



B30X-5

Mast Type	Maximum Fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									With Load Backrest		With Load Backrest		B30X-5		Pneumatic Tire		Solid Tire	
													Tilt Angle		LC500 mm	LC24 in	LC500 mm	LC24 in
	in	mm	in	mm	in	mm	in	mm	deg	deg	kg	lb	kg	lb				
STD	71	1800	61	1560	120	3050	6	152	6	9	3000	6000	3000	6000				
	93	2350	72	1835	142	3600	6	152	6	9	3000	6000	3000	6000				
	107	2720	80	2020	156	3970	6	152	6	9	3000	6000	3000	6000				
	118	3000	85	2160	167	4250	6	152	6	9	3000	6000	3000	6000				
	138	3495	95	2410	187	4750	6	152	6	9	3000	6000	3000	6000				
	144	3655	101	2560	193	4905	6	152	6	9	3000	6000	3000	6000				
	150	3805	104	2635	199	5055	6	152	6	9	3000	6000	3000	6000				
	166	4205	112	2835	215	5455	6	152	6	9	2950	6000	2975	6000				
FF	93	2350	72	1835	142	3600	25	635	6	9	3000	6000	3000	6000				
	107	2720	80	2020	156	3970	32	820	6	9	3000	6000	3000	6000				
	118	3000	85	2160	167	4250	38	960	6	9	3000	6000	3000	6000				
	138	3495	95	2410	187	4745	48	1210	6	9	3000	6000	3000	6000				
FFT	140	3555	74	1885	189	4805	27	685	6	9	2900	6000	2900	6000				
	156	3960	80	2020	205	5210	32	820	6	9	2900	6000	2900	6000				
	172	4380	85	2160	222	5630	38	960	6	9	2850	5800	2875	5850				
	190	4820	92	2330	239	6070	44	1130	6	5	2300	5100	2700	5500				
	205	5205	99	2510	254	6455	52	1310	6	5	1775	3950	2600	5300				

B35X-5

Mast Type	Maximum Fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									With Load Backrest		With Load Backrest		B35X-5		Pneumatic Tire		Solid Tire	
													Tilt Angle		LC500 mm	LC24 in	LC500 mm	LC24 in
	in	mm	in	mm	in	mm	in	mm	deg	deg	kg	lb	kg	lb				
STD	71	1800	61	1560	120	3050	6	152	6	9	3500	7000	3500	7000				
	93	2350	72	1835	142	3600	6	152	6	9	3500	7000	3500	7000				
	107	2720	80	2020	156	3970	6	152	6	9	3500	7000	3500	7000				
	118	3000	85	2160	167	4250	6	152	6	9	3500	7000	3500	7000				
	138	3495	95	2410	187	4750	6	152	6	9	3500	7000	3500	7000				
	144	3655	101	2560	193	4905	6	152	6	9	3500	7000	3500	7000				
	150	3805	104	2635	199	5055	6	152	6	9	3500	7000	3500	7000				
	166	4205	112	2835	215	5455	6	152	6	9	3500	7000	3500	7000				
FF	93	2350	72	1835	142	3600	25	635	6	9	3500	7000	3500	7000				
	107	2720	80	2020	156	3970	32	820	6	9	3500	7000	3500	7000				
	118	3000	85	2160	167	4250	38	960	6	9	3500	7000	3500	7000				
	138	3495	95	2410	187	4745	48	1210	6	9	3500	7000	3500	7000				
FFT	140	3555	74	1885	189	4805	27	685	6	9	3400	7000	3400	7000				
	156	3960	80	2020	205	5210	32	820	6	9	3400	7000	3400	7000				
	172	4380	85	2160	222	5630	38	960	6	9	3300	7000	3400	7000				
	190	4820	92	2330	239	6070	44	1130	6	5	3175	6850	3400	6950				
	205	5205	99	2510	254	6455	52	1310	6	5	2575	5700	3300	6750				

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AUTHORIZED DEALER

Product and specifications are subject to improvement and change without notice.



TECHNICAL SPECIFICATIONS

B22X/B25X/B30X/B35X-5

4 Wheel Electric Forklift Trucks
 4,500lb to 7,000lb capacity





4,500/5,000/6,000/7,000 lb Capacities

4 Wheel Electric Forklift Trucks

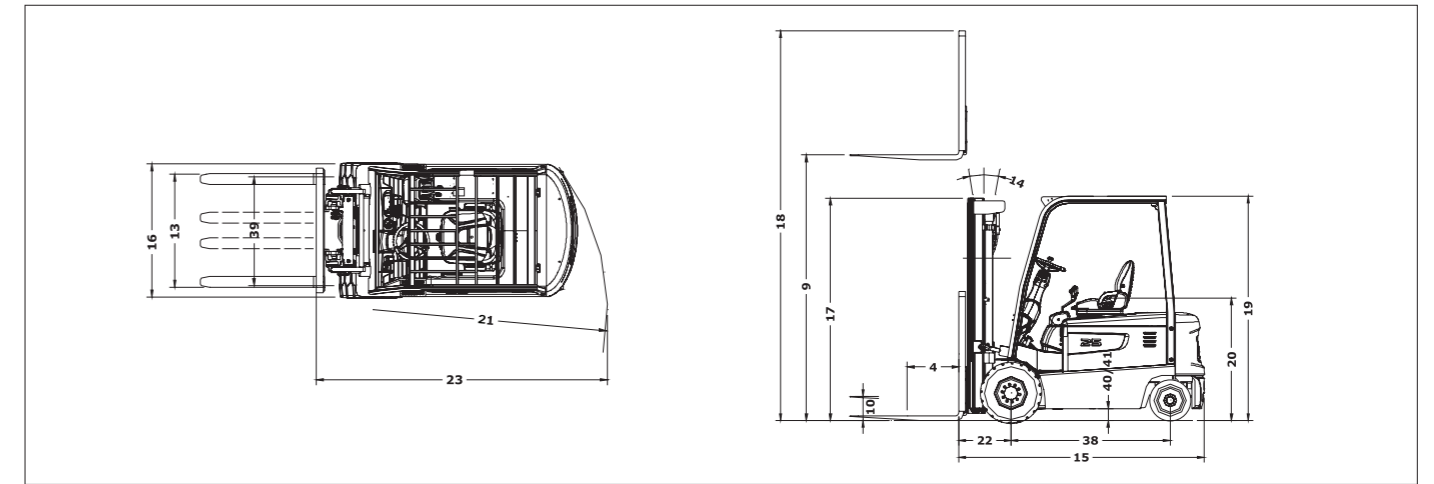
Pneumatic Models, 80V-AC

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS			DOOSAN	DOOSAN	DOOSAN	DOOSAN		
			B22X-5	B25X-5	B30X-5	B35X-5		
1	Manufacturer		DOOSAN	DOOSAN	DOOSAN	DOOSAN		
2	Model		B22X-5	B25X-5	B30X-5	B35X-5		
3	Load Capacity	at rated load center	lb(kg)	4500 (2200)	5000 (2500)	6000 (3000)	7000 (3500)	
4	Load Center		in(mm)	24 (500)	24 (500)	24 (500)	24 (500)	
5	Power Type			AC electric	AC electric	AC electric	AC electric	
6	Operator Type			driver seated	driver seated	driver seated	driver seated	
7	Tire Type	P: Pnu, E: Solid Soft, C: Cush		P, E	P, E	P, E	P, E	
8	Wheels (x=Driven)			x 2 / 2	x 2 / 2	x 2 / 2	x 2 / 2	
9	Max. Fork Height	with STD 2-stage mast	in(mm)	127.2 (3230)	127.2 (3230)	127.2 (3230)	127.2 (3230)	
10	Free Lift		in(mm)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	
12	Fork Carriage	ISO Class		II	II	III	III	
13	Forks	Thickness x Width x Length	in(mm)	1.6 x 3.9 x 41.3 (40 x 100 x 1050)	1.6 x 3.9 x 41.3 (40 x 100 x 1050)	1.8 x 3.9 x 41.3 (45 x 125 x 1050)	1.8 x 3.9 x 41.3 (45 x 125 x 1050)	
		Fork Spacing(Min x Max)	in(mm)	7.9 x 40.9 (200 x 1040)	7.9 x 40.9 (200 x 1040)	7.9 x 40.9 (200 x 1040)	7.9 x 40.9 (200 x 1040)	
14	Tilt of Mast	Forward/Backward	deg	6/9	6/9	6/9	6/9	
15-20	Overall Dimensions	Length to Fork Face	in(mm)	92.9 (2360)	92.9 (2360)	98.6 (2505)	102.4 (2600)	
		Overall Width	in(mm)	49.0 (1245)	49.0 (1245)	49.0 (1245)	49.0 (1245)	
		Mast Lowered Height	in(mm)	85.0 (2160)	85.0 (2160)	85.0 (2160)	85.0 (2160)	
		Mast Extended Height	in(mm)	176.4 (4480)	176.4 (4480)	176.4 (4480)	167.9 (4265)	
		Overhead Guard Height	in(mm)	86.0 (2185)	86.0 (2185)	87.0 (2210)	87.0 (2210)	
20	Seat Height		in(mm)	42.1 (1070)	42.1 (1070)	42.1 (1070)	42.1 (1070)	
21	Turning Radius	Minimum outside	in(mm)	78.0 (1980)	78.0 (1980)	82.7 (2100)	85.8 (2180)	
22	Load Moment Center		in(mm)	19.7 (500)	19.7 (500)	20 (508)	20 (508)	
23	Aisle 90 degree stacking(add load length & clearance)		in(mm)	97.6 (2480)	97.6 (2480)	102.6 (2608)	105.8 (2688)	
24-30	PERFORMANCE	Travel Speed	Loaded/Unloaded	mph(km/h)	9.9 / 9.9 (16.0 / 16.0)	9.9 / 9.9 (16.0 / 16.0)	9.9 / 9.9 (16.0 / 16.0)	9.9 / 9.9 (16.0 / 16.0)
		Lifting Speed	Loaded/Unloaded	fpm(mm/s)	98.2 / 108 (500 / 550)	94.3 / 108 (480 / 550)	82.3 / 108 (420 / 550)	74.6 / 108 (380 / 550)
		Lowering Speed	Loaded/ Unloaded	fpm(mm/s)	96.2 / 90.3 (490 / 460)	96.2 / 90.3 (490 / 460)	96.2 / 90.3 (490 / 460)	98.2 / 90.3 (500 / 460)
		Max. drawbar pull	Loaded/Unloaded(5 min. ratin)	lb(kg)	4310 / 4200 (1955 / 1905)	4310 / 4189 (1955 / 1900)	4237 / 4145 (1922 / 1880)	3750 / 3715 (1701 / 1685)
		Max. gradeability	Loaded/Unloaded(5 min. ratin)	%	27 / 41	24 / 39	24 / 31	19 / 31
		30	Total Service Weight	with minimum weight of batter	lb(kg)	10115 (4588)	10483 (4755)	11645 (5282)
31-34	WEIGHT	Axle Load at Loaded	Front / Rear	lb(kg)	13230 / 1735 (6001 / 787)	14006 / 1989 (6353 / 902)	16120 / 2138 (7312 / 970)	17760 / 2413 (8056 / 1074)
		Axle Load at Unloaded	Front / Rear	lb(kg)	5227 / 4888 (2371 / 2217)	4903 / 5580 (2224 / 2531)	5536 / 6109 (2511 / 2771)	5412 / 7000 (2455 / 3175)
		35	Number of wheels (F/R)		2/2	2/2	2/2	2/2
		36	Tires	Size , Front	23 x 10 -12	23 x 10 -12	23 x 10 -12	23 x 10 -12
37		Size , Rear	18 x 7 - 8	18 x 7 - 8	18 x 7 - 8	18 x 7 - 8		
38-41	CHASSIS	Wheel Base	Distance	in(mm)	60.4 (1535)	60.4 (1535)	66.1 (1679)	66.1 (1679)
		Tread Width	Front	in(mm)	39.3 (998)	39.3 (998)	39.3 (998)	39.3 (998)
			Rear	in(mm)	39.3 (998)	39.3 (998)	39.3 (998)	39.3 (998)
		Ground Clearance	at the lowest point	in(mm)	5.1 (130)	5.1 (130)	5.1 (130)	5.1 (130)
at center of wheelbase	in(mm)		5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)		
42-43	Brakes	Service		foot / hydraulic	foot / hydraulic	foot / hydraulic	foot / hydraulic	
		Parking		hand / mech	hand / mech	hand / mech	hand / mech	
44-57	POWER TRAIN	Battery	Type		DIN43536A	DIN43536A	DIN43536A	DIN43536A
			Capacity (5 Hours Rating)	V/AH	80 / 500	80 / 500	80 / 600	80 / 600
			Battery compartment sizes(WxLxH)	in(mm)	40.5 x 28 x 31(1028 x 711 x 784)	40.5 x 28 x 31(1028 x 711 x 784)	40.5 x 33.7 x 31(1028 x 855 x 784)	40.5 x 33.7 x 31(1028 x 855 x 784)
		Electric Motors	Weight (Minimum)	lb(kg)	3439 (1560)	3439 (1560)	4123 (1870)	4123 (1870)
			Drive motor(1 HR Rating)	hp(kW)	13.4 (10.0) X 2	13.4 (10.0) X 2	13.4 (10.0) X 2	13.4 (10.0) X 2
			Hyd. motor(15% Duty)	hp(kW)	28.2 (21.0)	28.2 (21.0)	28.2 (21.0)	28.2 (21.0)
54	Control Type	Drive and Hydraulic		MOSFET Inverter	MOSFET Inverter	MOSFET Inverter	MOSFET Inverter	
57	Relief Pressure	System	psi(kpa)	2407 (16600)	2798 (19300)	3001 (20700)	3407 (23500)	
		Attachment	psi(kpa)	2247 (15500)	2247 (15500)	2247 (15500)	2247 (15500)	

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions. Products and specifications are subject to improvement and change without prior notices.

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

B22X-5

Mast Type	Maximum Fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities						
									B22X-5						
									Tilt Angle		Pneumatic Tire		Solid Tire		
	in	mm	in	mm	in	mm	in	mm	FWD deg	BWD deg	LC500 mm kg	LC24 in lb	LC500 mm kg	LC24 in lb	
STD	80	2030	61	1560	129	3280	6	147	6	9	2200	4400	2200	4400	
	102	2580	72	1835	151	3830	6	147	6	9	2200	4400	2200	4400	
	116	2950	80	2020	165	4200	6	147	6	9	2200	4400	2200	4400	
	127	3230	85	2160	176	4480	6	147	6	9	2200	4400	2200	4400	
	138	3500	95	2410	187	4755	6	147	6	9	2200	4400	2200	4400	
	150	3800	101	2560	199	5055	6	147	6	9	2200	4400	2200	4400	
FF	102	2580	72	1835	151	3830	25	630	6	9	2200	4400	2200	4400	
	116	2950	80	2020	165	4200	32	815	6	9	2200	4400	2200	4400	
	127	3230	85	2160	176	4480	38	955	6	9	2200	4400	2200	4400	
	142	3600	95	2410	191	4855	47	1205	6	9	2200	4400	2200	4400	
	FFT	154	3900	74	1885	203	5155	27	680	6	9	2200	4400	2200	4400
		169	4290	80	2020	219	5560	32	815	6	9	2200	4400	2200	4400
186		4730	85	2160	235	5980	38	955	6	9	2150	4400	2175	4400	
219		5560	99	2510	268	6805	51	1305	6	5	2000	4100	2025	4100	
237	6010	105	2660	286	7255	57	1455	6	5	1875	3950	1950	4000		

B25X-5

Mast Type	Maximum Fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities						
									B25X-5						
									Tilt Angle		Pneumatic Tire		Solid Tire		
	in	mm	in	mm	in	mm	in	mm	FWD deg	BWD deg	LC500 mm kg	LC24 in lb	LC500 mm kg	LC24 in lb	
STD	80	2030	61	1560	129	3280	6	147	6	9	2500	5000	2500	5000	
	102	2580	72	1835	151	3830	6	147	6	9	2500	5000	2500	5000	
	116	2950	80	2020	165	4200	6	147	6	9	2500	5000	2500	5000	
	127	3230	85	2160	176	4480	6	147	6	9	2500	5000	2500	5000	
	138	3500	95	2410	187	4755	6	147	6	9	2500	5000	2500	5000	
	150	3800	101	2560	199	5055	6	147	6	9	2500	5000	2500	5000	
FF	102	2580	72	1835	151	3830	25	630	6	9	2500	5000	2500	5000	
	116	2950	80	2020	165	4200	32	815	6	9	2500	5000	2500	5000	
	127	3230	85	2160	176	4480	38	955	6	9	2500	5000	2500	5000	
	142	3600	95	2410	191	4855	47	1205	6	9	2500	5000	2500	5000	
	FFT	154	3900	74	1885	203	5155	27	680	6	9	2500	5000	2500	5000
		169	4290	80	2020	219	5560	32	815	6	9	2500	5000	2500	5000
186		4730	85	2160	235	5980	38	955	6	9	2475	5000	2500	5000	
219		5560	99	2510	268	6805	51	1305	6	5	2275	4700	2325	4750	
237	6010	105	2660	286	7255	57	1455	6	5	1700	3850	2250	4550		

