BXCQ Series

UNICARRIERS 2 YEAR UNLIMITED HOURS STANDARD WARRANTY

Electric Counterbalance Cushion Tire Forklifts

36 & 48 Volt AC-Powered

4,000 - 8,000 lbs. Capacities

UNICARRIERS® FORKLIFT

NEVER QUIT.

YOUR JOB DOESN'T STOP, AND NEITHER SHOULD YOUR FORKLIFTS. THAT'S WHERE WE COME IN.

Your application isn't just picking product from aisles upon aisles. There's loading docks, freezers and ramps and moving that product where it needs to go all while operators are constantly getting on and off the trucks for all the daily tasks that keeps business moving.

Flexibility is the name of the game. And that's where the BXCQ excels.

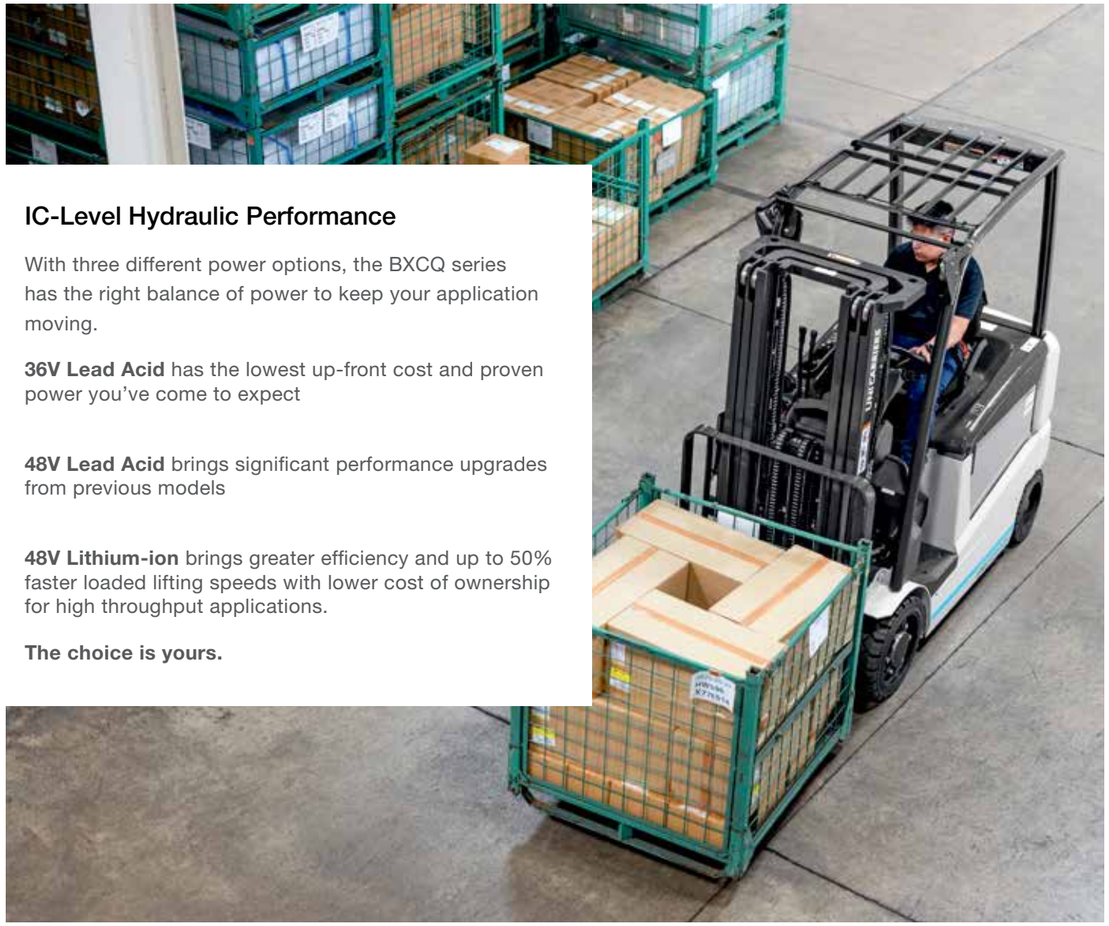
Power:	**36/48V AC Electric**
Maneuverability:	**Performance, efficiency and maneuverability to suit many applications**
Environment:	**Ideal for many demanding indoor applications**
Travel Distance:	**Short or long runs, with power and efficiency to operate with less charging time**
Lift:	**Max fork height of 312" in.**

BXCQ Series In Your Application

Performance, reliability, control, safety and comfort – the BXCQ incorporates them all to excel in a wide-range of fast-paced industrial applications, such as:

• Manufacturing • Warehousing • Distribution • Bottling • Food Products • Transportation
• Rubber and Plastics • Metal Products • Electronic and Electric Products

Reliability: YOUR FORKLIFT NEEDS TO BE READY WHEN YOU NEED IT. UPTIME IS NOT OPTIONAL.



IC-Level Hydraulic Performance

With three different power options, the BXCQ series has the right balance of power to keep your application moving.

36V Lead Acid has the lowest up-front cost and proven power you've come to expect

48V Lead Acid brings significant performance upgrades from previous models

48V Lithium-ion brings greater efficiency and up to 50% faster loaded lifting speeds with lower cost of ownership for high throughput applications.

The choice is yours.

Benefits of Moving to Lithium-Ion Technology

- Fast charging throughout the course of the shift during breaks allows the truck to stay charged when customers need it.
- Li-Ion Batteries are smart power solutions designed to communicate directly with the truck resulting in increased efficiency and output.
- The Li-Ion solution is completely maintenance free, which can help reduce overall cost of ownership and the downtime associated with maintaining and caring for traditional lead acid batteries.
- Battery lift expentancy of up to 4,000 full cycles (vs. 900 to 1,200 cycles in lead-acid batteries).
- No gas is produced during charging and no acid is contained in the battery as compared with conventional lead-acid batteries.

Lithium-Ion Batteries

Smart power solutions designed to communicate directly with the truck for increased efficiency and results. Maintenance free which reduces total cost of ownership and downtime from traditional lead-acid batteries.

Li-Ion batteries are covered by an up to 8-year, 4,000 cycles with 75% residual capacity guarantee.

Simplified Battery Maintenance & Replacement

Gas assist struts simplify battery access and mechanically lock at **nearly 90 degrees** making routine battery maintenance and change-outs faster. Optional slide extraction* further simplifies battery removal.

Real-time Warnings & Diagnostics

Integrated onboard diagnostics provide immediate truck status. Warnings appear via icons and detail on the bottom of the screen, so troubleshooting is quick and easy and the unit is back in operation faster.

Dependable Dual-Drive Unit

Our pair of brushless AC induction drive motors are self-contained units that incorporate robust gear boxes and a wet disc brake system. The result? Greater dependability and higher performance.

Built-In Thermal Sensors

These help protect the motor and controller systems, promoting **reliable performance**. A warning will flash on the LCD screen to advise the operator if overheating has occurred, followed by reduced travel and lift operations.

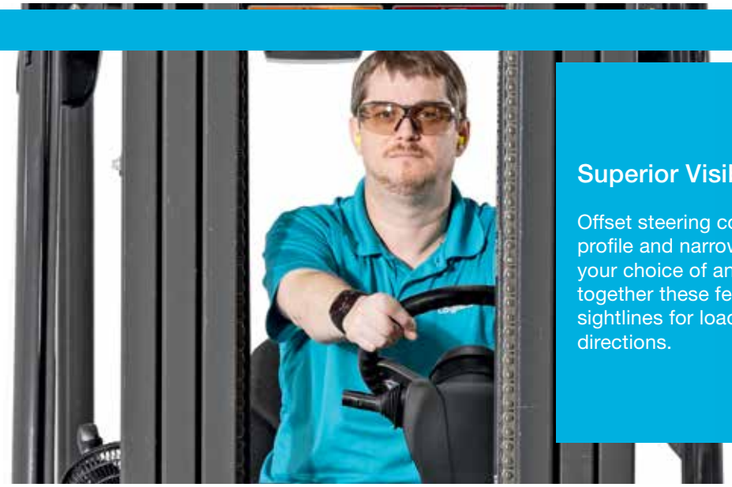
Reliable AC Technology

The BXCQ Series is powered by our 100% AC motor and hydraulics systems. With **better cooling capacity and greater reliability** even in humid environments, AC power delivers more consistent and higher performance throughout the shift on a single battery charge.

Comfort: YOUR OPERATOR SHOULD BE AS PRODUCTIVE AT THE END OF THE SHIFT AS AT THE BEGINNING.

Improved Control and Security

Maneuverability during reverse driving is easier with an optional rear right assist grip with horn button. It helps keep the operator's hand inside the compartment where it belongs.



Superior Visibility

Offset steering column, a low-profile and narrow dashboard, and your choice of an OptiView® mast – together these features produce clear sightlines for loading and moving in all directions.

Our Seat Supports Your Driver and Your Productivity

The lumbar support and weight adjustments create customized comfort for the operator, while a non-cinching seatbelt allows a wider range of movement. The full suspension design absorbs shocks for a smoother, more comfortable ride — and it's all standard on BXCQ Series forklifts.

Lumbar support adjustment

Weight adjustment

Performance: YOUR APPLICATION DESERVES BOTH POWER AND EFFICIENCY.

Highly Responsive, Highly Productive.

The BXCQ Series' AC power system delivers responsive, precise control for greater productivity throughout the work cycle. Faster acceleration, higher top travel speeds and infinitely variable lift/lower control mean more work is completed, faster.

2+1 Performance Modes = Find The Right Balance Of Productivity And Energy Efficiency For Your Application.

The BXCQ Series features adjustable settings to optimize performance based on the application, work environment or operator experience. ECO, PRO that are easily selectable through the rotation of the key switch (1/2 turn = ECO, 1 turn = PRO).

Adjustable Performance Settings

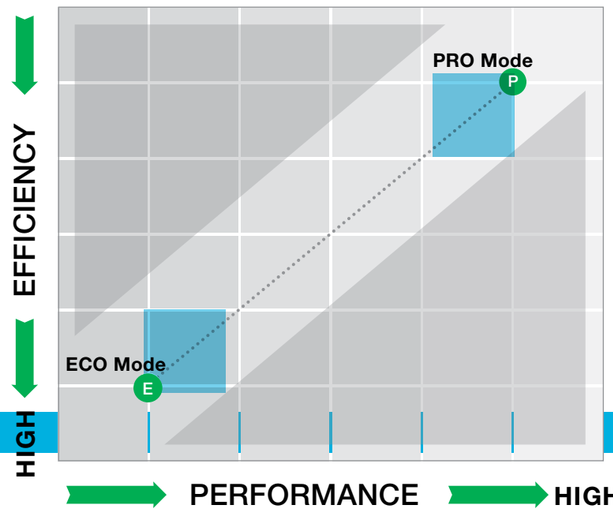
The specific performance of both modes can be fine-tuned for your operation via the Truck Tool.

E — ECO Mode

Extended operating hours achieved with only slightly reduced performance. Li-ion trucks with electronic controls use 10% less energy in this mode

P — PRO Mode

Offers high-performance settings for heavy-duty applications.



Rugged UniCarriers Designed and Manufactured Mast

Our mast features rolled steel channels

and thick inner rails for increased capacity retention. Side thrust rollers on the fork carriage are easily accessed for carriage adjustment.

Fast Acceleration, Travel and Lift Speeds

Use the high performance setting to reach top speeds and optimize productivity.

Travel Speeds

48V Lead Acid
11.3/11.3 MPH
*48V Li-Ion**
11.3/12.5 MPH
Full load / No load

Lift Speeds

48V Lead Acid
88.7/120.0 FPM
*48V Li-Ion**
110.2/120.0 FPM
Full load / No load

* Max performance from Li-Ion requires Fingertip or Joystick controls

Minimize Preventable Repairs

Operators are more likely to perform regular lift truck inspections if they are easy to do. Access to hydraulic and brake fluids is convenient, making daily checks or required refills simple, so operators can focus on the job ahead.

Saving with every Service

For when you have to service, all major components are easily accessible from either the side panels, or easily removable floor panel.

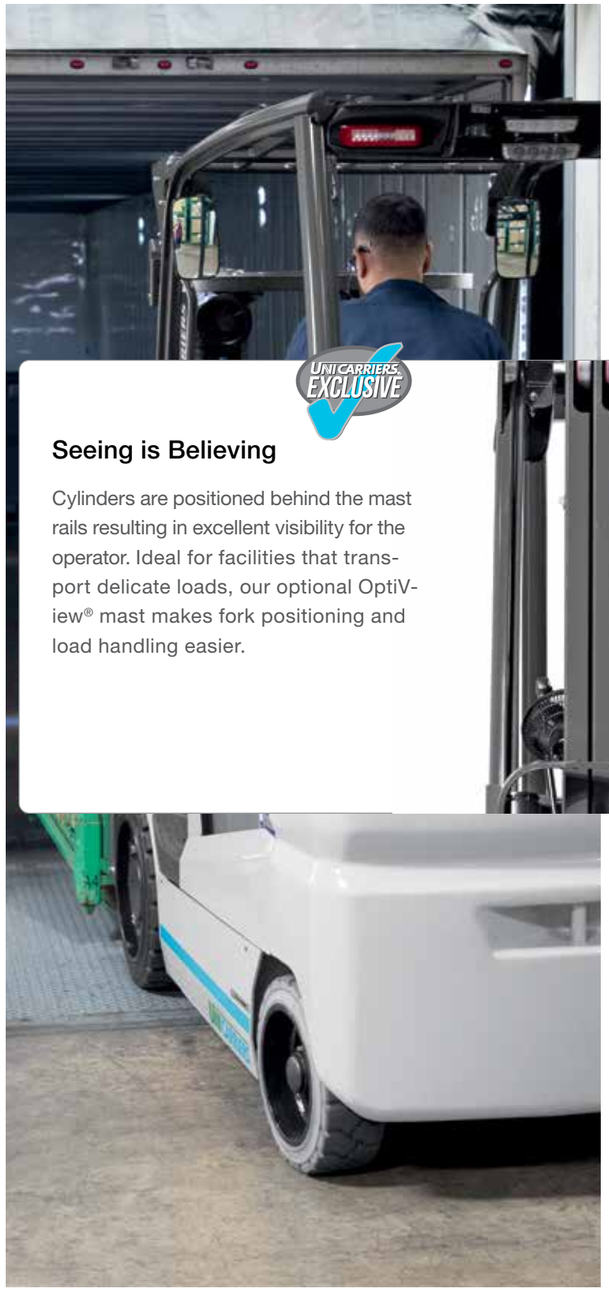
Save Precious Battery Power

Industrial batteries can be a significant part of your operational expenses. The BXCQ incorporates power saving features to optimize battery usage so you can get the most out of your investment.

- Advanced regenerative technology **reclaims power**, lowering power consumption and **reducing component wear** through less heat generation — to keep your equipment **operating longer**, with less time in the charging bay.
- An auto power-off cuts the electrical system if the forklift sits idle. Select an allowable idle time between 15 and 60 minutes before the vehicle powers down.
- On-demand power steering system draws battery power only when required.

Safety:

YOUR STAND-UP COUNTERBALANCE SHOULD PROTECT ITS OPERATOR, ITS LOAD AND ITSELF.



Operator Presence System

This comprehensive system includes a **seat-actuated power interrupt with mast-lock**, automatically preventing lift and tilt operations if the operator leaves the seat. The **return-to-neutral** feature minimizes forklift movement if the operator leaves the truck while still in gear. Other audible and visual warnings come standard, including a **seatbelt alarm**.

UNICARRIERS EXCLUSIVE

Seeing is Believing

Cylinders are positioned behind the mast rails resulting in excellent visibility for the operator. Ideal for facilities that transport delicate loads, our optional OptiView® mast makes fork positioning and load handling easier.

Forward Thinking Back Up Alarm

Our back-up alarm provides plenty of notice to pedestrians and other drivers in the area. For applications with varying noise levels, there is an optional self-adjusting alarm that adjusts sound volume based on ambient noise levels.

Reverse driving actuates optional blue spotlight to illuminate the floor, for advanced visual warning.

Control: YOUR PRODUCTS DESERVE PURE PRECISION. WE PUT IT AT YOUR FINGERTIPS.

Maintain Control

When traveling on inclines, our **Ramp Hold** feature prevents rollback and **Traction Boost** feature draws more power to the motors temporarily to maintain consistent speeds while on ramps.

UNICARRIERS EXCLUSIVE

Single Handle Control Lever

Faster, easier and more fluid, our single handle control **combines both lift and tilt functions for greater productivity**. It is standard equipment on the BXCQ Series—and not available from any other forklift brand. Separate control levers are available at no charge.

Load Stability during Travel and Lifting/Lowering

Automatic control features sense the operating conditions and respond to balance load handling productivity. **Curve control** senses speed and steer angle to slow the truck when needed. **Passive Sway Control** senses mast movement (at heights above 12.5 ft) and absorbs mast sway into the gear-box and chassis.

Sensitive to Your Acceleration Needs

Within the BXCQ control system, the quicker the accelerator pedal is depressed, the faster the lift truck will respond to your command for speed. This feature is ideal for fast paced operations and where long runs are common. Operators can also maintain a slower acceleration rate by reducing their pedal force when pedestrians are present or in more confined areas of the warehouse. In addition, the operator can adjust the acceleration rate through the Truck Tool, for even faster or slower response.

Light Options

Fingertip Controls

Hydraulic Quick Disconnect

Freezer Package

Mini-Steering Wheel

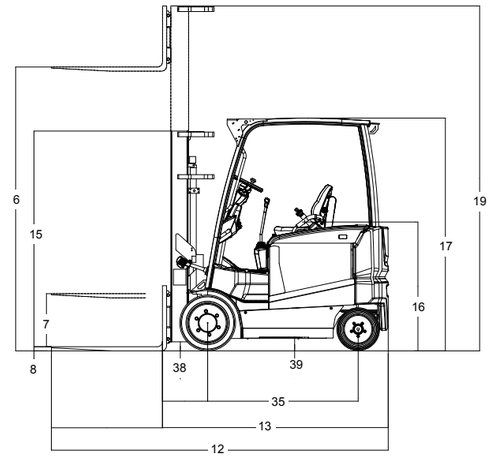
Option Availability

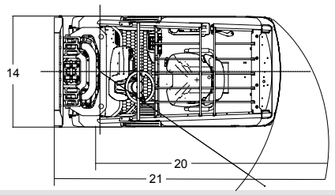
FEATURES	
Full-color LED display	●
Hydraulic 100 degree steer axle	●
AC motor system	●
Regenerative braking system	●
Selectable performance modes	●
LED forward working lights	●
Presence detection system	●
Full-suspension vinyl seat	●
Load Weight Indicator	○
Fingertip controls	○
Automatic operator assistance controls (Curve control, Lift Control, Sway Control & more)	●

● Standard ○ Optional

				BXC40Q		BXC50CQ		BXC50Q			BXC60Q		BXC65Q		BXC80Q	
CHARACTERISTICS																
1	Capacity at rated load center	lb	kg	4,000	1,814	5,000	2,268	5,000	2,268	1	6,000	2,721	6,500	2,948	8,000	3,628
2	Load center -- distance	in	mm	24	600	24	500	24	500	2	24	600	24	500	24	600
3	Power – diesel, gasoline, LP gas, electric			electric		Electric		Electric		3	Electric		Electric		Electric	
4	Tire type – cushion, solid pneumatic			cushion		Cushion		Cushion		4	Cushion		Cushion		Cushion	
5	Wheels (x=driven) number front / rear			2x / 2		2x / 2		2x / 2		5	2x / 2		2x / 2		2x / 2	
DIMENSIONS																
6	Maximum fork height (top of forks)	in	mm	107.9	2,740	107.9	2,740	107.9	2,740	6	153.5	3,900	159.4	4,050	159.4	4,050
7	Free lift	in	mm	4.2	106	4.2	106	4.2	106	7	29.6	752	29.6	752	29.6	752
8	Forks – thickness x length x width	in	mm	1.5 x 4 x 42.1	38 x 102 x 1,070	1.5 x 4 x 42.1	38 x 102 x 1,070	1.5 x 4 x 42.1	38 x 102 x 1,070	8	2.0 x 5 x 42.1	51 x 127 x 1,070	2.0 x 5 x 42.1	51 x 127 x 1,070	2.0 x 5 x 42.1	51 x 127 x 1,070
9	Fork carriagee width	in	mm	36.2	920	36.2	920	36.2	920	9	40.2	1,020	40.2	1,020	40.2	1,020
10	Fork carriage ISO 232, class / type A, B			Class 2/ Type A		Class 2/ Type A		Class 2/ Type A		10	Class 3/ Type A		Class 3/ Type A		Class 3/ Type A	
11	Tilt – forward / backward	deg		5 / 8		5 / 8		5 / 8		11	5 / 5		5 / 5		5 / 5	
12	Overall length (with 42" long forks)	in	mm	127.2	3,232	127.2	3,232	130.8	3,322	12	132.4	3,363	133	3,378	136.3	3,463
13	Length to fork face (includes fork thickness)	in	mm	85	2,162	85	2,162	88.7	2,252	13	90.3	2,293	90.7	2,308	94.2	2,393
14	Overall width with single tires	in	mm	42.1	1,070	42.1	1,070	42.1	1,070	14	43.3	1,100	43.3	1,100	43.3	1,100
15	Height to top of lowered mast	in	mm	71.3	1,810	71.3	1,810	71.3s	1,810	15	77.2	1,960	77.2	1,960	77.2	1,960
16	Seat height to SIP	in	mm	50	1,275	50	1,275	50	1,275	16	50	1,275	50	1,275	50	1,275
17	Height to top of overhead guard	in	mm	88	2,235	88	2,235	88	2,235	17	88	2,235	88	2,235	88	2,235
18	Drawbar pin height (middle)	in	mm	22.7	577	22.7	577	22.7	577	18	22.7	577	22.7	577	22.7	577
19	Height with mast raised	in	mm	155.7	3,954	155.7	3,954	155.7	3,954	19	201.1	5,108	201.1	5,108	201.1	5,108
20	Minimum outside turning radius	in	mm	68.5	1,740	68.5	1,740	72.0	1,830	20	72.0	1,830	72.6	1,845	76.0	1,930
21	Minimum aisle – 90° stack - zero clearance without load	in	mm	85.1	2,162	85.1	2,162	88.7	2,252	21	90.3	2,293	90.7	2,308	94.2	2,393
PERFORMANCE																
22	Travel speed – loaded / empty (36 volt lead-acid)	mph	km/h	10.3 / 10.8	16.6 / 17.4	9.6 / 10.8	15.4 / 17.4	9.6 / 10.8	15.4 / 17.4	22	9.1 / 10.6	14.6 / 17.1	9.1 / 10.6	14.6 / 17.1	9.1 / 10.6	14.6 / 17.1
23	Travel speed – loaded / empty (48 volt lead-acid)	mph	km/h	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	23	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2
24	Travel speed – loaded / empty (48 volt li-ion)	mph	km/h	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	24	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1
25	Lift speed – loaded / empty (36 volt lead-acid) manual	fpm	m/s	66.4 / 84.5	0.34 / 0.43	62.3 / 85.4	0.32 / 0.43	62.3 / 85.4	0.32 / 0.43	25	52.8 / 72.3	0.27 / 0.37	50.7 / 68.7	0.26 / 0.35	47.7 / 68.7	0.24 / 0.35
	Lift speed – loaded / empty (36 volt lead-acid) fingertip			69.9 / 100.4		69.9 / 100.4		69.9 / 100.4			58.8 / 95.5		50.0 / 77.8		50.0 / 77.7	
26	Lift speed – loaded / empty (48 volt lead-acid) manual	fpm	m/s	71.3 / 104.2	0.36 / 0.53	66.4 / 104.2	0.34 / 0.53	66.4 / 104.2	0.34 / 0.53	26	55.6 / 89.9	0.28 / 0.46	50.9 / 70.6	0.26 / 0.36	47.2 / 70.6	0.24 / 0.36
	Lift speed – loaded / empty (48 volt lead-acid) fingertip			88.7 / 120.0		88.7 / 120.0		88.7 / 120.0			75.8 / 106.4		64.4 / 90.7		64.4 / 90.7	
27	Lift speed – loaded / empty (48 volt li-ion) manual	fpm	m/s	78.6 / 107.6	0.40 / 0.55	73.7 / 107.6	0.37 / 0.55	73.7 / 107.6	0.37 / 0.55	27	62.7 / 93.3	0.32 / 0.47	56.2 / 72.0	0.29 / 0.37	53.3 / 72.0	0.27 / 0.37
	Lift speed – loaded / empty (48 volt li-ion) fingertip			110.2 / 120.0		110.2 / 120.0		110.2 / 120.0			86.6 / 110.2		79.7 / 92.5		79.7 / 92.5	
28	Lowering speed – loaded / empty	fpm	m/s	94.5 / 79	0.48 / 0.40	94.5 / 79	0.48 / 0.40	94.5 / 79	0.48 / 0.40	28	96.5 / 96.5	0.49 / 0.49	98.5 / 98.5	0.50 / 0.50	76.8 / 76.8	0.39 / 0.39
29	Maximum gradeability – loaded / empty	%		32		32		31		29	32		30		24	
WEIGHT																
30	Empty – without battery	lb	kg	5,853	2,655	6,747	3,060	6,247	2,834	30	8,394	3,807	8,780	3,983	9,797	4,444
31	Axle load – with rated load (front / rear)(w/ minimum battery)	lb	kg	11,137 / 1,115	5,052 / 506	12,508 / 1,454	5,674 / 659	12,490 / 1,656	5,665 / 751	31	15,864 / 1,630	7,196 / 739	16,694 / 1,686	7,572 / 765	18,872 / 1,930	8,560 / 875
32	Axle load – without rated load (front / rear)(w/ minimum battery)	lb	kg	3,955 / 4,297	1,794	1,949	3,863 / 5,283	4,220 / 5,126	1,914 / 2,325	32	5,519 / 5,975	2,503 / 2,710	5,487 / 6,393	2,489 / 2,900	5,242 / 7,655	2,378 / 3,472
CHASSIS																
33	Tire size – front	in		21 x 7 x 15		21 x 7 x 15		21 x 7 x 15		33	22 x 8 x 16		22 x 3 x 16		22 x 8 x 16	
34	Tire size – rear	in		16.25 x 6 x 11.25		16.25 x 6 x 11.25		16.25 x 6 x 11.25		34	16.25 x 6 x 11.25		16.25 x 6 x 11.25		16.25 x 6 x 11.25	
35	Wheelbase	in	mm	57	1,450	57	1,450	70	1,549	35	70	1,549	70	1,549	70	1,549
36	Tread width – front, standard tires	in	mm	35.1	892	35.1	892	35.1	892	36	35.3	897	35.3	897	35.3	897
37	Tread width – rear tires	in	mm	35	888	35	888	35	888	37	35	888	35	888	35	888
38	Ground clearance – at lowest point at mast	in	mm	3.1	78.7	3.1	78.7	3.1	78.7	38	3.1	78.7	3.1	78.7	3.1	78.7
39	Ground clearance – at center of wheelbase	in	mm	4.4	112.5	4.4	112.5	4.4	112.5	39	4.4	112.5	4.4	112.5	4.4	112.5
40	Service brakes	type		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		40	foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	Parking brakes	type		automatic, hydraulic		automatic, hydraulic		automatic, hydraulic		41	automatic, hydraulic		automatic, hydraulic		automatic, hydraulic	
ELECTRICAL																
42	Battery type			lead-acid / li-ion		lead-acid / li-ion		lead-acid / li-ion		42	lead-acid / li-ion		lead-acid / li-ion		lead-acid / li-ion	
43	Battery weight, minimum	lb	kg	2,400	1,089	2,400	1,089	3,100	1,406	43	3,100	1,406	3,100	1,406	3,100	1,406
44	Battery weight, maximum	lb	kg	3,240	1,469	3,240	1,469	3,970	1,800	44	3,970	1,800	3,970	1,800	3,970	1,800
45	Battery compartment size, maximum	in	mm	39.5 x 30.5 x 22.8	1,000 x 775 x 580	39.5 x 30.5 x 22.8	1,000 x 775 x 580	39.5 x 34.3 x 22.8	1,000 x 870 x 580	45	39.5 x 34.4 x 22.8	1,000 x 870 x 580	39.5 x 34.3 x 22.8	1,000 x 870 x 580	39.5 x 34.3 x 22.8	1,000 x 870 x 580
46	Drive motor capacity (60 min. rating)	HP	kW	9.4	7	9.4	7	9.4	7	46	9.4	7	9.4	7	9.4	7
47	Lift output (15% rating) (36 / 48 volt)	HP	kW	15.4 / 20.8	11.5 / 15.5	15.4 / 20.8	11.5 / 15.5	15.4 / 20.8	11.5 / 15.5	47	16.1 / 22.1	12 / 16.5	16.1 / 22.1	12 / 16.5	16.1 / 22..1	12 / 16.5
48	Drive / hydraulic controls	type		AC transistor		AC transistor		AC transistor		48	AC transistor		AC transistor		AC transistor	
49	Relief pressure for attachments	bar	psi	180	2,610	180	2,610	180	2,610	49	180	2,610	180	2,610	180	2,610
50	Flow rate for attachments	gpm	lpm	7.9	30	7.9	30	7.9	30	50	7.9	30	7.9	30	7.9	30

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





Safety Standards

These trucks meet American National Standards Institute/ Industrial Truck Standards Development Foundation, ANSI/ ITSDF B56.1.

UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only. Availability: Type E standard. Types ES and EE optional. 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.

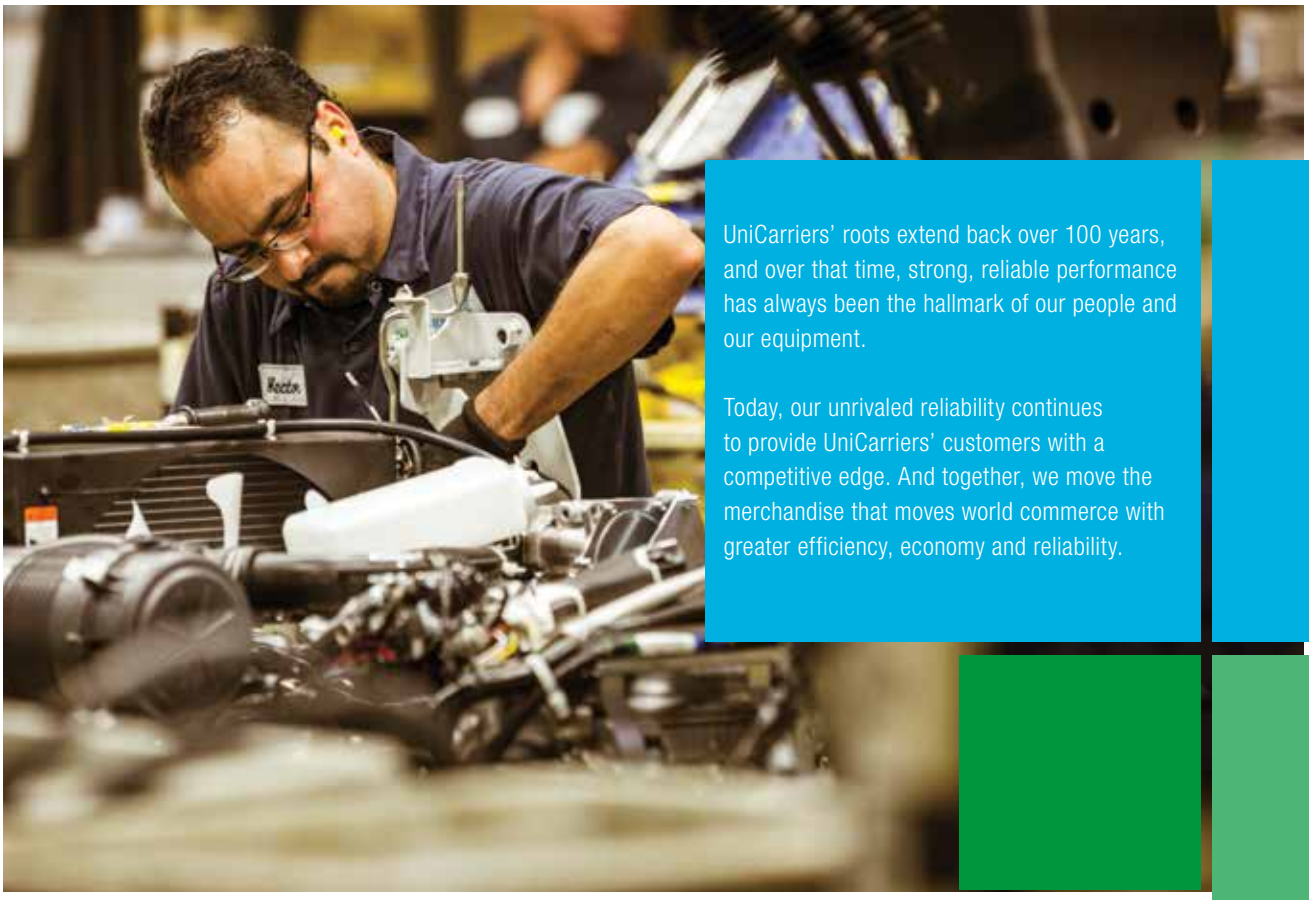
Contact your UniCarriers lift truck dealer for further information including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and requirements. Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

* Maximum converted value to gradeability at maximum torque of the traction motor.

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Maximum converted value to gradeability at maximum torque of the traction motor. 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). (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. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

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.

Reliability.
It's the defining trait of our brand and our forklifts.



UniCarriers' roots extend back over 100 years, and over that time, strong, reliable performance has always been the hallmark of our people and our equipment.

Today, our unrivaled reliability continues to provide UniCarriers' customers with a competitive edge. And together, we move the merchandise that moves world commerce with greater efficiency, economy and reliability.

Which brand do you trust?
The one you never have to think about.

We Never Quit.

LogisnextAmericas.com/UniCarriers

UNICARRIERS® FORKLIFT

UECM403 05/2026