

3-Wheel Sit Down Forklifts

36 / 48 Volt AC-Powered

3,000 / 3,500 / 4,000 lbs. Capacities | Cushion Tire



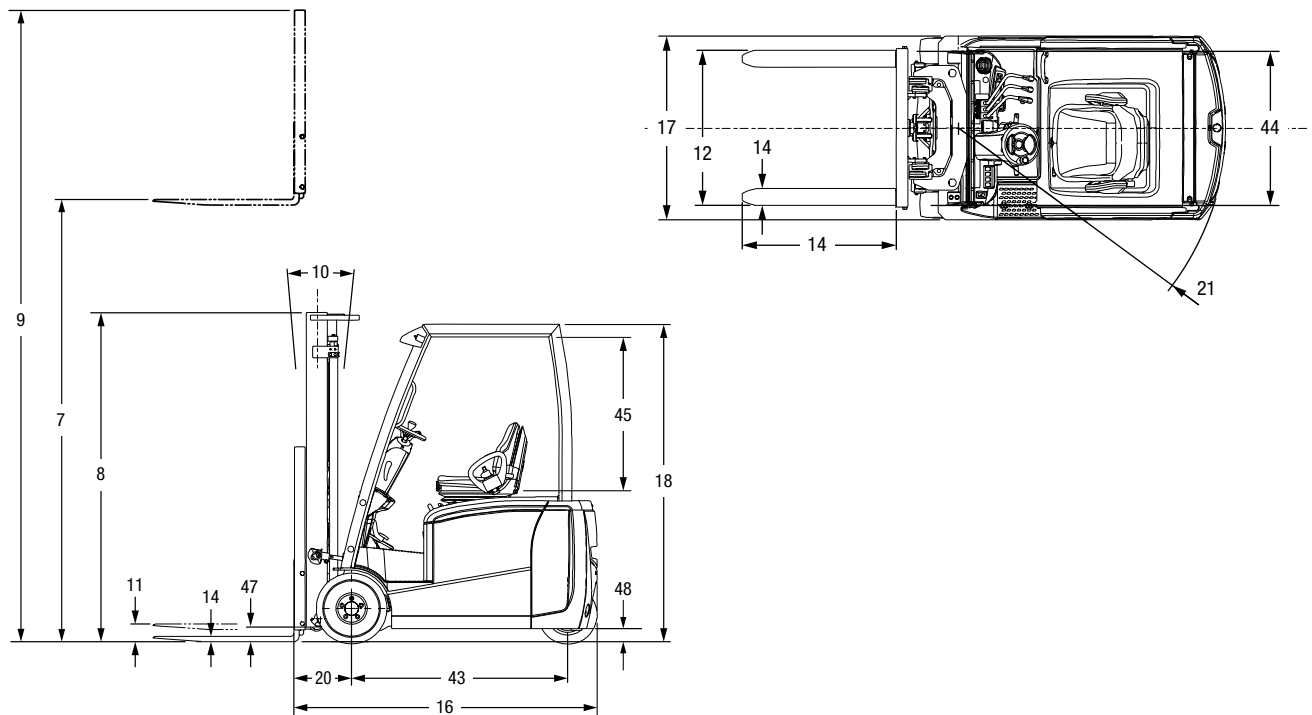
MAIN TRUCK SPECIFICATIONS						
CHARACTERISTICS	1	Model	Model designation	TX30M	TX35M	TX40M
	2	Rated Load Capacity	At 24" (600mm) load center	3000 (1350)	3500 (1550)	4000 (1800)
	3	Power Type	Electric	36 / 48	36 / 48	36 / 48
	4	Operator Orientation		Sit Down	Sit Down	Sit Down
	5	Tire Type	Front & rear	Cushion	Cushion	Cushion
	6	Wheels	Number front / rear (x=driven)	2x / 2	2x / 2	2x / 2
DIMENSIONS	7	Mast	Maximum fork height (MFH)	130 (3300)	130 (3300)	130 (3300)
	8		Mast height lowered (OHL)	84.0 (2135)	84.0 (2135)	84.0 (2135)
	9		Mast height extended with LBR	178.0 (4525)	178.0 (4525)	178.0 (4525)
	10		Mast tilt - fwd/back	5°F / 7.5°B	5°F / 7.5°B	5°F / 7.5°B
	11		Standard freelif	3.0 (75)	3.0 (75)	3.0 (75)
	12		Standard carriage width	37 (940)	37 (940)	37 (940)
	13		Fork carriage Class (ANSI B56.11.4)	ITA Class II	ITA Class II	ITA Class II
	14	Forks	Length x thickness x width	42 x 1.4 x 3.9 (1070 x 35 x 100)		42 x 1.6 x 3.9 (1070 x 40 x 100)
	15		Fork spread-min. / max. outside width	9.5 / 36.2 (240 / 920)	9.5 / 36.2 (240 / 920)	9.5 / 36.2 (240 / 920)
	16	Overall Dimensions	Length (to face of forks)	72.8 (1850)	77.1 (1960)	78.1 (1985)
	17		Width (standard tires)	42.9 (1095)	42.9 (1095)	42.9 (1095)
	18		Height - top of OHG	80.7 (2055)	80.7 (2055)	80.7 (2055)
	19	Grade Clearance Angle	Approach / breakover / departure	23.9 / 8.5 / 90.0	23.9 / 7.8 / 90.0	23.9 / 7.8 / 90.0
	20	Front Overhang	Long distance, axle to fork face	14.7 (375)	14.7 (375)	15.3 (390)
PERFORMANCE	21	Turning Radius	Minimum outside	58.1 (1480)	62.4 (1590)	62.8 (1600)
	22	Min Right Angle Stack	Add load length & clearance	72.8 (1855)	77.1 (1965)	78.1 (1990)
	23	Speeds Maximum	Travel - loaded	10.0 (15)	10.0 (15)	10.0 (15)
	24		Travel - unloaded	10.0 (15)	10.0 (15)	10.0 (15)
	25		Lift - loaded (36V)	78.7 (400)	68.9 (350)	66.9 (340)
	26		Lift - unloaded (36V)	110.2 (560)	110.2 (560)	110.2 (560)
	27		Lift - loaded (48V)	98.4 (500)	86.6 (440)	78.7 (400)
	28		Lift - unloaded (48V)	118.1 (600)	118.1 (600)	118.1 (600)
	29		Lowering - loaded	102.4 (520)	102.4 (520)	102.4 (520)
	30		Lowering - unloaded	98.4 (500)	98.4 (500)	98.4 (500)
	31	Drawbar Pull Maximum	5-minute rating - unloaded [36v]	2068 (9200)	2059 (9160)	2046 (9100)
	32		5-minute rating - unloaded [48v]	2857 (12710)	2851 (12680)	2835 (12610)
	33	Gradeability Maximum	Loaded - 1 mph (1.6 km/h) [36v]	13	12	11
	34		Loaded - 1 mph (1.6 km/h) [48v]	27	25	23
WEIGHT	35		Unloaded [36v]	30	28	26
	36		Unloaded [48v]	35	35	35
	37	Truck Weight	Empty, min. battery	6826 (3095)	7171 (3255)	7756 (3520)
	38	Weight Distribution	Front axle - empty, min. battery	3313 (1505)	3462 (1570)	3553 (1610)
	39		Rear axle - empty, min. battery	3514 (1595)	3709 (1680)	4203 (1905)
CHASSIS & WHEELS	40		Front axle - full, min. battery	8743 (3965)	9433 (4280)	10370 (4705)
	41		Rear axle - full, min. battery	1083 (490)	1239 (560)	1386 (630)
	42	Tire Size	Front / rear (cushion tires)	18 x 7 - 12.125 / 15 x 5 x 11.25		
	43	Wheelbase		50.6 (1285)	54.9 (1395)	54.9 (1395)
	44	Thread - Center of Tire	Front / rear (cushion tires)	35.9 / 6.9 (912 / 174)	35.9 / 6.9 (912 / 174)	35.9 / 6.9 (912 / 174)
MOTORS	45	Headroom	SIP to bottom of OHG	38.0 (965)	38.0 (965)	38.0 (965)
	46	Step Height		18.0 (455)	18.0 (455)	18.0 (455)
	47	Ground Clearance	Under mast	3.7 (95)	3.7 (95)	3.7 (95)
	48		Under frame, center of wheelbase	3.3 (85)	3.3 (85)	3.3 (85)
	49	Service Brake	Type	Mechanical / Hydraulic	Mechanical / Hydraulic	Mechanical / Hydraulic
BATTERY	50	Parking Brake	Type	Electric	Electric	Electric
	51	Motor Controllers	Controller type	AC Transistor	AC Transistor	AC Transistor
	52	Traction Motor	Rating x # of motors (60 min. rating)	6.0 x 2 (4.5 x 2)	6.0 x 2 (4.5 x 2)	6.0 x 2 (4.5 x 2)
	53	Pump Motor	Rating (15% rating)	15.4 (10)	15.4 (10)	15.4 (10)
	54	Maximum Battery Size	"X" - Maximum	39.6 / (1005)	39.6 / (1005)	39.6 / (1005)
	55		"Y" - Maximum	20.8 (525)	25.1 (635)	25.1 (635)
	56		"Z" - Maximum	24.8 (630)	24.8 (630)	24.8 (630)
	57		Capacity at 6 hr. discharge rate (36v)	880 (31.7)	1100 (39.6)	1100 (39.6)
	58		Capacity at 6 hr. discharge rate (48v)	660 (31.7)	770 (37.0)	770 (37.0)
	59	Weight	Minimum	1910 (865)	2200 (1000)	2200 (1000)
	60		Maximum	2400 (1090)	2700 (1225)	2700 (1225)
	61	Lead Length	Position B, SB-350 gray connector	20.0 (510)	20.0 (510)	20.0 (510)
	62	Battery Floor Height	Without rollers / with optional rollers	8.1 (205)	8.1 (205)	8.1 (205)
	63	Attachment	Max. operating hydraulic pressure	2625 (18.1)	2625 (18.1)	2625 (18.1)

MAST SPECIFICATIONS & RATED CAPACITIES

	Maximum Fork Height	Overall Height			Free Lift		Tilt Angle	Rated Capacity at 24" Load Center*				
		Lowered	Fully Extended		FL			Cushion Tire				
		MFH	OHL	With LBR	Without LBR	With LBR		Without LBR	F / R	TX30M	TX35M	TX40M
		in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		in (mm)	degrees	lb (kg)	lb (kg)	lb (kg)
SIMPLEX (Wide View)	78.0 (1980)	59.0 (1500)	126.0 (3205)	103.0 (2620)	3.0 (75)	3.0 (75)	5 / 5	3000 (1350)	3500 (1550)	4000 (1800)		
	100.0 (2535)	70.0 (1780)	148.0 (3760)	125.0 (3180)	3.0 (75)	3.0 (75)	5 / 5	3000 (1350)	3500 (1550)	4000 (1800)		
	108.0 (2740)	74.0 (1885)	156.0 (3965)	133.0 (3380)	3.0 (75)	3.0 (75)	5 / 7.5	3000 (1350)	3500 (1550)	4000 (1800)		
	118.0 (2995)	78.0 (1985)	166.0 (4220)	143.0 (3635)	3.0 (75)	3.0 (75)	5 / 7.5	3000 (1350)	3500 (1550)	4000 (1800)		
	130.0 (3300)	84.0 (2135)	178.0 (4525)	155.0 (3940)	3.0 (75)	3.0 (75)	5 / 7.5	3000 (1350)	3500 (1550)	4000 (1800)		
	138.0 (3500)	89.0 (2265)	186.0 (4725)	163.0 (4145)	3.0 (75)	3.0 (75)	5 / 7.5	3000 (1350)	3500 (1550)	4000 (1800)		
	146.0 (3705)	94.0 (2390)	194.0 (4930)	171.0 (4345)	3.0 (75)	3.0 (75)	5 / 7.5	3000 (1350)	3500 (1550)	4000 (1800)		
	161.0 (4085)	102.0 (2595)	209.0 (5310)	186.0 (4725)	3.0 (75)	3.0 (75)	5 / 7.5	3000 (1350)	3500 (1550)	4000 (1800)		
	176.0 (4465)	110.0 (2795)	224.0 (5695)	201.0 (5110)	3.0 (75)	3.0 (75)	5 / 5	3000 (1350)	3500 (1550)	4000 (1800)		
	196.0 (4975)	120.0 (3050)	244.0 (6200)	221.0 (5615)	3.0 (75)	3.0 (75)	5 / 5	2950 (1300)	3400 (1550)	3850 (1700)		
	216.0 (5485)	130.0 (3305)	264.0 (6710)	241.0 (6125)	3.0 (75)	3.0 (75)	5 / 3.5	2800 (1275)	3250 (1450)	3500 (1550)		
	236.0 (5990)	140.0 (3560)	284.0 (7215)	261.0 (6630)	3.0 (75)	3.0 (75)	5 / 3.5	2550 (1175)	2825 (1250)	3000 (1350)		
DUPLEX (Full Free)	110.0 (2790)	75.0 (1910)	158.0 (4015)	135.0 (3430)	24.0 (605)	49.0 (1240)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	118.0 (2995)	78.0 (1985)	166.0 (4220)	143.0 (3635)	28.0 (710)	53.0 (1345)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	130.0 (3300)	84.0 (2135)	178.0 (4525)	155.0 (3940)	34.0 (860)	59.0 (1495)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	138.0 (3500)	89.0 (2265)	186.0 (4725)	163.0 (4145)	38.0 (960)	63.0 (1595)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	145.0 (3680)	94.0 (2390)	193.0 (4905)	170.0 (4320)	44.0 (1115)	69.0 (1750)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	158.0 (4010)	102.0 (2595)	206.0 (5235)	183.0 (4650)	51.0 (1290)	76.0 (1925)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
TRIPLEX (Full Free)	146.0 (3705)	71.0 (2370)	194.0 (4930)	171.0 (4345)	20.0 (505)	45.0 (1140)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	157.0 (3985)	75.0 (2555)	205.0 (5210)	182.0 (4625)	24.0 (605)	49.0 (1240)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	170.0 (4315)	78.0 (2810)	218.0 (5540)	195.0 (4955)	28.0 (710)	53.0 (1345)	5 / 6	3000 (1350)	3500 (1550)	4000 (1800)		
	187.0 (4745)	84.0 (3055)	235.0 (5970)	212.0 (5390)	34.0 (860)	59.0 (1495)	5 / 6	3000 (1350)	3500 (1550)	3950 (1750)		
	200.0 (5075)	89.0 (2265)	248.0 (6300)	225.0 (5720)	38.0 (960)	63.0 (1595)	5 / 3.5	2900 (1300)	3450 (1550)	3850 (1700)		
	216.0 (5485)	94.0 (2390)	264.0 (6710)	241.0 (6125)	44.0 (1115)	69.0 (1750)	5 / 3.5	2800 (1250)	3250 (1450)	3525 (1550)		
	235.0 (5965)	102.0 (2595)	283.0 (7190)	260.0 (6605)	51.0 (1290)	76.0 (1925)	5 / 3.5	2500 (1150)	2800 (1250)	3075 (1375)		
	255.0 (6475)	112.0 (2850)	303.0 (7700)	280.0 (7115)	61.0 (1545)	86.0 (2180)	5 / 3.5	2100 (975)	2400 (1070)	2600 (1150)		
	275.0 (6980)	120.0 (3050)	323.0 (8205)	300.0 (7625)	69.0 (1750)	94.0 (2385)	5 / 3.5	1700 (800)	1950 (850)	2075 (900)		
	QUAD (Full Free)	222.5 (5650)	78.5 (1995)	270.5 (6875)	247.5 (6290)	53.0 (1345)	75.0 (1900)	5 / 3.5	Consult Factory			
240.5 (6105)		83.0 (2110)	288.5 (7330)	265.5 (6745)	57.0 (1445)	79.0 (2005)	5 / 3.5					
258.5 (6565)		89.0 (2265)	306.5 (7790)	283.5 (7205)	63.0 (1595)	85.0 (2155)	5 / 3.5					

*Capacities based on cushion tire. Consult factory for capacity information for solid pneumatic tires.

DIMENSIONS



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