

MX FORKLIFTS

MX15B/16B3/20B/25B/30B/50B

ELECTRIC FORKLIFT

Sustainable Material Handling

POWER MEETS PRECISION

machinexheavy.com



MACHINEX

About MachineX Electric Forklifts

MachineX is a leading manufacturer of material handling equipment, specialized in innovative electric forklifts designed for modern logistics operations. Our forklifts combines power, precision, and sustainability.



Warehousing

Perfect for storage and distribution centers



Manufacturing

Ideal for production facilities and assembly lines



Cold Storage

Robust performance in cold conditions



Data Center

Efficient solution for material handling

Type	No.	Item	Unit	Data					
Identification	1.01	Manufacturer		MachineX					
	1.02	Model		MX15B	MX16B3	MX20B	MX25B	MX30B	MX50B
	1.03	Power type		Electric (AC)					
	1.04	Rated capacity	kg	1500	1600	2000	2500	3000	5000
	1.05	Load center	mm	500	500	500	500	500	500
	2.01	STD Max height (with backrest)	mm	4030	4028	4042	4042	4210	4066
	2.02	STD Max lifting height	mm	3000	3000	3000	3000	3000	3000
	2.03	Overhead guard height	mm	2140	2044	2148	2148	2201	2353
	2.04	Overall length (with fork)	mm	2982	2875	3310	3320	3550	4057
	2.05	Wheelbase	mm	1380	1400	1550	1550	1685	2000
	2.06	Front overhang	mm	392	365	434	434	488	545
	2.07	Rear overhang	mm	290	190	300	310	308	460
	2.08	Min.ground clearance (Frame/Mast)	mm	90/95	85/105	115/110	115/110	125/135	150/175
	2.09	Overall width	mm	1086	1060	1185	1185	1238	1479
Dimensions	2.1	Adjusting range of fork (outside)	mm	200-970	200-970	240-1040	240-1040	250-1100	305-1335
	2.11	STD Fork size (L5*W*T)	mm	920×100×35		1070×120×40			1070×150×55
	2.12	Front wheel tread	mm	910	910	960	960	1000	1228
	2.13	Rear wheel tread	mm	920	175	950	950	950	1130
	2.14	Min.turning radius	mm	1800	1590	2000	2020	2210	2730
	2.15	Min aisle width for pallet 1000×1200,crossways	mm	3409	3280	3635	3655	3968	4545
	2.16	Min aisle width for pallet 800×1200,lengthways	mm	3591	3400	3738	3758	4098	4675
	3.01	Wheels number, front/rear (X=driven wheels)		X=2/2	X=2/1	X=2/2			
	3.02	Tires type		Pneumatic	Solid Tyres	Pneumatic			Solid Tyres
	3.03	Tires size, front		6.00-9-10PR	18x7-8	23×9-10-16PR		28×9-15-14PR	250-15/7.5
	3.04	Tires size, rear		16×6-8-10PR	15x4.5-8	18×7-8-14PR		18×7-8-14PR	21x8-9
Tires	4.01	Max.traveling speed, loaded/unloaded (STD)	km/h	13-12	13.5/13.5	13-12		13-12	14/14.5
		Max.traveling speed, loaded/unloaded (High)		13-12		13-12		15.5/15	
		Max.traveling speed, loaded/unloaded (Li-ion)		15/14		15/14		15.5/15	
	4.02	Max.lifting speed, loaded/unloaded (STD)	mm/s	500/350	300/440	430/300	430/300	400/240	250/400
		Max.lifting speed, loaded/unloaded (High)		500/350		430/300	430/300	460/340	
		Max.lifting speed, loaded/unloaded (Li-ion)		500/350		430/300	430/300	460/340	
	4.03	Lowering speed, loaded/unloaded	mm/s	Loaded≤600/Unloaded≥300					
	4.04	Max.gradient, loaded (STD)	%	15	20/20	15	15	13	15
		Max.gradient, loaded (High/Li-ion)		20		20	20	15	
		STD operating weight (with oil & water)		3050	3180	3950	4100	4740	6690
	4.06	Axles loading,front/rear (loaded)	kg	4008/542	4300/620	5152/798	6000/600	7190/550	10630/1135
	4.07	Axles loading,front/rear (unloaded)	kg	1555/1495	1600/1600	1936/2014	2000/2100	2380/2360	2945/3745
	4.08	Drive motor (STD)	kw	8.2	5.4x2	11.5		11	18
		Drive motor (High/Li-ion)		8.2		11.5	11.5	16.6	
		Lift motor (STD)		10.6	11	15	15	15	25.4
	4.09	Lift motor (High/Li-ion)	kw	10.6		15	15	13.5	
	4.1	Controller		Inmotion	Inmotion	Inmotion	Inmotion	Inmotion	Inmotion
Other Details	4.11	Lead-acid Battery votage/capacity	V/Ah	48/420	48/600	48/600		48/700-80/480 (High)	
		Li-ion Battery votage/capacity		80/205		80/280		80/300	80/410



Performance Highlights



Max Speed

Up to 15.5 km/h loaded/unloaded



Max Gradient

Up to 20% (Li-ion)



Motors

Advanced drive and lift motors



Battery Options

Lead-acid and Lithium-ion available

Ready to Transform Your Material Handling?

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