your local, trusted dealer. With trained service technicians, a diverse parts inventory and a broad selection of service options, your local dealer can help you lower costs, enhance productivity and more efficiently manage your business.

FINANCING MADE SIMPLE

Financing your next Cat lift truck is easy with our wide range of flexible leasing and purchasing options. Whether you want to finance or lease, your local Cat lift truck dealer can help customize a package for your business.

WHEN EVERY PART COUNTS

When buying from your local Cat lift truck dealer, you can rest assured that your genuine OEM parts are manufactured to meet original equipment criteria. Additionally, all Cat lift trucks OEM parts come with a six-month, unlimited-hours warranty.

STANDING BEHIND OUR PRODUCTS

We deliver peace of mind by helping your lift trucks stay on the job. Every new Cat lift truck is covered by a 1-year / 2,000-hours warranty that includes parts and labor, as well as components and systems. With our standard 2-year / 4,000-hours extended powertrain warranty, you'll have the confidence that only comes from owning a Cat lift truck.

*** At dealer's location.**
†Programs may be subject to change without notice and may vary by region. Please ask your local Cat lift truck dealer for complete terms and conditions.

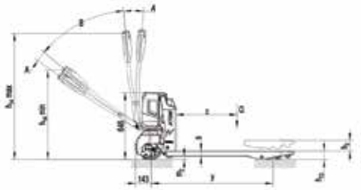
Specifications

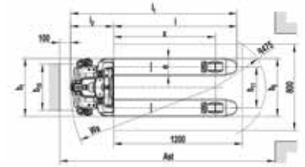
	Characteristics				NP15B-EQL		NP20B-EQL		NP15P-EQL		NP20P-EQL	
1.3	Drive (electric – battery or mains, diesel, petrol, fuel gas, manual)				Lithium		Lithium		Lithium		Lithium	
1.4	Type of operation (hand, pedestrian, standing, seated, order picker)				Pedestrian		Pedestrian		Pedestrian		Pedestrian	
1.5	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				**NP15B-EQL**		**NP20B-EQL**		**NP15P-EQL**		**NP20P-EQL**	
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				**NP15B-EQL**		**NP20B-EQL**		**NP15P-EQL**		**NP20P-EQL**	
3.1	Tires (solid rubber, superelastic, pneumatic, polyurethane)				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)	
					N/A		N/A		- / 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)	
					N/A		N/A		-/16.9	-/430	-/16.9	-/430
3.6	Tread, width, rear	*b11*	in	*mm*	20.6	*525*	20.6	*525*	*20.67*	*525*	*20.67*	*525*
	Dimensions				**NP15B-EQL**		**NP20B-EQL**		**NP15P-EQL**		**NP20P-EQL**	
4.4	Lift	h3	in	*mm*	4.5	*115*	4.5	*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*	26.9	*685*	26.9	*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				**NP15B-EQL**		**NP20B-EQL**		**NP15P-EQL**		**NP20P-EQL**	
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				**NP15B-EQL**		**NP20B-EQL**		**NP15P-EQL**		**NP20P-EQL**	
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	*0.8*	*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*	*24/40*		*48/20*	
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				**NP15B-EQL**		**NP20B-EQL**		**NP15P-EQL**		**NP20P-EQL**	
8.1	Type of drive control				DC		DC		DC		DC	
8.4	Sound level at driver's ear		dB(A)		<70		<70		≤66		≤66	

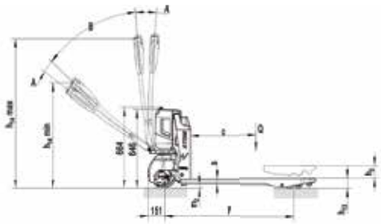
NOTE: Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Logisnext Americas Inc. (See ANSI/ITSDF B56.1.) Consult your dealer for further information.

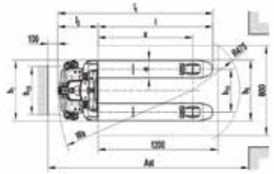
Call-out numbers shown in the diagram correspond to the first column of the specifications chart.

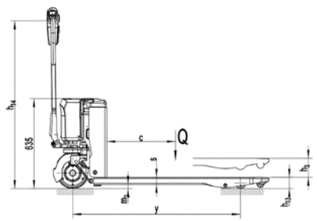
Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any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

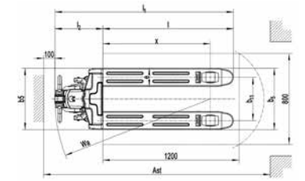












Safety Standards

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 Cat lift truck 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.



Your Cat lift truck dealer can provide additional options and features to specialize your lift truck for your unique application. Operator training and custom financing programs are also available to help find the right fit for your business.

Helping move businesses forward – that's how we're built.

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