

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					B35X-7					
			with Load Backrest	with Load Backrest	Tilt Angle				Load Capacities	
					Single Pneu.		Single Solid		Single Pneu	Single Solid
					FWD	BWD	FWD	BWD	LC500mm	LC500mm
	mm	mm	mm	mm	deg	deg	deg	deg	kg	kg
STD	2,720	2,020	3,970	152	6	9	6	9	3,500	3,500
	3,000	2,160	4,250	152	6	9	6	9	3,500	3,500
	3,495	2,410	4,750	152	6	9	6	9	3,500	3,500
	3,655	2,560	4,905	152	6	9	6	9	3,500	3,500
	3,805	2,635	5,055	152	6	9	6	9	3,500	3,500
	4,805	3,135	6,055	152	6	5	6	9	3,125	3,425
FF	2,720	2,020	3,970	820	6	5	6	9	3,500	3,500
	3,000	2,160	4,250	960	6	5	6	9	3,500	3,500
	3,495	2,410	4,745	1,210	6	5	6	9	3,500	3,500
FFT	3,555	1,885	4,805	685	6	9	6	9	3,400	3,400
	3,960	2,020	5,210	820	6	9	6	9	3,400	3,400
	4,380	2,160	5,630	960	6	9	6	9	3,300	3,400
	4,820	2,330	6,070	1,130	6	5	6	9	3,175	3,400
	5,205	2,510	6,455	1,310	6	5	6	9	2,575	3,300
	5,655	2,660	6,905	1,460	6	5	6	5	2,000	3,200

Note: These load capacities are based on the standard chassis without side shifter.

Specification values quoted in this catalog have been rounded.

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

Performance may vary due to operating conditions.

The performance shown represents nominal values obtained under typical operating conditions.



7-Series Forklifts

Electric 2.2 to 3.5 ton capacity



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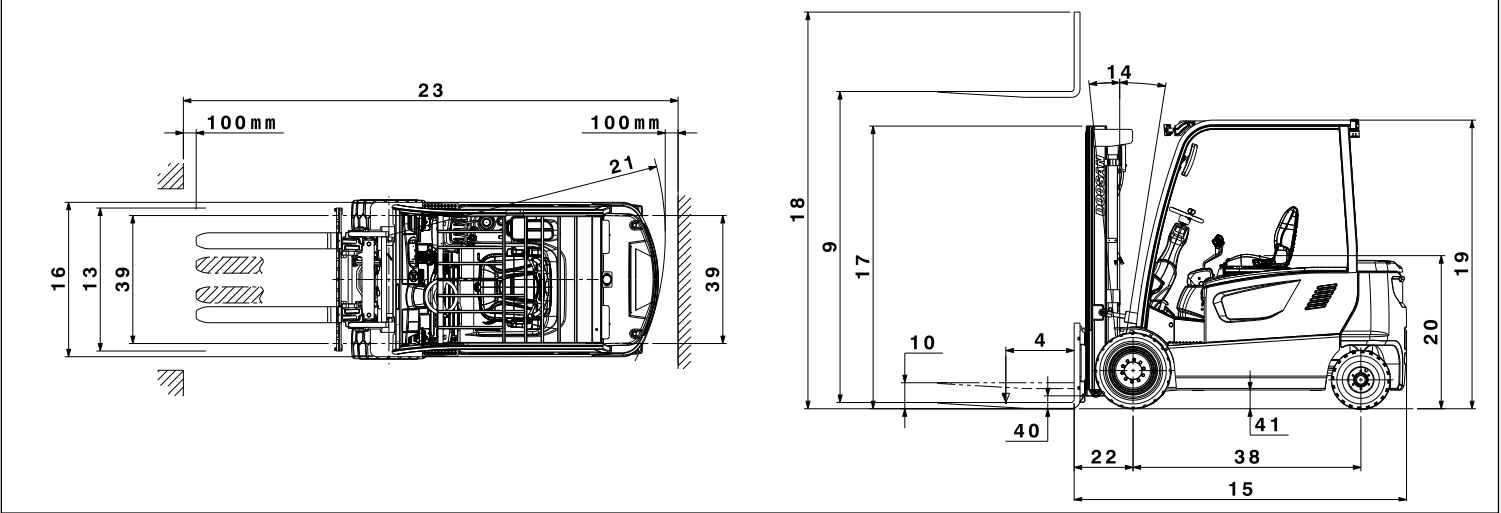
Lifting Your Dreams

GENERAL SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer				Doosan	Doosan	Doosan	Doosan	Doosan	
	2	Model				B22X-7	B25X-7	B25XL-7	B30X-7	B35X-7	
	3	Capacity	at rated load center		kg	2,200	2,500	2,500	3,000	3,500	
	4	Load center	distance		mm	500	500	500	500	500	
	5	Power type				AC electric	AC electric	AC electric	AC electric	AC electric	
	6	Operator type				driver seated	driver seated	driver seated	driver seated	driver seated	
	7	Tire type	C=cushion, P=pneumatic, E=Solid			P, E	P, E	P, E	P, E	P, E	
	8	Wheels (x=driven)	number, front/rear			x 2/2	x 2/2	x 2/2	x 2/2	x 2/2	
DIMENSIONS	9	Maximum fork height	with STD 2-stage mast		mm	3,230	3,230	3,230	3,230	3,000	
	10	Free lift			mm	147	147	147	152	152	
	11	Fork carriage	ISO class			II	II	II	III	III	
	12	Forks	thickness x width x length		mm	40X100X1,050	40X100X1,050	40X100X1,050	45X125X1,050	45X125X1,050	
	13		fork spacing (min x max)		mm	272 x 1,035	272 x 1,035	272 x 1,035	286 x 1,044	286 x 1,044	
	14	Tilt of mast	forward / backward		deg	6/9	6/9	6/9	6/9	6/9	
	15	Overall dimensions	length to forkface		mm	2,329	2,329	2,474	2,480	2,564	
	16		overall width		mm	1,245	1,245	1,245	1,245	1,245	
	17		mast lowered height		mm	2,160	2,160	2,160	2,160	2,160	
	18		mast extended height		mm	3,990	3,990	3,990	3,990	3,760	
	19		overhead guard height (Cabin)		mm	2,185	2,185	2,210	2,210	2,210	
	20	seat height		mm	1,070	1,070	1,070	1,070	1,070		
	21	Outer turning radius			mm	1,950	1,950	2,095	2,095	2,155	
		Inner turning radius			mm	348	348	340	340	340	
	22	Load moment constant	center of drive axle to fork face			mm	448	448	448	454	454
	23	Right Angle Stacking Aisle Width (with pallets & clearance)		pallet 1,000x1,200 crossways		mm	3,620	3,620	3,766	3,772	3,832
				pallet 800x1,200 lengthways		mm	3,799	3,799	3,944	3,950	4,010
	PERFORMANCE	24	Speed	travel	loaded/unloaded	km/h	16/18	16/18	16/18	16/18	16/18
lift		loaded/unloaded		mm/s	500/600	480/600	480/600	420/600	380/600		
lowering		loaded/unloaded		mm/s	490/460	490/460	490/460	490/460	500/460		
28		Max. drawbar pull	at 1.6 km/h, loaded/unloaded			kg.f	1,768/1,675	1,768/1,675	1,768/1,675	1,768/1,675	
30	Gradeability	at 1.6 km/h, loaded/unloaded			%	27/40	25/38	25/38	22/34	20/31	
WEIGHT	32	Total weight	with min. weight of battery		kg	4,419	4,623	4,728	5,068	5,486	
	33	Axle load	loaded, front/rear		kg	5,807/810	6,275/848	6,312/935	7,253/837	7,996/1,013	
	34		unloaded, front/rear		kg	2,294/2,125	2,284/2,339	2,391/2,337	2,547/2,521	2,532/2,954	
CHASSIS	35	Tires	number of front/rear			2/2	2/2	2/2	2/2	2/2	
	size		front		23X10-12	23X10-12	23X10-12	23X10-12	23X10-12		
			rear		18X7-8	18X7-8	18X7-8	18X7-8	18X7-8		
	38	Wheel base	distance		mm	1,589	1,589	1,734	1,734	1,750	
	39	Tread width	front		mm	998	998	998	998	998	
			rear		mm	998	998	998	998	998	
	40	Ground clearance	loaded	at the lowest point		mm	130	130	130	130	
	at center of wheelbase			mm	140	140	140	140	140		
	42	Brakes	service brake				hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
	43		parking brake				auto-electric	auto-electric	auto-electric	auto-electric	auto-electric
POWER TRAIN	45	Battery	type			DIN 43536 A	DIN 43536 A	DIN 43536 A	DIN 43536 A	DIN 43536 A	
			voltage		V	80	80	80	80	80	
			capacity (5 hours rating) - normal		AH	500	500	600	600	600	
			capacity (5 hours rating) - max.		AH	620	620	775	775	775	
			min. weight		kg	1,560	1,560	1,870	1,870	1,870	
	46	Battery compartment	at chassis sizes (W x L x H)			mm	1,040 x 720 x 805		1,040 x 865 x 805		
	47	Electric motors	drive motor rating at S2 60 minutes			kW	10.0 x 2	10.0 x 2	10.0 x 2	10.0 x 2	
	lifting motor rating at S3 15%			kW	21	21	21	21			
	54	Control type	drive and hydraulic			type	MOSFET inverter				
55	Drive axle	brake type			type	ODB					
57	Relief pressure	system			bar	183	193	193	207	235	
		attachment			bar	155	155	155	155	155	

Note : Specification values quoted in this specification sheet have been rounded. Performance may vary due to operation conditions.
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DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

B22X-7, B25X-7, B25XL-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					B22X-5, B25X-7, B25XL-7				B22X-7		B25X-5, B25XL-7	
			with Load Backrest	With Load Backrest	Tilt Angle				Load Capacities		Load Capacities	
					Single Pneu.		Single Solid		Single Pneu.	Single Solid	Single Pneu.	Single Solid
					FWD	BWD	FWD	BWD	LC500mm	LC500mm	LC500mm	LC500mm
	mm	mm	mm	mm	deg	deg	deg	deg	kg	kg	kg	kg
STD	2,950	2,020	4,200	147	6	9	6	9	2,200	2,200	2,500	2,500
	3,230	2,160	4,480	147	6	9	6	9	2,200	2,200	2,500	2,500
	3,500	2,410	4,755	147	6	9	6	9	2,200	2,200	2,500	2,500
	3,800	2,560	5,055	147	6	9	6	9	2,200	2,200	2,500	2,500
	3,950	2,635	5,205	147	6	9	6	9	2,200	2,200	2,500	2,500
	4,350	2,835	5,605	147	6	9	6	9	2,200	2,200	2,500	2,500
	4,960	3,135	6,205	147	6	9	6	9	2,100	2,125	2,425	2,450
FF	2,950	2,020	4,200	815	6	9	6	9	2,200	2,200	2,500	2,500
	3,230	2,160	4,480	955	6	9	6	9	2,200	2,200	2,500	2,500
	3,600	2,410	4,855	1,205	6	9	6	9	2,200	2,200	2,500	2,500
FFT	3,900	1,885	5,155	680	6	9	6	9	2,200	2,200	2,500	2,500
	4,290	2,020	5,560	815	6	9	6	9	2,200	2,200	2,500	2,500
	4,730	2,160	5,980	955	6	9	6	9	2,150	2,175	2,475	2,500
	4,805	2,165	6,055	980	6	9	6	9	2,150	2,175	2,450	2,475
	5,560	2,510	6,805	1,305	6	5	6	9	2,000	2,025	2,275	2,325
	6,010	2,660	7,255	1,455	6	5	6	9	1,875	1,950	1,700	2,250

B30X-7

[illegible]