DESIGNED FOR EFFICIENCY

+

5,000 – 7,000 LB. CAPACITY ELECTRIC PNEUMATIC TIRE LIFT TRUCKS

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CAT



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BUILT FOR TH

Made For Your Business

The Cat[®] 3EPC5000-3EP7000 series of electric pneumatic tire lift trucks offers maximum performance for a wide range of applications.

Designed to thrive in tough environments, this series features all the benefits of an electric forklift combined with the strength and power you'd expect from internal combustion engines.

E LONG HAUL

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KEY ADVANTAGES:

- Lower cost of ownership On average, the overall life cycle operating costs for electric forklifts are one quarter of the cost of IC lift trucks*. What does this mean for your business? A greater cost savings over the long run without sacrificing power or performance.
- **Longer run times** Up to two shifts on one battery charge in most applications.
- Flexible use, indoors and out This series is designed for both indoor and outdoor use with the ability to lift up to 7,000 lbs.
 - * Based on a five-year life cycle.

- Low maintenance Sealed components provide added protection from dust, debris and moisture, resulting in a lift truck that's built to operate in even the most demanding applications.
- Zero fuel costs, zero emissions Electric lift trucks offer a cleaner working environment, and with no fuel costs, you'll see the savings add up - today and into the future.

THE ELECTRIC BENEFIT

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See how an electric lift truck can save you more over the long run: www.cat-lift.com

CONFORT, FROM THE FIRST HOUR TO THE LAST

Smooth Handling, Greater Control

Built to tackle demanding applications both indoors and out, the 2EPC5000-2EP7000 series is equipped to keep your operators comfortable and in control, shift after shift.

TOTAL CONTROL

Your operators will enjoy this lift truck's high degree of control and its quiet, comfortable ride.

- Fingertip hydraulic controls integrated directly into the armrest, these controls deliver low-effort handling and precise control. For added convenience, the travel direction switch and horn are incorporated into the armrest for one-touch access during operation.
- One-touch / tvvo-axis armrest allows upand-down and fore-and-aft adjustment plus the ability to adjust the surface angle to optimize comfort for operators and minimize fatigue.
- **Storage compartment** includes USB power port, useful for charging mobile devices, and is large enough to hold small tools, writing instruments, keys and other personal items.
- Advanced Curve Control technology automatically reduces travel speed when turning, providing added security for the operator and the load.
- **Operator presence detection system** automatically disengages the hydraulic controls and sets the parking brake when the operator is not in the proper operating position.



THREE TYPES OF PILOTS:

Depending on operator preference, each of these hydraulic controls is available to help maximize productivity.



Fingertip Control (Standard)



Joystick Control (Optional)



Mini-Lever Control (Optional)

2-way adjustable armrest A one-touch adjustment puts control at your fingertips.

Fully-adjustable [©] steering column For ample leg room.

ully-floating operator cabin

Offers four suspension points to increase comfort and reduce fatigue

Three-way adjustable full-suspension seat

Comfort and a smooth ride.

Operator Presence Detection System Disengages the hydraulic controls and applies the parking brake when the operator is not properly seated

> Anti-cinch seat belt Effortless reverse travel.

What Makes A Comfortable Ride

Operators can work long shifts comfortably in a wide range of applications due to the lift truck's ergonomic design. Less fatigue means more productivity throughout the shift.

EXCEPTIONAL EFFICIENCY

To Get The Job Done

Cat lift trucks are designed to help you get the most out of your work day. From enhanced energy efficiency for greater uptime to premium performance levels, your operators will effectively move more per shift, every day.

SUPERIOR

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PERFORMANCE

Equipped with powerful 3-phase AC motors, the 3EPC5000-3EP7000 series boasts outstanding acceleration and impressive top speeds.

The truck's intelligent design and compact component layout also result in:

- Excellent performance on ramps and grades, providing a smooth transition from indoors to out
- Greater torque even at a lower speed, with no torque gaps and no speed loss
- Top travel speed over 10 mph can be adjusted to meet facility speed requirements

RELIABLE MOTORS

Closed electric motors allow these lift trucks to operate in environments that previously only IC trucks could handle.

- Fully-enclosed motor A motor with fewer parts means less maintenance needed. The motor's compact design and proximity to other components provides increased energy efficiency, helping you get more out of each shift.
- **Ingress protected** The truck's sealed systems provide better protection against dust, moisture and other debris to take on your toughest applications.
 - IP54-rated motors
 - IP56-rated connectors

POWER TO EXCEL -

IN ALL APPLICATIONS Featuring excellent performance levels, these lift trucks are built to excel in industries where IC lift trucks were once the only option.

- Optional enclosed cabin provides added durability and comfort when operating in wet, cold or extreme conditions
- Durable design and sealed components also provide added protection when working in severe temperatures or sensitive environments



OPTIONS TO INCREASE YOUR⁷ **PRODUCTIVITY**



Comfort (closed) cabin



Advanced ergo seat



15° swivel seat



Access authorization



Snap-Fit battery extraction



Light packages



Joystick unitized control



Mini-lever hydraulic control



Raised operator cab (for special applications)

Enhance Your Operation

Additional options are also available to further customize the lift truck for your business.

Comfort (closed) cabin

Helps protect operators from adverse weather conditions. This cabin has additional options to further boost productivity in even the harshest environments.

Access authorization

Allows operator access via keypad with assigned user codes.

Advanced ergo seat

This five-way adjustable seat can improve operator comfort when driving over long distances.

Dual solid pneumatic tires Better distributes floor loading weight on

unpaved surfaces when carrying a load.

Cold storage or Tropics modification

Equips the lift truck with special fluids and conditioning for optimal performance in cold or humid storage environments.

Travel speed reduction

Limits the top travel speed based on workplace preferences.



ADDED VIEW CAMERA SYSTEM

The Added View 360 Camera System and an Added View Reverse Travel

Camera – come equipped with a 7" touch screen assistance display. The benefits of these systems include but are not limited to:

- Cost savings by helping prevent damage of equipment and goods
- Easy to use for operators of all experience levels
- Operators have initial situational awareness of
- surroundings prior to travel.



Local service and support



Genuine OEM parts



Custom financing packages

NORE CONFIDENCE



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 worldclass service and support from your local, trusted dealer. With factory-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 truck OEM parts come with a six-month, unlimited-hours warranty.

When speed is critical, our Parts Fast Or Parts Free Guarantee* ensures next-business-day delivery of all Cat lift trucks parts, or they're free, including freight. If your part doesn't come in by the next business day, we pay for it.

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					3EPC	5000	3EP	5000	3EPC	6000
1		at rated load center			kg	4,928	2,500	4,928	2,500	5,917	3,000
2	Capacity	at load center distance			mm	24	500	24	500	24	500
3	Power	diesel, gasoline, LP gas,		in <i>mm</i> 24		ctric	electric		electric		
4	Tire type	cushion, solid pneumation				eumatic	solid pneumatic		solid pneumatic		
5	Wheels (x=driven)	number front / rear				2x/2		2x / 2		2x / 2	
0	Dimensions	Humber Henry real			3EPC5			3EP5000		3EPC6000	
11	Lift with standard	rd maximum fork height				122	3,100	122	3,100	122	3,100
12	two-stage mast	free fork height			mm mm	5.9	150	5.9	150	5.9	150
	Forks thickness x length x wid		th	in	mm	1.8x4.9x43.3	45x125x1,100	1.8x4.9x43.3	45x125x1,100	1.8x4.9x43.3	45x125x1,100
13	Fork spacing	out-to-out minimum / maximum			mm	13.25 / 40.25	335 / 1,022	13.25 / 40.25	335 / 1,022	13.75 / 40.5	349 / 1,028
14	Tilt	forward / backward			eg	6°	/ 8°	6° /	/ 8°	6°,	/ 8°
15		length to fork face		in <i>mm</i>		90.4 2,295		96.1 2,440		90.6	2,300
	overall	width	standard	in	mm	47.2	1,198	47.2	1,198	47.2	1,198
16			w/ wide stance drive wheels	in	mm	N	/A	N	/Α	51.2	1,300
17			with lowered mast	in	mm	88.2	2,240	88.2	2,240	88.2	2,240
18	dimensions		seat height to SIP	in	mm	46.9	1,190	46.9	1,190	46.9	1,190
19		height	to top of overhead guard	in	mm	88.2	2,240	88.2	2,240	88.2	2,240
20			with extended mast	in	mm	170	4,320	170	4,320	174	4,430
21	Minimum outside tu	urning radius		in	mm	78.7	2,000	84.7	2,150	78.7	2,000
22	Load moment const	tant		in	mm	16.7	425	16.7	425	16.9	430
23	Minimum aisle - 90°	sle - 90° stack – zero clearance without load			mm	95.5	2,425	101.4	2,575	95.7	2,430
	Performance					3EPC	C5000	3EP	5000	3EPC	6000
24		travel speed	loaded / empty	mph	km/h	10.0 / 10.6	16.0 / 17.0	10.0 / 10.6	16.0 / 17.0	10.0 / 10.6	16.0 / 17.0
25	Speeds	lift speed	loaded / empty	fpm	m/s	84.7 / 108.3	0.43 / 0.55	84.7 / 108.3	0.43 / 0.55	78.7 / 108.3	0.40 / 0.55
26		lowering speed	loaded / empty	fpm	m/s	114.2 / 114.2	0.58/0.58	114.2 / 114.2	0.58 / 0.58	114.2 / 114.2	0.58 / 0.58
27	Drawbar pull	60 min. rating	loaded / empty	lb-f	N	809 / 899	3,600/4,000	787 / 877	3,500 / 3,900	1,012 / 1,124	4,500 / 5,000
27	(max.)	5 min. rating	loaded / empty	lb-f	N	2,810 / 2,923	12,500 / 13,000	2,810 / 2,923	12,500 / 13,000	3,147 / 3,260	14,000 / 14,500
	Gradeability	maximum gradeability loaded / empty				17 / 25		17 / 25		15 / 23	
28	Gradeability	maximum gradeability	loaded / empty		%	17 .	/ 25	17 /	25	15,	/ 23
28	Weight	maximum gradeability	loaded / empty		%		/ 25 :5000	17 / 3EP			/ 23 :6000
28 29		with minimum weight b		lb	% kg						
	Weight	with minimum weight b				3EPC	5000	3EP	5000	3EPC	6000
29	Weight Empty		attery	lb	kg	3EPC 10,472	4 ,750	3EP 10,311	5000 4,677	3EPC 11,530	5,230
	Weight	with minimum weight b with rated load	attery front	lb lb lb lb	kg kg	3EPC 10,472 14,191	25000 4,750 6,437 813 2,469	3EP: 10,311 14,321 1,502 5,858	5000 4,677 6,496 681 2,657	3EPC 11,530 16,152	5,230 7,327 903 2,521
29	Weight Empty	with minimum weight b	attery front rear	lb lb lb	kg kg kg	3EPC 10,472 14,191 1,793 5,443 5,029	4,750 6,437 813 2,469 2,281	3EP5 10,311 14,321 1,502 5,858 4,453	5000 4,677 6,496 681 2,657 2,020	3EPC 11,530 16,152 1,992	5,230 7,327 903
29	Weight Empty	with minimum weight b with rated load	front front front	lb lb lb lb	kg kg kg kg	3EPC 10,472 14,191 1,793 5,443 5,029	25000 4,750 6,437 813 2,469	3EP5 10,311 14,321 1,502 5,858 4,453 3EP5	5000 4,677 6,496 681 2,657 2,020 5000	3EPC 11,530 16,152 1,992 5,558 5,950	5,230 7,327 903 2,521
29	Weight Empty Axle load	with minimum weight b with rated load	attery front rear front rear	lb lb lb lb	kg kg kg kg	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC	4,750 6,437 813 2,469 2,281	3EP5 10,311 14,321 1,502 5,858 4,453	5000 4,677 6,496 681 2,657 2,020 5000	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC	5,230 7,327 903 2,521 2,699
29 30 31	Weight Empty Axle load Chassis Tire size	with minimum weight b with rated load without load	attery front rear front rear umatic tires	lb lb lb lb	kg kg kg kg	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180,	4,750 6,437 813 2,469 2,281 25000 75-10 70-8	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/c 200/c	5,230 7,327 903 2,521 2,699 6000 50-12 50-10
29 30 31 32	Weight Empty Axle load Chassis	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire	attery front rear front rear umatic tires s	lb lb lb lb	kg kg kg kg	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575	3EP9 10,311 14,321 1,502 5,858 4,453 3EP9 225 / 180/ 67.7	5000 4,677 6,496 681 2,657 2,020 5000 75-10 75-10 70-8 1,720	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/4 200/9 62.0	5,230 7,327 903 2,521 2,699 6000 50-12 50-10 1,575
29 30 31 32 33	Weight Empty Axle load Chassis Tire size	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne	attery front rear front rear umatic tires s umatic tires	lb lb lb lb lb	kg kg kg kg mm mm	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180/ 62.0 39.0	25000 4,750 6,437 813 2,469 2,281 25000 75-10 770-8 1,575 990	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0	4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/4 200/4 62.0 37.4	5,230 7,327 903 2,521 2,699 6000 50-12 50-10 1,575 950
29 30 31 32 33 34	Weight Empty Axle load Chassis Tire size Wheelbase	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire	attery front rear front rear umatic tires s umatic tires	lb lb lb lb lb lb	kg kg kg kg mm mm mm	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 370	25000 4,750 6,437 813 2,469 2,281 25000 75-10 770-8 1,575 990 940	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 37.0	4,677 6,496 681 2,657 2,020 5000 70-8 1,720 990 940	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/(200/(62.0 37.4 37.0	5,230 7,327 903 2,521 2,699 56000 30-12 50-10 1,575 950 940
29 30 31 32 33 34 35	Weight Empty Axle load Chassis Tire size Wheelbase	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast	attery front rear front rear umatic tires s umatic tires	lb lb lb lb lb in in in in	kg kg kg kg mm mm mm mm	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7	25000 4,750 6,437 813 2,469 2,281 25000 75-10 770-8 1,575 990 940 120	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 37.0 4.7	4,677 6,496 681 2,657 2,020 5000 70-8 1,720 990 940 120	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 200/ 62.0 37.4 37.0 4.7	5,230 7,327 903 2,521 2,699 56000 30-12 50-10 1,575 950 940 120
29 30 31 32 33 34 35 36	Weight Empty Axle load Chassis Tire size Wheelbase Tread width	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase	attery front rear front rear umatic tires s umatic tires	lb lb lb lb lb in in in in in	kg kg kg kg mm mm mm mm mm	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 37.0 4.7 5.3	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 200/ 62.0 37.4 37.0 4.7 5.3	5,230 7,327 903 2,521 2,699 5000 30-12 50-10 1,575 950 940 120 135
29 30 31 32 33 34 35 36 37	Weight Empty Axle load Chassis Tire size Wheelbase Tread width	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service	attery front rear front rear umatic tires s umatic tires	lb lb lb lb in in in in in ty	kg kg kg kg mm mm mm mm mm	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 tanical	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 anical	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 200/ 62.0 37.4 37.0 4.7 5.3 mech	5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical
29 30 31 32 33 34 35 36	Weight Empty Axle load Chassis Tire size Wheelbase Tread width Ground clearance Brakes	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase	attery front rear front rear umatic tires s umatic tires	lb lb lb lb in in in in in ty	kg kg kg kg mm mm mm mm mm	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech eler	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 annical ctric	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech elect	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 135 anical	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 200/ 62.0 37.4 37.0 4.7 5.3 mech elect	5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical
29 30 31 32 33 34 35 36 37 38	Weight Empty Axle load Chassis Tire size Wheelbase Tread width Ground clearance	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking	attery front rear front rear umatic tires s umatic tires s	lb lb lb lb lb lb lb in in in in in ty ty	kg kg kg kg kg kg mm mm mm mm mm mm pe	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech elec 3EPC	25000 4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 annical ctric 25000	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech elec 3EP	5000 4,677 6,496 681 2,657 2,020 5000 75-10 75-10 70-8 1,720 990 940 120 120 135 anical ctric 5000	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/4 200/4 62.0 37.4 37.0 4.7 5.3 mech elec 3EPC	5,230 5,230 7,327 903 2,521 2,699 6000 60-12 50-10 1,575 950 940 120 135 anical ctric
29 30 31 32 33 34 35 36 37 38 39	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi	attery front rear front rear umatic tires s umatic tires s dth x height)	lb lb lb lb lb lb lb lb lb lb lb lb lb l	kg kg kg kg kg kg kg mm mm mm mm mm mm pe pe	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180/ 62.0 39.0 37.0 4.7 5.3 mech elea 3EPC 27.99x40	25000 4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 nanical ctric 25000 .47x30.87	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech elec 3EP 33.66x40.	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 anical otric 5000 47×30.87	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/4 200/4 62.0 37.4 37.0 4.7 5.3 mech elea 3EPC 27.99x40.	5,230 7,327 903 2,521 2,699 6000 50-12 50-10 1,575 950 940 120 135 anical ctric 6000 47x30.87
29 30 31 32 33 34 35 36 37 38 39 40	Weight Empty Axle load Chassis Tire size Wheelbase Tread width Ground clearance Brakes	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6	attery front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate	lb lb lb lb lb lb lb lb lb lb lb lb lb l	kg kg kg kg kg kg kg mm mm mm mm mm mm mm kWh	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180/ 62.0 39.0 37.0 4.7 5.3 mech elex 3EPC 27.99x40 700	25000 4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 tanical ctric 25000 .47×30.87 54.4	3EP: 10,311 14,321 1,502 5,858 4,453 3EP: 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech elec 33.66x40. 700	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 anical tric 5000 47×30.87 54.4	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/4 200/4 62.0 37.4 37.0 4.7 5.3 mech elex 3EPC 27.99x40. 700	5,230 7,327 903 2,521 2,699 3000 30012 50010 1,575 950 940 120 135 anical ctric 5000 47x30.87 54.4
29 30 31 32 33 34 35 36 37 38 39 40 41	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / max	attery front rear front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate mum	lb lb lb lb lb lb lb lb lb lb lb lb lb l	kg kg kg kg kg kg kg mm mm mm mm mm mm mm kWh kg	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 Mech eler 3EPC 27.99x40 700 3,263 / 4,037	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 annical ctric 25000 47x30.87 54.4 1,480/1,831	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 37.0 4.7 5.3 Mech elec 32.66x40. 700 3,902 / 4,436	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 anical tric 5000 47x30.87 54.4 1,770/2,012	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/(200/(62.0 37.4 37.0 4.7 5.3 ***********************************	5,230 5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical tric 5000 47×30.87 54.4 1,480/1,831
29 30 31 32 33 34 35 36 37 38 39 40 41 42	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / max traction output (60 min.	attery front rear front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate mum	Ib Ib Ib Ib Ib Ib Ib Ib Ib In In In In In In In In In In In Ib HP	kg kg kg kg kg kg kg mm mm mm mm mm mm mm kw kw kw	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech eler 3EPC 27.99x40 700 3,263 / 4,037 16.1	4,750 4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 nanical ctric 5000 .47x30.87 54.4 1,480 / 1,831 12.0	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech elec 33.66x40. 700 3,902 / 4,436 16.1	5000 4,677 6,496 681 2,657 2,020 5000 70-8 1,720 990 940 120 135 anical ctric 5000 47x30.87 54.4 1,770 / 2,012 12.0	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 200/ 62.0 37.4 37.0 4.7 5.3 mech elec 327.99x40. 700 3,263 / 4,037 16.1	5,230 5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical 120 135 anical ctric 5600 47x30.87 54.4 1,480/1,831 12.0
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain Battery	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / maxi traction output (60 min. lift output (15% rating)	attery front rear front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate mum	Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib It It It Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib	kg kg kg kg kg kg kg mm mm mm mm mm mm mm kw kkg kW kg kW	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech elex 32799×40 700 3,263 / 4,037 16.1 24.8	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 ananical ctric 5000 .4,7x30.87 54.4 1,480 / 1,831 12.0 18.5	3EP 10,311 14,321 1,502 5,858 4,453 3EP 225 / 180/ 67.7 39.0 4.7 39.0 37.0 4.7 5.3 mech elec 33.66×40 700 3,902 / 4,436 16.1 24.8	5000 4,677 6,496 681 2,657 2,020 5000 70-8 1,720 990 940 120 135 anical 120 135 anical 47x30.87 54.4 1,770/2,012 12.0 18.5	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 2200/ 62.0 62.0 62.0 4.7 5.3 7.4 37.0 4.7 5.3 mech celea 320 27,99×40. 700 3,263 / 4,037 16.1 24.8	5,230 7,327 903 2,521 2,699 56000 30-12 50-10 1,575 950 940 120 135 anical ctric 56000 47x30.87 54.4 1,480 / 1,831 12.0 18.5
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain Battery	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / maxi traction output (60 min. lift output (15% rating) drive	attery front rear front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate mum	Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib In In In In In In In Ity Ity Ib HP HP	kg kg kg kg kg kg kg mm mm mm mm mm mm mm mm kw kw kg kW kg kW	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech elex 32799x40 700 3,263 / 4,037 16.1 24.8 impuls	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 annical ctric 25000 .47×30.87 54.4 1,480/1,831 12.0 18.5 Se / AC	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 37.0 4.7 5.3 mech elec 33.66x40. 700 3,902 / 4,436 16.1 24.8 impuls	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 anical 120 135 anical ctric 5000 47x30.87 54.4 1,770 / 2,012 12.0 18.5 se / AC	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 250/ 200/ 62.0 62.0 4.7 5.3 mech celea 374 370 4.7 5.3 mech 3263 / 4,037 16.1 24.8 impuls	5,230 5,230 7,327 903 2,521 2,699 5000 30-12 50-10 1,575 950 940 120 135 anical 120 135 anical ctric 5600 47x30.87 54.4 1,480/1,831 12.0 18.5 see / AC
29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain Battery Motors Controls	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / max traction output (60 min. lift output (15% rating) drive hydraulic	attery front rear front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate mum	Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib In In In In In In Ity ty Ity Ity	kg kg kg kg kg kg mm mm mm mm mm mk kWh kW kW kW pp	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 mech elea 3EPC 27.99x40 700 3,263 / 4,037 16.1 24.8 impuls	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 etric 25000 4,750 990 940 120 135 etric 25000 .47x30.87 54.4 1,480 / 1,831 12.0 18.5 se / AC	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 67.7 39.0 4.7 5.3 Mech elec 33.66x40. 700 3,902 / 4,436 16.1 24.8 impuls 64.7 16.1	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 antical 120 135 antical 47x30.87 54.4 1,770 / 2,012 12.0 18.5 se / AC C	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 2250/ 2200/ 62.0 37.4 37.0 4.7 5.3 Mech 62.0 27.99x40. 700 3,263 / 4,037 16.1 24.8 impuls 6.1	5,230 5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical 201 135 anical 201 135 anical 201 135 anical 201 135 anical 201 135 anical 201 201 135 anical 201 201 135 anical 201 201 201 201 201 201 201 201 201 201
29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain Battery Motors Controls Flow rate for attach	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / max traction output (60 min. lift output (15% rating) drive hydraulic ments	attery front rear front rear front rear umatic tires s umatic tires s dth x height) hr. discharge rate mum rating)	Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib It Y ty ty It Y U Ib HP HP ty ty gpm	kg kg kg kg kg kg mm mm mm mm mm kg kg kg kg kg kWh kg kW kW kW kg ign	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 Mech elea 3EPC 27.99x40 700 3,263 / 4,037 16.1 24.8 impuls 6.6	25000 4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 ctric 25000 .47×30.87 54.4 1,480 / 1,831 12.0 18.5 see / AC AC 25	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 37.0 4.7 5.3 Mech elec 32.66x40. 700 3,902 / 4,436 16.1 24.8 impuls A 6.6	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 anical 1,720 135 anical 1,720 135 5000 135 5000 135 5000 1,720 1,720 1,720 990 940 120 135 500 1,720 1,720 990 940 1,720 1,720 990 940 1,720 1,720 990 940 1,720 1,720 990 940 1,720 1,720 1,720 940 1,2	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 2250/(200/(62.0 37.4 37.0 4.7 5.3 Mech elec 3EPC 27.99x40. 700 3,263 / 4,037 16.1 24.8 impuls 6.6	5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical ctric 5000 47x30.87 54.4 1,480 / 1,831 12.0 18.5 se / AC C 25
29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45	Weight Empty Empty Axle load Chassis Chassis Tire size Wheelbase Tread width Ground clearance Brakes Powertrain Battery Motors Controls	with minimum weight b with rated load without load front, standard solid pne rear solid pneumatic tire front, standard solid pne rear solid pneumatic tire at lowest point at mast at center of wheelbase service parking dimensions (length x wi maximum capacity at 6 weight, minimum / max traction output (60 min. lift output (15% rating) drive hydraulic	attery front rear front rear front rear funatic tires s fromt fromt front fron	Ib Ib Ib Ib Ib Ib Ib Ib Ib Ib It Ib Ib Ib HP HP ty ty gpm psi	kg kg kg kg kg kg mm mm mm mm mm mk kWh kW kW kW pp	3EPC 10,472 14,191 1,793 5,443 5,029 3EPC 225 / 180, 62.0 39.0 37.0 4.7 5.3 Mech elex 3EPC 27.99x40 700 3,263 / 4,037 16.1 24.8 impuls 6.6 2,900	4,750 6,437 813 2,469 2,281 25000 75-10 70-8 1,575 990 940 120 135 etric 25000 4,750 990 940 120 135 etric 25000 .47x30.87 54.4 1,480 / 1,831 12.0 18.5 se / AC	3EPS 10,311 14,321 1,502 5,858 4,453 3EPS 225 / 180/ 67.7 39.0 37.0 4.7 5.3 4.7 5.3 0 4.7 5.3 1 6.6 2,900	5000 4,677 6,496 681 2,657 2,020 5000 75-10 70-8 1,720 990 940 120 135 antical 120 135 antical 47x30.87 54.4 1,770 / 2,012 12.0 18.5 se / AC C	3EPC 11,530 16,152 1,992 5,558 5,950 3EPC 2250/(200/(62.0 37.4 37.0 4.7 5.3 Mech elec 3EPC 27.99x40. 700 3,263 / 4,037 16.1 24.8 impuls 6.6 2,900	5,230 5,230 7,327 903 2,521 2,699 5000 50-12 50-10 1,575 950 940 120 135 anical 201 135 anical 201 135 anical 201 135 anical 201 135 anical 201 135 anical 201 201 135 anical 201 201 135 anical 201 201 201 201 201 201 201 201 201 201

NOTE: Dimensions represent maximum battery size, not compartment size. 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 forklift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

	3EP	6500	3EP:	7000				
1	5,917 3,000		6,608	3,000				
2	24 500		24 600					
3	elec	etric	electric					
4	solid pn	eumatic	solid pneumatic					
5	2x	/ 2	2x / 2					
	3EP	6500	3EP7000					
11	122	3,100	122	3,100				
12	5.9	150	5.9	150				
13	1.8x4.9x43.3	45x125x1,100	1.8x4.9x45.3	45x125x1,150				
_	13.75 / 40.5	349 / 1,028	13.75 / 40.5	349 / 1,028				
14	6° ,	/ 8°	6°,	/ 8°				
15	96.3	2,445	96.5	2,450				
16	47.2	1,198	51.2	1,300				
-	51.2	1,300	N,	/A				
17	88.2	2,240	88.2	2,240				
18	46.9	1,190	46.9	1,190				
19	88.2	2,240	88.2	2,240				
20	174	4,430	174	4,430				
21	84.7	2,150	84.7	2,150				
22	16.9	430	16.9	430				
23	101.6	2,580	101.6	2,580				
	3EP	6500	3EP:	7000				
24	10.0 / 10.6	16.0 / 17.0	10.0 / 10.6	16.0 / 17.0				
25	78.7 / 108.3	0.40 / 0.55	78.7 / 108.3	0.40/0.55				
26	114.2 / 114.2	0.58/0.58	114.2 / 114.2	0.58/0.58				
27	1,012 / 1,124	4,500 / 5,000	1,012 / 1,124	4,500 / 5,000				
21	3,147 / 3,260	14,000 / 14,500	3,147 / 3,260	14,000 / 14,500				
28	15 ,	/ 23	15 / 23					
	3EP(6500	3EP:	7000				
29	11,303	5,127	11,876	5,387				
	16,086	7,297	16,462	7,467				
30	1,831	830	2,005	910				
50	5,846	2,652	5,876	2,665				
	5,457	2,475	5,985	2,715				
	3EP(6500	3EP7000					
31	250/6	60-12	315/45-12					
31	180/	70-8	200/50-10					
32	67.7	1,720	67.7	1,720				
33	37.4	950	39.4	1,000				
34	37.0	940	37.0	940				
35	4.7	120	4.7	120				
36	5.3	135	5.3	135				
37	mech	anical	mechanical					
38	elec	etric	electric					
	3EP	6500	3EP7000					
39	33.66x40.47x30.87		33.66x40.47x30.87					
40	700	54.4	700	54.4				
41	3,902 / 4,436	1,770 / 2,012	3,902 / 4,436	1,770/2,012				
42	16.1	12.0	16.1	12.0				
43	24.8	18.5	24.8	18.5				
44	impuls	se / AC	impulse / AC					
45	A	C	AC					
10		6.6 25						
46	6.6	25	6.6	25				
46 47	6.6 2,900	25 200	6.6 2,900	25 200				

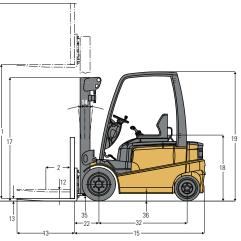
48

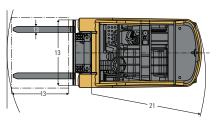
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Call-out numbers shown in diagram correspond to the first column of the specifications chart.

3EPC5000 - 3EP7000





D (3EPC5000	3EP5000	3EPC6000	3EP6000	3EP6500		
Performance				High Performance Configurations						
	travel speed	loaded	mph	11.8	11.8	11.8	11.8	11.8 <i>19.0</i>		
			km/h	19.0	19.0	19.0	19.0	11.0 19.0		
		empty	mph	12.4	12.4	12.4	12.4	12.4		
			km/h	20.0	20.0	20.0	20.0	20.0		
		loaded	fpm	94.5	94.5	84.7	84.7	84.7		
Speeds	lift		m/s	0.48	0.48	0.43	0.43	0.43		
Speeus	speed	empty	fpm	118.1	118.1	118.1	118.1	118.1		
			m/s	0.60	0.60	0.60	0.60	0.60		
		loaded	fpm	114.2	114.2	114.2	114.2	114.2		
	lowering		m/s	0.58	0.58	0.58	0.58	0.58		
	speed	empty	fpm	114.2	114.2	114.2	114.2	114.2		
			m/s	0.58	0.58	0.58	0.58	0.58		
	60 min. rating	loaded	lb-f	1,147	1,102	1,124	1,124	1,124		
			Ν	5,100	4,900	5,000	5,000	5,000		
		empty	lb-f	1,259	1,237	1,304	1,304	1,304		
Drawbar pull			Ν	5,600	5,500	5,800	5,800	5,800		
(maximum)	5 min. rating	loaded	lb-f	3,597	3,597	3,530	3,530	3,530		
			Ν	16,000	16,000	15,700	15,700	15,700		
		empty	lb-f	3,664	3,664	3,597	3,597	3,597		
			N	16,300	16,300	16,000	16,000	16,000		
0	maximum gradeability	loaded	%	19	19	17	18	17		
Gradeability		empty	%	27	27	25	26	25		
	traction output (60 min. rating)		HP	20.1	20.1	20.1	20.1	20.1		
N			kW	15.0	15.0	15.0	15.0	15.0		
Motors	lift output HP		HP	29.5	29.5	29.5	29.5	29.5		
	(15% rating) kl		kW	22.0	22.0	22.0	22.0	22.0		

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.

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.

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.



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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