

# UNICARRIERS<sup>®</sup>

## □ F O R K L I F T □

# QX Series



## Electric Counterbalanced Forklifts

80 Volt AC-Powered

4,000 - 6,000 lbs. Capacities | Pneumatic Tire



# S P E C I F I C A T I O N S

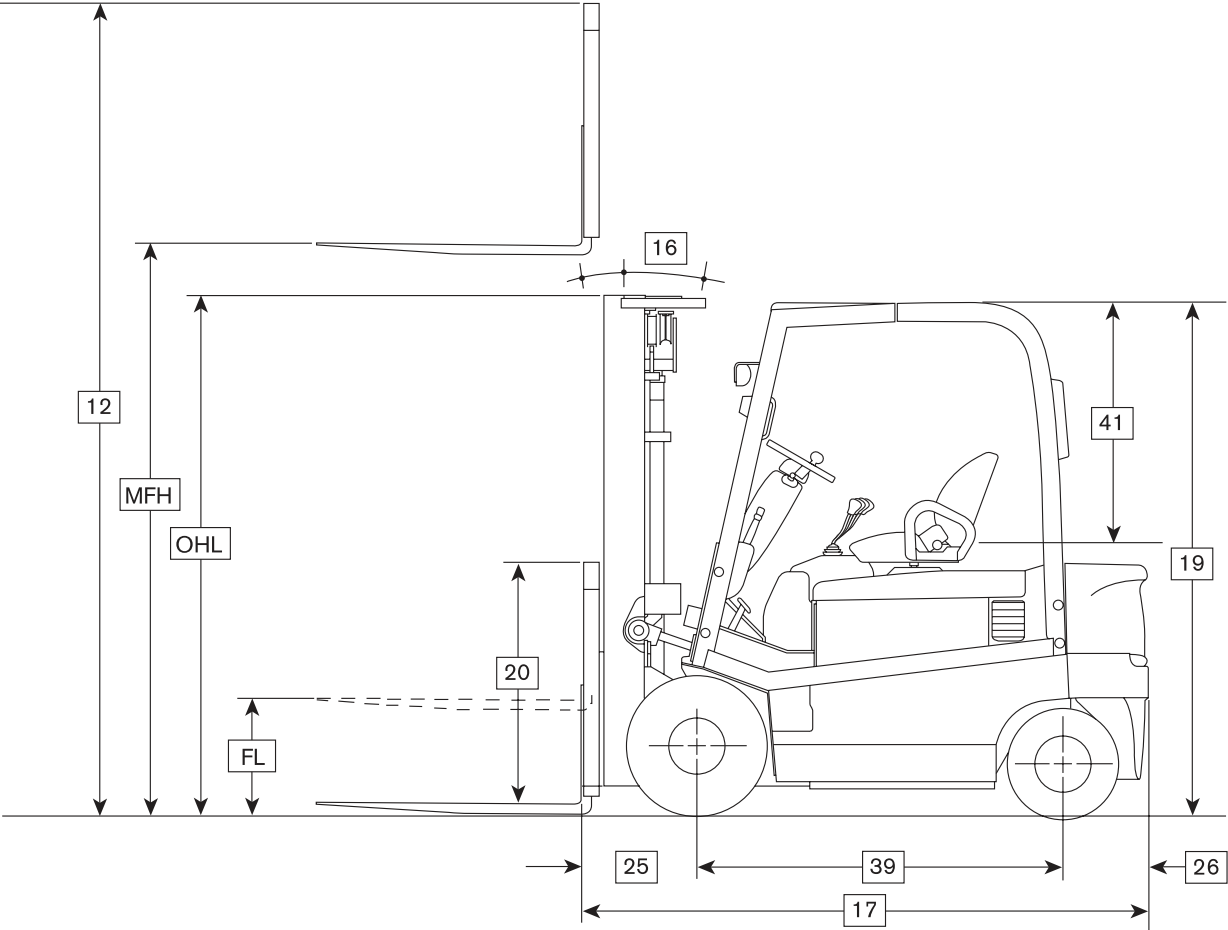
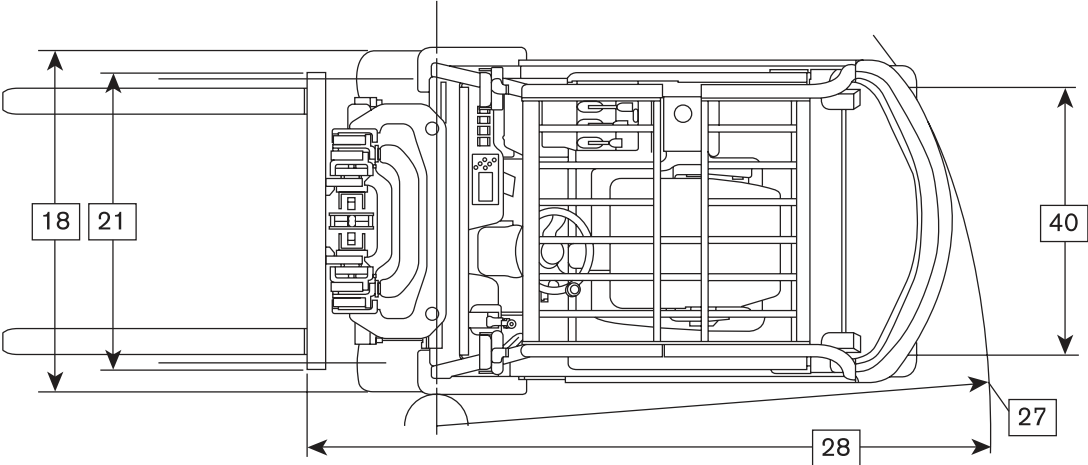
## MAIN TRUCK SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer's Name		UniCarriers		UniCarriers	
	2	Model	Model designation	QX40		QX50	
	3	Long model code		1Q2L20V		1Q2L25V	
	4	Rated Load Capacity		4000 (1815)		5000 (2265)	
DIMENSIONS	5	Load Center	Distance	24 (600)		24 (600)	
	6	Power Type	Electric	80v		80v	
	7	Operator Orientation		Sit		Sit	
	8	Tire Type	Front & rear	Solid Pneumatic		Solid Pneumatic	
	9	Wheels	Number - front/rear (x=driven)	2x / 2		2x / 2	
	10	Mast	Maximum fork height	130 (3300)		130 (3300)	
	11		Mast lowered (OHL)	84.5 (2145)		84.5 (2145)	
	12		Mast extended with LBR	178 (4520)		178 (4520)	
	13		Standard freelif	5.9 (150)		5.9 (150)	
	14	Forks	Thickness & width	1.5 x 4 (40 x 100)		1.5 x 4 (40 x 100)	
	15		Length (STD)	42.1 (1070)		42.1 (1070)	
	16	Tilt Angle	Standard mast - fwd/back	5/8		5 / 8	
	17	Overall Dimensions	Length (to face of forks)	92.1 (2340)		92.1 (2340)	
	18		Width (standard tires)	46.5 (1180)		46.5 (1180)	
	19		Height - top of OHG	88 (2235)		88 (2235)	
	20		Height - top of standard LBR	48 (1220)		48 (1220)	
	21		Width - standard carriage	40.2 (1020)		40.2 (1020)	
	22	Grade Clearance	Approach angle	31		31	
	23		Ramp breakover angle	29		29	
	24		Departure angle	44		44	
	25	Overhang	Front	18.3 (465)		18.3 (465)	
	26		Rear	14.2 (360)		14.2 (360)	
	27	Turning Radius	Minimum outside	78.4 (1990)		78.4 (1990)	
	28	Min Right Angle Stack	Add load length & clearance	96.7 (2455)		96.7 (2455)	
PERFORMANCE	29	Speeds Maximum	Travel - loaded / unloaded	12.7 / 13.0 (20.5 / 21.0)		12.4 / 13.0 (20.0 / 21.0)	
	30		Lift - loaded / unloaded	100.4 / 127.9 (510 / 650)		92.5 / 127.9 (470 / 650)	
	31		Lowering - loaded / unloaded	98.4 / 98.4 (500 / 500)		98.4 / 98.4 (500 / 500)	
	32	Drawbar Pull Maximum	Full load (36v/48v)	2811 (12503)		2811 (12503)	
	33	Gradeability Maximum	Full load (36v/48v)	19		16	
WEIGHT	34	Truck Weight	Empty, min. battery	9705 (4400)		10445 (4735)	
	35	Weight Distribution	Full load front/rear - min. battery	11980 / 1725 (5435 / 780)		13610 / 1835 (6175 / 830)	
	36		No load front/rear - min. battery	5140 / 4565 (2330 / 2070)		5060 / 5385 (2295 / 2440)	
CHASSIS & WHEELS	37	Tire Size	Front	23 x 9 - 10		23 x 9 - 10	
	38		Rear	18 x 7 - 8		18 x 7 - 8	
	39	Wheelbase		59.6 (1515)		59.6 (1515)	
	40	Tread - Center of Tire	Front / rear (standard tires)	38.4 / 38.2 (975 / 970)		38.4 / 38.2 (975 / 970)	
	41	Headroom	SIP to bottom of OHG	41.1 (1045)		41.1 (1045)	
	42	Counterweight Height		40.9 (1040)		40.9 (1040)	
	43	Step Height		13.5 (345)		13.5 (345)	
	44	Ground Clearance	Under mast	4.5 (115)		4.5 (115)	
	45		Under frame, center of wheelbase	4.1 (105)		4.1 (105)	
	46	Service Brake	Type	Electric / Hydr		Electric / Hydr	
	47	Parking Brake	Type	Hand		Hand	
DRIVE LINE	48	Steering	On-demand	Hydraulic		Hydraulic	
	49	Traction Motor	Type / Rating (1-hour)	AC / 9.9		AC / 9.9	
	50		Control type	MOS-FET Inverter		MOS-FET Inverter	
BATTERY	51	Pump Motor	Type / Rating (5-minute)	AC / 21.5		AC / 21.5	
	52	Battery Compartment Size	W x H - Maximum	40.66 x 31.65 (1033 x 804)		40.66 x 31.65 (1033 x 804)	
	53		L - Maximum	28.18 (716)		28.18 (716)	
	54	Recommended Battery Size	WxH	40.35 x 30.86 (1025 x 784)		40.35 x 30.86 (1025 x 784)	
	55		L	27.87 (708)		27.87 (708)	
	56		Lead acid	40-125-09 (40 - 4 PzS 620)		40-125-09 (40 - 4 PzS 620)	
	57	Capacity	Minimum / Maximum	480 / 620		480 / 620	
	58	Weight	Minimum / Maximum	3240 / 3595 (1470 / 1630)		3240 / 3595 (1470 / 1630)	
	59	Lead Length	Position A	15.8 (400)		15.8 (400)	
	60	Connector	Type	SBE320 Black		SBE320 Black	

## MAIN TRUCK SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer's Name		UniCarriers	UniCarriers
	2	Model	Model designation	QX50L	QX60
	3	Long model code		G1Q2L25V	G1Q2L30V
	4	Rated Load Capacity	lb (kg)	5000 (2265)	6000 (2720)
DIMENSIONS	5	Load Center	Distance	24 (600)	24 (600)
	6	Power Type	Electric	80v	80v
	7	Operator Orientation		Sit	Sit
	8	Tire Type	Front & rear	Solid Pneumatic	Solid Pneumatic
	9	Wheels	Number - front/rear (x=driven)	2x / 2	2x / 2
	10	Mast	Maximum fork height	130 (3300)	130 (3300)
	11		Mast lowered (OHL)	84.5 (2145)	84.5 (2145)
	12		Mast extended with LBR	178 (4520)	178 (4520)
	13		Standard freelif	5.9 (150)	6.2 (160)
	14	Forks	Thickness & width	1.5 x 4 (40 x 100)	2 x 5 (50 x 125)
	15		Length (STD)	42.1 (1070)	42.1 (1070)
	16	Tilt Angle	Standard mast - fwd/back	5/8	5 / 8
	17	Overall Dimensions	Length (to face of forks)	97.8 (2485)	98.2 (2495)
	18		Width (standard tires)	46.5 (1180)	49.2 (1250)
	19		Height - top of OHG	88 (2235)	88 (2235)
	20		Height - top of standard LBR	48 (1220)	48 (1220)
	21		Width - standard carriage	40.2 (1020)	40.2 (1020)
	22	Grade Clearance	Ramp breakover angle	31	31
	23		Departure angle	26	26
	24			44	44
	25	Overhang	Front	18.3 (465)	18.7 (475)
	26		Rear	14.2 (360)	14.2 (360)
	27	Turning Radius	Minimum outside	84.3 (2140)	84.3 (2140)
	28	Min Right Angle Stack	Add load length & clearance	102.6 (2605)	103.0 (2615)
PERFORMANCE	29	Speeds Maximum	Travel - loaded / unloaded	12.4 / 13.0 (20.0 / 21.0)	11.5 / 13.0 (18.5 / 21.0)
	30		Lift - loaded / unloaded	92.5 / 127.9 (470 / 650)	88.6 / 108.3 (450 / 550)
	31		Lowering - loaded / unloaded	98.4 / 98.4 (500 / 500)	98.4 / 98.4 (500 / 500)
	32	Drawbar Pull Maximum	Full load (36v/48v)	2811 (12503)	2733 (12155)
	33	Gradeability Maximum	Full load (36v/48v)	16	14
WEIGHT	34	Truck Weight	Empty, min. battery	10575 (4795)	11460 (5200)
	35	Weight Distribution	Full load front/rear - min. battery	13790 / 1785 (6255 / 810)	15575 / 1885 (7065 / 855)
	36		No load front/rear - min. battery	5545 / 5030 (2515 / 2280)	5650 / 5810 (2565 / 2635)
CHASSIS & WHEELS	37	Tire Size	Front	23 x 9 - 10	23 x 10 - 12
	38		Rear	18 x 7 - 8	18 x 7 - 8
	39	Wheelbase		65.4 (1660)	65.4 (1660)
	40	Tread - Center of Tire	Front / rear (standard tires)	38.4 / 38.2 (975 / 970)	40.0 / 38.2 (1015 / 970)
	41	Headroom	SIP to bottom of OHG	41.1 (1045)	41.1 (1045)
	42	Counterweight Height		40.9 (1040)	40.9 (1040)
	43	Step Height		13.5 (345)	13.5 (345)
	44	Ground Clearance	Under mast	4.5 (115)	4.5 (115)
	45		Under frame, center of wheelbase	4.1 (105)	4.1 (105)
	46	Service Brake	Type	Electric / Hydr	Electric / Hydr
	47	Parking Brake	Type	Hand	Hand
	48	Steering	On-demand	Hydraulic	Hydraulic
DRIVE LINE	49	Traction Motor	Type / Rating (1-hour)	AC / 9.9	AC / 9.9
	50		Control type	MOS-FET Inverter	MOS-FET Inverter
	51	Pump Motor	Type / Rating (5-minute)	AC / 21.5	AC / 21.5
BATTERY	52	Battery Compartment Size	W x H - Maximum	40.66 x 31.65 (1033 x 804)	40.66 x 31.65 (1033 x 804)
	53		L - Maximum	33.85 (860)	33.85 (860)
	54	Recommended Battery Size	WxH	40.35 x 30.86 (1025 x 784)	40.35 x 30.86 (1025 x 784)
	55		L	33.54 (852)	33.54 (852)
	56		Lead acid	40-140-09 (40 - 5 PzS 775)	40-140-09 (40 - 5 PzS 775)
	57	Capacity	Minimum / Maximum	600 / 775	600 / 775
	58	Weight	Minimum / Maximum	3900 / 4345 (1770 / 1970)	3900 / 4345 (1770 / 1970)
	59	Lead Length	Position A	15.8 (400)	15.8 (400)
	60	Connector	Type	SBE320 Black	SBE320 Black

DIMENSIONS



# MAST SPECIFICATIONS & RATED CAPACITIES

		Maximum Fork Height	Overall Height				Free Lift		Tilt Angle	Rated Capacity at 24" (600) Load Center	
			Lowered	Fully Extended							
				MFH	OHL	With LBR	Without LBR	With LBR	Without LBR		
										in (mm)	in (mm)
TWO STAGE (Wide View)	2W300	118 (3000)	78.6 (2000)	166.2 (4220)	143.6 (3650)	5.9 (150)	5.9 (150)	5/8	4000 (1800)	5000 (2250)	
	2W330	130 (3300)	84.5 (2145)	178.0 (4520)	155.4 (3950)	5.9 (150)	5.9 (150)	5/8	4000 (1800)	5000 (2250)	
	2W350	138 (3500)	89.8 (2280)	185.9 (4720)	163.2 (4145)	5.9 (150)	5.9 (150)	5/8	4000 (1800)	5000 (2250)	
	2W370	146 (3700)	94.7 (2405)	193.8 (4920)	171.1 (4345)	5.9 (150)	5.9 (150)	5/8	4000 (1800)	5000 (2250)	
	2W400	157 (4000)	102.2 (2595)	205.6 (5220)	182.9 (4645)	5.9 (150)	5.9 (150)	5/8	4000 (1800)	5000 (2250)	
	2W450	177 (4500)	112.1 (2850)	225.2 (5720)	202.6 (5145)	5.9 (150)	5.9 (150)	5/8	4000 (1800)	5000 (2250)	
	2W500	197 (5000)	121.9 (3095)	244.9 (6220)	222.3 (5646)	5.9 (150)	5.9 (150)	5/8	3900 (1750)	4800 (2150)	
TWO STAGE (Full Free)	2F300	118 (3000)	78.6 (2000)	166.2 (4220)	144.9 (3680)	32.0 (810)	53.3 (1350)	5/8	4000 (1800)	5000 (2250)	
	2F330	130 (3300)	84.5 (2145)	178.0 (4520)	156.7 (3980)	37.9 (960)	59.2 (1500)	5/8	4000 (1800)	5000 (2250)	
	2F350	138 (3500)	89.8 (2280)	185.9 (4720)	164.6 (4180)	43.3 (1100)	64.5 (1635)	5/8	4000 (1800)	5000 (2250)	
	2F370	146 (3700)	94.7 (2405)	193.8 (4920)	172.5 (4390)	48.2 (1225)	69.4 (1760)	5/8	4000 (1800)	5000 (2250)	
	2F400	157 (4000)	102.2 (2595)	205.6 (5220)	184.3 (4680)	55.7 (1415)	76.9 (1950)	5/8	4000 (1800)	5000 (2250)	
THREE STAGE (Full Free)	3F385	152 (3850)	72.7 (1850)	199.7 (5070)	178.4 (4530)	26.1 (660)	47.6 (1210)	5/5	4000 (1800)	5000 (2250)	
	3F430	169 (4300)	78.6 (2000)	217.4 (5520)	196.1 (4980)	32.0 (810)	53.5 (1355)	5/5	4000 (1800)	5000 (2250)	
	3F475	187 (4750)	84.5 (2145)	235.1 (5970)	213.8 (5430)	37.9 (960)	59.4 (1505)	5/5	4000 (1800)	5000 (2250)	
	3F515	203 (5150)	89.8 (2280)	250.8 (6370)	229.6 (5830)	43.3 (1100)	64.7 (1640)	5/5	3800 (1700)	4600 (2100)	
	3F550	217 (5500)	94.7 (2405)	264.6 (6720)	243.4 (6180)	48.2 (1225)	69.6 (1765)	5/5	3600 (1650)	4200 (1900)	
	3F600	236 (6000)	102.2 (2595)	284.3(7220)	263.0 (6680)	55.7 (1415)	77.1 (1955)	5/5	3100 (1400)	3400 (1550)	
	3F650	256 (6500)	112.1 (2850)	304.0 (7720)	282.7 (7180)	65.5 (1660)	87.0 (2210)	5/5	2500 (1150)	2700 (1200)	
	3F700	276 (7000)	121.9 (3095)	323.7 (8820)	302.4 (7680)	75.3 (1910)	96.8 (2455)	5/5	2000 (900)	2200 (1000)	

		Maximum Fork Height	Overall Height				Free Lift		Tilt Angle	Rated Capacity at 24" (600) Load Center
			Lowered	Fully Extended		QX60				
				MFH	OHL		With LBR	Without LBR	With LBR	Without LBR
					in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
TWO STAGE (Wide View)	2W300	118 (3000)	78.6 (2000)	166.2 (4220)	143.6 (3650)	6.2 (160)	6.2 (160)	5/8	6000 (2700)	
	2W330	130 (3300)	84.5 (2145)	178.0 (4520)	155.4 (3950)	6.2 (160)	6.2 (160)	5/8	6000 (2700)	
	2W350	138 (3500)	89.8 (2280)	185.9 (4720)	163.2 (4145)	6.2 (160)	6.2 (160)	5/8	6000 (2700)	
	2W370	146 (3700)	94.7 (2405)	193.8 (4920)	171.1 (4345)	6.2 (160)	6.2 (160)	5/8	6000 (2700)	
	2W400	157 (4000)	102.2 (2595)	205.6 (5220)	182.9 (4645)	6.2 (160)	6.2 (160)	5/8	6000 (2700)	
	2W450	177 (4500)	112.1 (2850)	225.2 (5720)	202.6 (5145)	6.2 (160)	6.2 (160)	5/8	5900 (2650)	
	2W500	197 (5000)	121.9 (3095)	244.9 (6220)	222.3 (5645)	6.2 (160)	6.2 (160)	5/8	5600 (2550)	
TWO STAGE (Full Free)	2F300	118 (3000)	78.6 (2000)	166.2 (4220)	144.9 (3680)	32.4 (825)	53.9 (1370)	5/8	6000 (2700)	
	2F330	130 (3300)	84.5 (2145)	178.0 (4520)	157.1 (3980)	38.3 (975)	59.8 (1520)	5/8	6000 (2700)	
	2F350	138 (3500)	89.8 (2280)	185.9 (4720)	164.6 (4180)	43.7 (1110)	65.1 (1655)	5/8	6000 (2700)	
	2F370	146 (3700)	94.7 (2405)	193.8 (4920)	172.5 (4390)	48.6 (1235)	70.0 (1780)	5/8	6000 (2700)	
	2F400	157 (4000)	102.2 (2595)	205.6 (5220)	184.3 (4680)	56.1 (1425)	77.5 (1970)	5/8	6000 (2700)	
THREE STAGE (Full Free)	3F385	152 (3850)	78.6 (2000)	199.7 (5070)	176.4 (4480)	32.4 (825)	55.7 (1415)	5/5	6000 (2700)	
	3F430	169 (4300)	84.5 (2145)	217.4 (5520)	194.1 (4930)	38.3 (975)	61.6 (1565)	5/5	6000 (2700)	
	3F475	187 (4750)	89.8 (2280)	235.1 (5970)	211.9 (5380)	43.7 (1110)	66.9 (1700)	5/5	5700 (2600)	
	3F515	203 (5150)	94.7 (2405)	250.8 (6370)	227.6 (5780)	48.6 (1235)	71.8 (1825)	5/5	5500 (2500)	
	3F550	217 (5500)	102.2 (2595)	264.6 (6720)	241.4 (6130)	56.1 (1425)	79.3 (2015)	5/5	4800 (2150)	
	3F600	236 (6000)	112.1 (2850)	284.3 (7220)	261.1 (6630)	65.9 (1675)	89.1 (2265)	5/5	4100 (1850)	
	3F650	256 (6500)	121.9 (3095)	304.0 (7720)	280.8 (7130)	75.7 (1925)	99.0 (2515)	5/5	3500 (1600)	
	3F700	276 (7000)	131.7 (3345)	323.7 (8820)	300.4 (7630)	85.6 (2175)	108.8 (2765)	5/5	2800 (1250)	

## STANDARD EQUIPMENT

- 80 Volt, brushless AC drive, hydraulic and steering motors
- AC TECH motor controller system
- 3 pre-set performance modes (Economy, Power, High Power)
- 1 Manual (custom) performance mode
- Secure, PIN access to personalized performance settings
- 5-mode regenerative braking (including controlled rollback)
- Full suspension, fold down vinyl seat with weight adjustment, operator restraint, retractable seatbelt
- Multi-function LCD:
  - Hour meters (4), clock, calendar
  - Power mode display
  - Operator PIN security access
  - On-board diagnostics, self-test and coded service history
  - Programmable service reminders
  - Speedometer and F/N/R transmission reminder
  - Battery discharge indicator with lift interrupt
- Deck-mounted, hydraulic control levers (separate lift and tilt)
- Load sensing, on-demand AC controlled hydraulic power steering
- Flex-logic acceleration control
- Operator Presence System with seat-actuated lift-interrupt system, return to neutral, seatbelt and parking brake warning buzzers
- Auto-Power off system
- Audible back-up warning alarm
- Small diameter, infinitely adjustable steering wheel
- Overhead guard mounted headlights and rearview mirrors
- Rear combination light package (turn, stop, backup)
- Rear work light
- Five-piece overhead guard
- Hand-applied parking brake with warning buzzer
- Solid pneumatic tires
- Steering wheel knob

## OPTIONAL EQUIPMENT

- Integral or hang-on type sideshifters
- Fingertip control – single lift/tilt control lever or separate lift and tilt
- Auto-fork leveling
- Hydraulic accumulator in the lift system
- Steering synchronizer
- Lowered overhead guard (83.7")
- Polycarbonate overhead guard cover
- Strobe light
- Fire extinguisher
- Full suspension cloth seat
- Magnetic convenience box
- Freezer package (to -31° F / -35° C)
- Non-marking tires

## ERGONOMICS & COMFORT

The QX Series offers a variety of operator conveniences for greater comfort, including solid pneumatic tires to absorb vibration for a smoother ride over rough surfaces and a standard full suspension seat for enhanced shock absorption.

The seat has weight adjustment and operator restraint armrests. Adjustable tilt steering column allows more operator comfort. Compact front cowl offers generous leg and foot room. Low profile dashboard position provides excellent fork tip visibility, while still supplying ample headroom.

Our standard Operator Presence System includes Return-to-Neutral and Auto-Mast Lock, automatically preventing mast lift and tilt operations when the operator leaves the seat. Audible and visual warnings notify operator if seat belt is not engaged, or if parking brake is not applied before exiting truck. Other communications visible through the LCD meter panel include truck's travel speed, battery capacity, hour meter, time, calendar, and selected power setting.

On-demand, AC controlled hydraulic power steering reduces operator effort for easier maneuvering and less fatigue, while a load sensing valve prioritizes hydraulic fluid to truck's steering system when needed. Reduced height brake pedal improves the ease of operation. Hand-actuated parking brake is located on the cowl within easy reach. Automotive-style light and turn signal levers simplify repetitive actions for greater operator focus.

Separate lift and tilt lever, deck-mounted hydraulic controls are standard. Optional fingertip control lever design comes with an adjustable armrest. Optional feature is also available with UniCarriers' exclusive single lift/tilt design, resulting in enhanced ergonomics and improved productivity.

## EFFICIENCY & CONTROL

Compact steering wheel provides clear view of meter panel with visibility to warnings and indicators. A standard controlled rollback feature reduces the truck's descent when the accelerator is released while on a gradient.

The QX Series may be programmed with Personal Identification Number (PIN) codes to restrict unauthorized truck usage for greater fleet control. Each PIN provides access to one of five unique operating profiles. The QX includes three factory-programmed performance settings (Economy, Power, High Power) which can be modified to fit driver preferences, operating restrictions and/or load handling conditions. Economy mode offers extended run time. Power (standard) mode offers mid-range settings. High performance mode is intended for faster acceleration and travel, among the truck's other adjustable settings. Use the Manual mode to personalize up to 12 performance settings. All setting modifications must be made by a trained service technician.

A unique Flex-Logic acceleration control enables the truck to respond according to the speed with which the pedal is depressed, providing the driver with more accurate, precise acceleration. Can be adjusted to suit operating conditions. Maximum travel speed is also adjustable through the meter panel. Both settings can be adjusted by a trained service technician. Optional steering synchronizer includes sensor to monitor steering wheel and tire angle, adjusting steering wheel knob for precise turns.

## LOWER OPERATING COSTS

The QX Series features a higher voltage system which requires less amperage to reach peak performance, resulting in less potential for heat build-up, and longer component life.

Its 100% AC-powered motor and controller system, incorporates a single contactor for reduced maintenance. QX forklift includes AC pump motor to power its lift and steering system, so a separate steering motor is not required. Motor and controller system design greatly reduces or eliminates many serviceable parts (commutators, contactors and brushes), along with related inspection and replacement expenses. Its AC TECH controller includes a built-in test-equipment module with self-diagnostics and error code history logged by hour meter reading. Multi-function LCD panel includes on-board diagnostics with all troubleshooting completed through the instrument panel, for reduced service time. No additional handset tool is required.

Unique five-piece overhead guard simplifies replacement of individual components if necessary, saving time and money. Solid pneumatic tires are more resistant to wear or damage. Wide drive tires are standard on the 6,000-lb. capacity model and optional on smaller chassis models.



## EFFICIENT PERFORMANCE & GREATER UPTIME

Powerful 80 Volt motors offer an emissions-free alternative, by delivering fast travel speeds and similar performance and productivity compared to engine-powered trucks. Its wider stance and higher under-clearance make it suitable for rough ground or floor conditions, with a smaller turning radius to work in areas where a cushion tire truck is traditionally used.

The QX Series' free-floating drive axle with lateral mounted AC drive motors offer more power and quicker response. Drive motors are mounted under the floorboard, inside truck's frame, for added protection.

The QX Series is powered by 100% AC motor and controller system, featuring MOS-FET power inverters for DC to three phase AC power conversion. Thermal sensors help protect both motors and controller against overheating. Warning indicator will advise operator if overheating has occurred, followed by reduced travel and lift operations. Data is automatically locked into truck's service history to assist the technician.

Our AC TECH controller provides lower battery consumption and optimum operating efficiencies through regenerative braking, automatic deceleration, and on-demand power steering. Advanced regenerative braking technologies help reclaim energy using five efficient operations (switch-back/plugging, foot applied, neutral braking, controlled rollback and lift stopping), contributing to lower power consumption and longer operating hours. Regeneration also results in reduced heat generation and component wear, for long-term savings.

Adjustable auto-power off feature cuts power to the truck's electrical system if unit sits idle for a predetermined period of time.

## RUGGED & DURABLE

The QX Series' rugged, unitized frame design incorporates an integral hydraulic tank for enhanced heat dissipation, increased durability, and longer life.

Flat face mast design features rolled steel channels, large cross sections, and thick inner rails for greater capacity retention. Side thrust rollers on the fork carriage are easily accessed for simple carriage adjustment.



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