



# DESIGNED FOR PRODUCTIVITY

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



# SUPERIOR PERFORMANCE



## Maximize Your Business

The Cat® NP15B/20B-EQL 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 (NP20B-EQL).

# 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. Battery can be opportunity charged during user breaks and during shift changes which allows the truck to run continuously through multi-shift operations.

- 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.
- The NP15B-EQL is a 24V system with a 20Ah battery configuration. The NP20B-EQL is a 48V system with a 20Ah battery configuration.
- An easily accessible battery cover allows for quick and convenient battery replacement.

## 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.





# 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

# MORE CONFIDENCE

## 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.

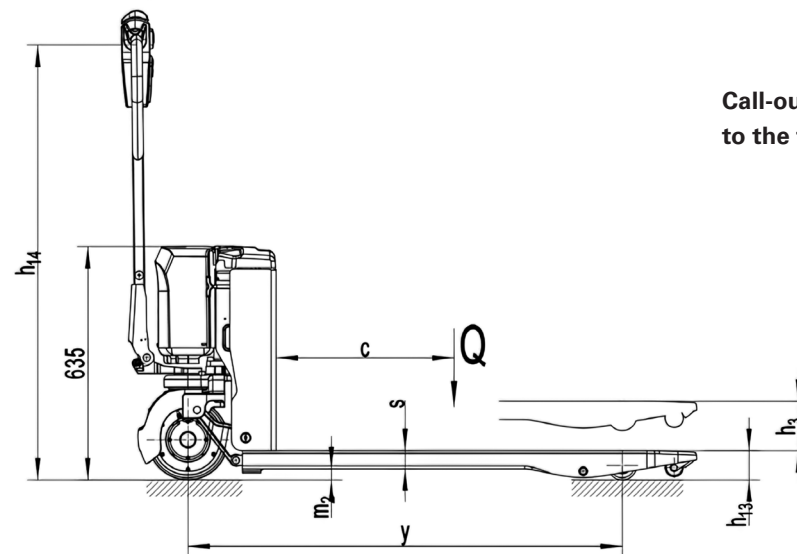
\* At dealer's location.

† 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.

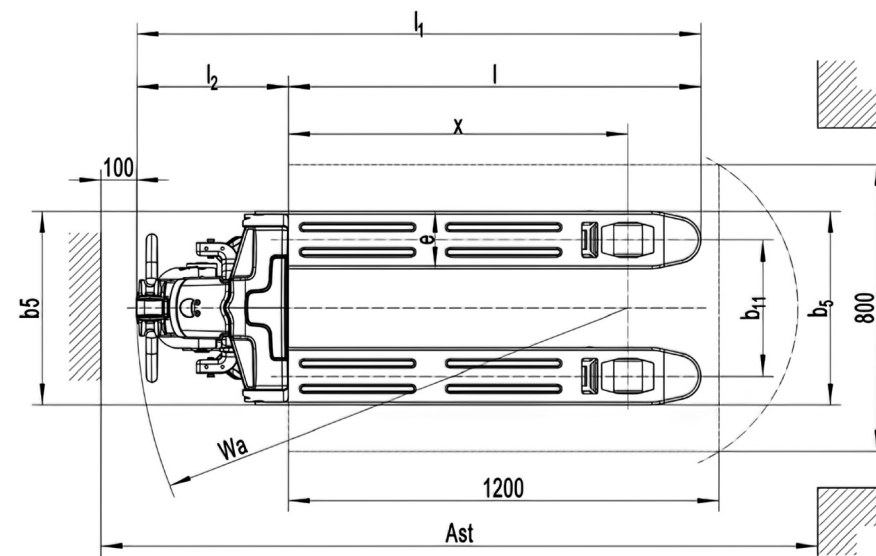
## Specifications

Characteristics				NP15B-EQL		NP20B-EQL	
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
1.6	Rated load center	c	in	mm	24	600	24
1.8	Load distance, center of drive axle to fork face	x	in	mm	37.3	947	37.3
1.9	Wheel base	y	in	mm	46.8	1,189	46.8
Weights				NP15B-EQL		NP20B-EQL	
2.1	Service weight		lb	kg	287	130	293
2.2	Axle loading - loaded, front / rear		lb	kg	1,157 / 2,458	525 / 1,115	1,164 / 2,469
2.3	Axle loading - unloaded, front / rear		lb	kg	238 / 70	108 / 32	251 / 75
Wheels, Chassis				NP15B-EQL		NP20B-EQL	
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
3.3	Tire size, load	Øxw	in	mm	Ø 2.9 x 3.2	Ø 74 x 83	Ø 2.9 x 3.2
3.4	Wheels, number front / rear (x = driven wheels)				1x / 2	1x / 2	1x / 2
3.6	Tread, width, rear	b11	in	mm	20.6	525	20.6
Dimensions				NP15B-EQL		NP20B-EQL	
4.4	Lift	h3	in	mm	4.5	115	4.5
4.9	Height of tiller min./max.	h14	in	mm	24.8 / 48.4	630 / 1,230	24.8 / 48.4
4.15	Height, lowered	h13	in	mm	3.1 / 2.9	80 / 75	3.1 / 2.9
4.19	Overall length	l1	in	mm	60.2	1,530	60.2
4.20	Length to face of forks	l2	in	mm	14.9	380	14.9
4.21	Overall width	b2	in	mm	26.9	685	26.9
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
4.25	Width across forks	b5	in	mm	26.9	685	26.9
4.32	Ground clearance, center of wheelbase	m2	in	mm	1.1 / 0.9	30 / 25	1.1 / 0.9
4.34	Right Angle Stack with 40x48 pallet lengthways	Ast	in	mm	78.9	2,004	78.9
4.35	Turning radius	Wa	in	mm	52.4	1,332	52.4
Performance				NP15B-EQL		NP20B-EQL	
5.1	Travel speed, loaded/unloaded		mph	km/h	2.5 / 2.7	4.0 / 4.4	2.5 / 2.7
5.2	Lift speed, loaded/unloaded		fpm	m/s	3.1 / 4.1	0.01 / 0.02	2.9 / 3.9
5.3	Lowering speed, loaded/unloaded		fpm	m/s	9.8 / 5.1	0.05 / 0.02	9.8 / 4.7
5.8	Max. gradeability, loaded/unloaded		%		6 / 20	7 / 20	
5.10	Service brake		type		Electromagnetic	Electromagnetic	
Motors				NP15B-EQL		NP20B-EQL	
6.1	Drive motor rating S2 60 min		HP	kW	1.0	0.7	1.3
6.2	Lift motor rating at S3 10%		HP	kW	0.6	0.5	1.0
6.3	Battery acc. to DIN 43531 / 35 / 36 A, B, C, no				/	/	
6.4	Battery voltage, nominal capacity K <sub>s</sub>		V	Ah	24V	20Ah	48V
6.5	Battery weight		lb	kg	13.0	5.9	13.2
6.6	Energy consumption acc. to VDI cycle		kWh/h		0.1	0.2	
Other Details				NP15B-EQL		NP20B-EQL	
8.1	Type of drive control				DC	DC	
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.



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.

**1-800-CAT-LIFT | [www.logisnextamericas.com/cat](http://www.logisnextamericas.com/cat)**

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