

MXST-MX Silver Series



3-Wheel/4-Wheel Electric Forklifts

48 & 80 Volt AC-Powered
1,600 - 3,500kg 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 MXST-MX excels.

Power: 48V & 80V AC Electric

Maneuverability: Engineered for strong performance and smooth maneuverability

Environment: Easily handles narrow indoor aisles and challenging outdoor conditions

Travel Distance: Typically shorter travel runs, but built for the long haul

Lift: Max fork height of 118" in.



TX-M Series In Your Application

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

- Food & Beverage
- Warehousing & Distribution
- Retail & Big Box
- Agriculture
- Logistics & 3PL

Silver: FORKLIFTS WITH ENTRY-LEVEL SIMPLICITY AND UNICARRIERS-LEVEL RELIABILITY

Our Silver line forklifts have everything you need to do the job, in a simple, straightforward package. Like all UniCarriers forklifts, their qualities include sturdy construction, easy maintenance, energy efficiency, robust performance, user-friendly design, and safety.

What's more, they're marked with the UniCarriers Forklift brand. This symbol of quality, dependability and performance gives total confidence. And, of course, they're backed by great service and support from our dealer network.

Lower Cost Of Ownership

- Li ion batteries deliver long service life, strong energy efficiency, and extended runtime, all without the upkeep of watering, swapping, or routine maintenance.
- Straightforward service access reduces downtime and keeps maintenance costs low.
- Durable construction supports dependable operation with fewer repairs or component replacements.
- Protective sealing shields critical systems from moisture related wear and damage.
- Front and rear super elastic tires provide long tread life and help absorb vibration to protect the truck and load.
- A cold store package (rated to -18°C) safeguards components and performance in low temperature applications.



Unmatched Productivity

- Li ion power supports rapid onboard charging, including opportunity charging, eliminating the need for battery changes and keeping the truck available throughout the shift.
- Super elastic tires maintain consistent performance even on uneven or imperfect floor surfaces.

- An optional fork positioner with integrated side shift increases versatility and speeds up handling of varied pallet sizes.
- A standard hook on side shift improves load placement accuracy and reduces maneuvering time.

- Available simplex and triplex mast options allow you to match lift height and clearance needs, simplex for basic lifting, triplex for higher racking or low overhead environments.

- Optional higher travel and lift speeds enhance throughput in busy operations.



Safety:

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

The Silver line counterbalance trucks are equally at home in warehouse aisles or weatherbeaten yards. This flexibility reduces your fleet needs and investment. Choose from three or four wheels, 48 or 80V battery power, and capacities from 1.6 to 3.5 tonnes. Whatever best fits your application.

- Traditional hydraulic levers and familiar control placement make the truck intuitive for operators with minimal training.
- Optional fingertip hydraulic controls and electronic direction selection offer precise, low effort operation.

- A rear blue spot light projects onto the floor to alert pedestrians when the truck is reversing.
- A strobe beacon increases visibility in dim, outdoor, or high traffic areas.
- Reverse warning buzzer provides an audible alert to help make nearby personnel aware of the truck's movement.
- Rear-view mirror improves rearward visibility and helps operators stay aware of surrounding activity.



- Li-ion technology avoids the acid leaks and charging fumes common with traditional lead-acid batteries.



Comfort:

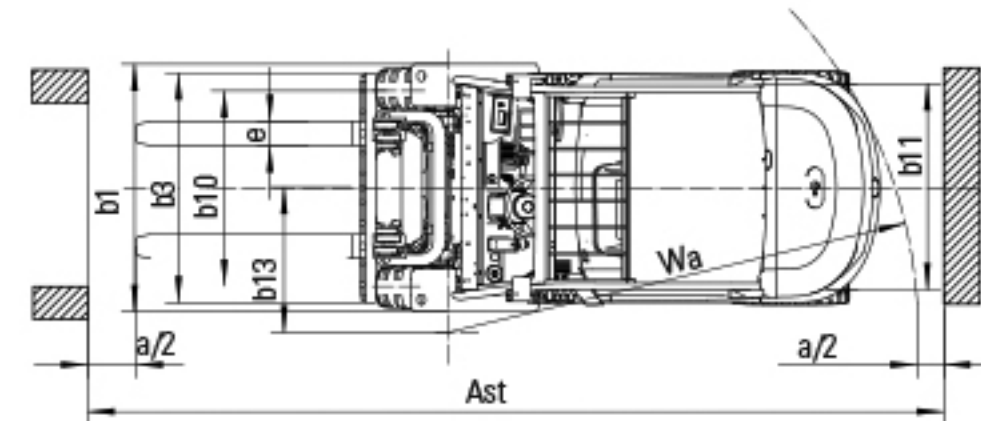
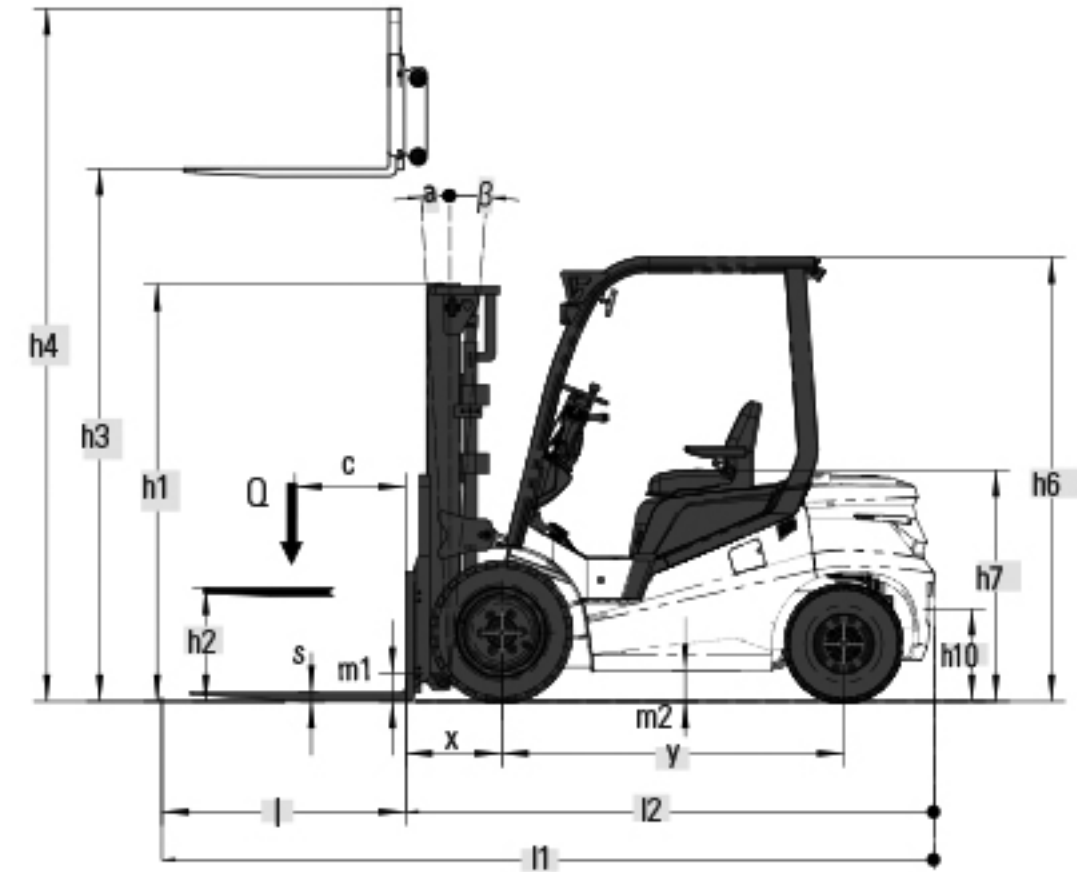
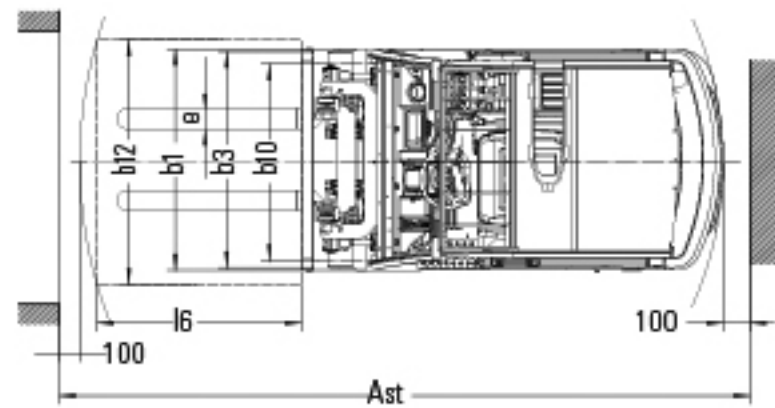
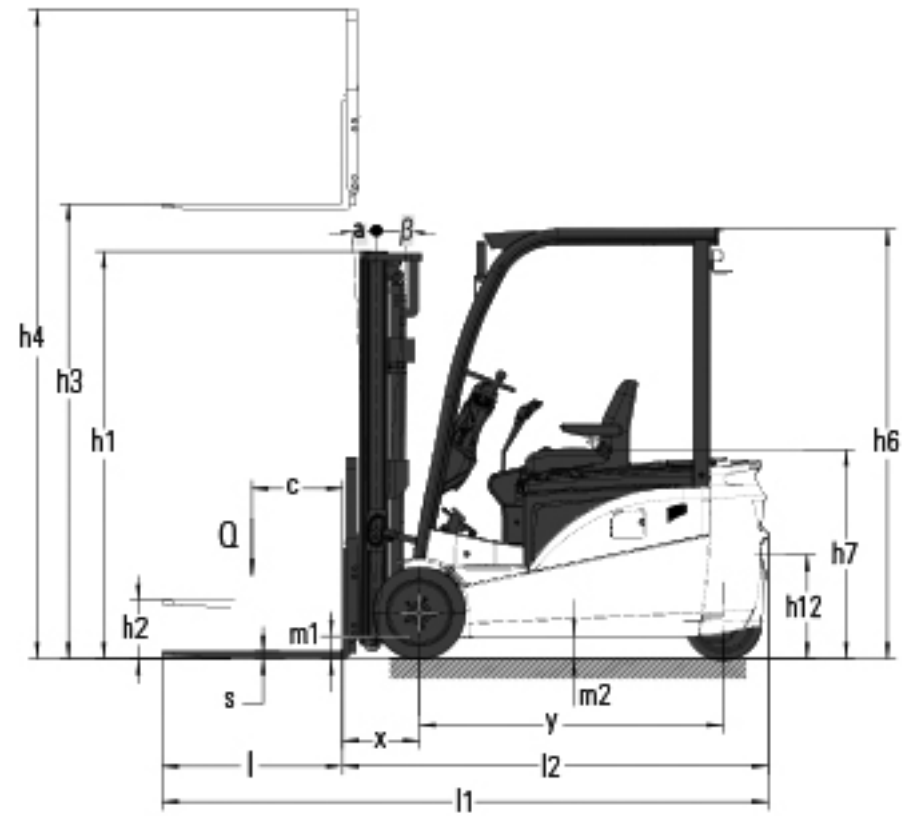
YOUR OPERATOR SHOULD BE AS PRODUCTIVE AT THE END OF THE SHIFT AS AT THE BEGINNING.

- A suspension seat minimizes vibration and helps operators stay comfortable throughout the shift.
- An upgraded luxury seat option enhances posture support and reduces fatigue during long operating periods.
- A spacious operator compartment gives drivers room to move and operate comfortably.
- Super elastic tires help reduce transmitted vibration for a smoother ride.
- An optional front windshield with wiper ensures clear visibility in dusty or wet conditions.



Specifications

Characteristics				MXST16-SL		MXST20-SL		MX25-SL		MX30-SL		MX35-SL						
Characteristics	1.3	Drive: (battery, diesel, LPG, petrol)		Battery		Battery		Battery		Battery		Battery						
	1.4	Operator type		Seated		Seated		Seated		Seated		Seated						
	1.5	Load capacity	Q	lb	kg	3,527	1,600	4,409	2,000	5,512	2,500	6,614	3,000	7,716	3,500			
	1.6	Load centre distance	c	in	mm	19.7	500	19.7	500	19.7	500	19.7	500	23.6	600			
	1.8	Load distance, axle to fork face	x	in	mm	14.6	372	14.8	377	18.6	473	18.8	478	18.8	483			
1.9	Wheelbase	y	in	mm	53.5	1,360	58.7	1,490	64.2	1,630	66.9	1,700	69.3	1,760				
Weight	2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		lb	kg	6,834	3,100	7,760	3,520	8,378	3,800	9,436	4,280	10,780	4,890			
	2.2	Axle loading with maximum load, front / rear (simplex mast, lowest lift height)		lb	kg	9,215 / 1,146	4,180 / 520	10,825 / 1,345	4,910/610	12,478 / 1,411	5,660 / 640	14,395 / 1,653	6,530 / 750	17,216 / 1,940	7,810 / 880			
	2.3	Axle loading without load, front / rear (simplex mast, lowest lift height)		lb	kg	3,285 / 3,550	1,490/1,610	3,748 / 4,012	1,700/1,820	3,571 / 4,806	1,620 / 2,180	4,542 / 4,894	2,060 / 2,220	4,145 / 6,636	1,880 / 3,010			
Wheels, Drive Train	3.1	Tyres: V = solid, L = pneumatic, SE = solid pneumatic - front / rear		Super elastic		Super elastic		Super elastic		Super elastic		Super elastic						
	3.2	Tyre dimensions, front		18x7-8		200/50-10		7.00-12-12PR		28-9-15-14PR		28-9-15-14PR						
	3.3	Tyre dimensions, rear		15x4.5/-8		15x4.5/-8		18x7-8-14PR		6.50-10-10PR		6.50-10-10PR						
	3.5	Number of wheels, front / rear (x = driven)		2x/2		2x/2		2x/2		2x/2		2x/2						
	3.6	Track width (center of tires), front	b10	in	mm	35.5	902	35.5	902	38.3	973	39.5	1,004	39.5	1,004			
3.7	Track width (center of tires), rear	b11	in	mm	7.4	187	7.4	187	37.8	960	38.7	982	38.7	982				
Dimensions	4.1	Mast tilt, forwards / backwards		∂ / β°		5/7		5/7		6/10		6/10		6/10				
	4.2	Height with mast lowered	h1	in	mm	78.5	1,995	78.5	1,995	81.5	2,070	81.5	2,070	86	2,185			
	4.3	Free lift	h2	in	mm	4.9	125	4.9	125	5.3	135	5.5	140	5.7	145			
	4.4	Lift height	h3	in	mm	118.1	3,000	118.1	3,000	118.1	3,000	118.1	3,000	118.1	3,000			
	4.5	Overall height with mast raised	h4	in	mm	155.7	3,955	155.7	3,955	156.4	3,974	160.6	4,079	160.6	4,079			
	4.7	Height to top of overhead guard	h6	in	mm	82.7	2,100	82.7	2,100	86.6	2,200	86.6	2,200	86.6	2,200			
	4.8	Seat height	h7	in	mm	39.6	1,005	39.6	1,005	42.9	1,090	44.5	1,130	44.5	1,130			
	4.12	Tow coupling height	h10	in	mm	18.3	465	18.3	465	4.12	18.5	470	22.8	580	22.8	580		
	4.19	Overall length	l1	in	mm	113	2,870	124.2	3,155	4.19	139.4	3,540	145.2	3,688	150.3	3,818		
	4.20	Length to fork face (includes fork thickness)	l2	in	mm	76.8	1,950	82.1	2,085	4.20	97.2	2,470	103.1	2,618	108.2	2,748		
	4.21	Overall width	b1 / b2	in	mm	42.7	1,084	42.7	1,084	4.21	45.3	1,150	48.4	1,230	48.4	1,230		
	4.22	Fork dimensions (thickness, width, length)	s / e / l	in	mm	1.4 / 3.9 / 45.3	35/100/1,150	1.6 / 3.9 / 45.3	40/100/1,150	4.22	in	mm	1.6 / 4.8 / 45.3	40/122/1,150	1.8 / 4.9 / 45.3	45/125/1,150	2.0 / 4.9 / 45.3	50/125/1,150
	4.24	Fork carriage width	b3	in	mm	40.9	1,040	40.9	1,040	4.24	in	mm	40.9	1,040	43.3	1,100	43.3	1,100
	4.31	Ground clearance under mast, with load	m1	in	mm	4.1	105	4.1	105	4.31	in	mm	5.3	135	5.5	140	5.7	145
	4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	in	mm	4.1	105	4.1	105	4.32	in	mm	5.9	150	5.9	150	5.9	150
4.33	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	in	mm	128.6	3,268	134	3,403	4.33	in	mm	153.7	3,903	159	4,039	163.5	4,153	
4.35	Turning circle radius	Wa	in	mm	61.8	1,570	66.9	1,700	4.35	in	mm	87.8	2,230	92.9	2,360	97.2	2,470	
Performance	5.1	Travel speed, with / without load	mph	km/h	8.7 / 9.3	14/15	8.1 / 9.3	13/15	5.1	mph	km/h	8.7 / 9.3	14 / 15	8.7 / 9.3	14 / 15	8.1 / 8.7	13 / 14	
	5.2	Lifting speed, with / without load	fpm	m/s	63 / 83	0.32/0.42	59 / 83	0.30/0.42	5.2	fpm	m/s	59 / 79	0.3 / 0.4	59 / 79	0.3 / 0.4	55 / 75	0.28 / 0.38	
	5.3	Lowering speed, with / without load	fpm	m/s	<118	<0.6	<118	<0.6	5.3	fpm	m/s	<118	<0.6	<118	<0.6	<118	<0.6	
	5.5	Maximum drawbar pull, with / without load	lbf	N	1,911 / 1,753	8,500 / 7,800	1,979 / 1,798	8,800 / 8,000	5.5	lbf	N	2,922 / 3,147	13,000 / 14,000	3,147 / 3,372	14,000 / 15,000	3,147 / 3,372	14,000 / 15,000	
	5.8	Maximum gradeability with / without load			15/20		13/18		5.8			15/15		15/15		15/15		
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Hydraulic		Hydraulic		5.10			Hydraulic		Hydraulic		Hydraulic			
Electric Motor	6.1	Drive motor capacity (60 min. short duty)			4.5 x 2		4.5 x 2		6.1			16		16		16		
	6.2	Lift motor output at 15% duty factor			8.6		8.6		6.2			16		16		16		
	6.3	Battery to DIN 43 531 / 35 / 36 A / B / C / no			Li-on		Li-on		6.3			Li-on		Li-on		Li-on		
	6.4	Battery voltage, nominal capacity	V/Ah		51.2 / 206		51.2 / 206		6.4	V/Ah		76.8/206		76.8/206		76.8/277		
	6.6	Energy consumption according to DIN EN 16796	kWh/h		4.26		4.76		6.6	kWh/h		6.43		7.01		7.78		
	8.1	Type of drive control			AC		AC		8.1			AC		AC		AC		
Miscellaneous	10.1	Maximum operating pressure for attachments	Mpa		17.5		17.5		10.1	bar		17.5		17.5		17.5		
	10.2	Oil flow for attachments	l/min		36		36		10.2	l/min		36		36		36		
	10.7	Noise level, value at operator's ear (EN 12053)	dB(A)		73		73		10.7	dB(A)		74		74		74		



This specification sheet only provides technical values for the standard truck. Non-standard tires, different masts, additional equipment, etc., could produce other values. Rights reserved for technical changes and improvements.

Equipping 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.



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