

MAST SPECIFICATION and RATED CAPACITIES

B20/25S-7

Mast Type	Max. Fork Height	Maximum Lowered Height	Extended Height	Free Lift	Rated Load Capacities							
					B20S-7			B25S-7				
					With Load Backrest	With Load Backrest	Tilt Angle		Load capacities	Tilt Angle		Load capacities
							FWD	BWD		FWD	BWD	
mm	mm	mm	mm	deg	deg	kg	deg	deg	kg			
STD	2,580	1,815	3,830	147	6	5	2,000	6	5	2,500		
	2,950	2,000	4,200	147	6	8	2,000	6	8	2,500		
	3,230	2,140	4,480	147	6	10	2,000	6	10	2,500		
	3,500	2,390	4,755	147	6	5	2,000	6	5	2,500		
	3,800	2,540	5,055	147	6	5	2,000	6	5	2,500		
	3,950	2,615	5,205	147	6	5	2,000	6	5	2,500		
	4,350	2,815	5,605	147	6	8	1,900	6	8	2,400		
	4,960	3,115	6,205	147	6	8	1,800	6	5	2,300		
FF	2,580	1,815	3,830	610	6	5	2,000	6	5	2,500		
	2,950	2,000	4,200	795	6	8	2,000	6	8	2,500		
	3,230	2,140	4,480	935	6	8	2,000	6	8	2,500		
	3,600	2,390	4,855	1,185	6	8	2,000	6	8	2,500		
FFT	3,900	1,840	5,155	635	6	5	2,000	6	5	2,500		
	4,290	1,975	5,560	770	6	5	2,000	6	5	2,400		
	4,730	2,115	5,980	910	6	5	1,950	6	5	2,300		
	5,560	2,465	6,805	1,260	6	5	1,700	6	5	1,750		
	6,010	2,615	7,255	1,410	6	5	1,400	6	5	1,350		

B30/32S-7

Mast Type	Max. Fork Height	Maximum Lowered Height	Extended Height	Free Lift	Rated Load Capacities							
					B30S-7			B32S-7				
					With Load Backrest	With Load Backrest	Tilt Angle		Load capacities	Tilt Angle		Load capacities
							FWD	BWD		FWD	BWD	
mm	mm	mm	mm	deg	deg	kg	deg	deg	kg			
STD	2,030	1,540	3,280	152	6	5	3,000	6	5	3,200		
	2,580	1,815	3,830	152	6	5	3,000	6	5	3,200		
	2,950	2,000	4,200	152	6	8	3,000	6	8	3,200		
	3,230	2,140	4,480	152	6	10	3,000	6	10	3,200		
	3,500	2,390	4,755	152	6	5	3,000	6	5	3,200		
	3,800	2,540	5,055	152	6	5	3,000	6	5	3,200		
	3,950	2,615	5,205	152	6	5	3,000	6	5	3,200		
	4,350	2,815	5,605	152	6	8	3,000	6	8	2,950		
	4,960	3,115	6,205	152	6	5	2,500	6	5	3,100		
FF	2,580	1,815	3,830	615	6	5	3,000	6	5	3,200		
	2,950	2,000	4,200	800	6	8	3,000	6	8	3,200		
	3,230	2,140	4,480	940	6	8	3,000	6	8	3,200		
	3,600	2,390	4,855	1,190	6	8	3,000	6	8	3,200		
FFT	3,900	1,865	5,155	665	6	5	2,750	6	5	3,000		
	4,290	2,000	5,560	800	6	5	2,750	6	5	3,000		
	4,730	2,140	5,980	940	6	5	2,750	6	5	2,800		
	5,560	2,490	6,805	1,290	6	5	1,700	6	5	1,700		
	6,010	2,640	7,255	1,440	6	5	1,375	6	5	1,350		

Note : Mast Specifications & Rated Capacities are based on standard chassis with pneumatic tire and without side shifter.

B25S7-180820ENv3 (August 2018)



Doosan Industrial Vehicle Europe nv
 Europark-Noord 36A
 9100 Sint-Niklaas
 België
 Tel.: +32 3 760 09 87
 Fax: +32 3 760 09 89
 Website : www.doosan-iv.eu

AUTHORIZED DEALER



B20S-7 / B25S-7 / B30S-7 / B32S-7

7 SERIES FORKLIFTS

Electric 2.0 to 3.2 ton capacity
 4 wheel

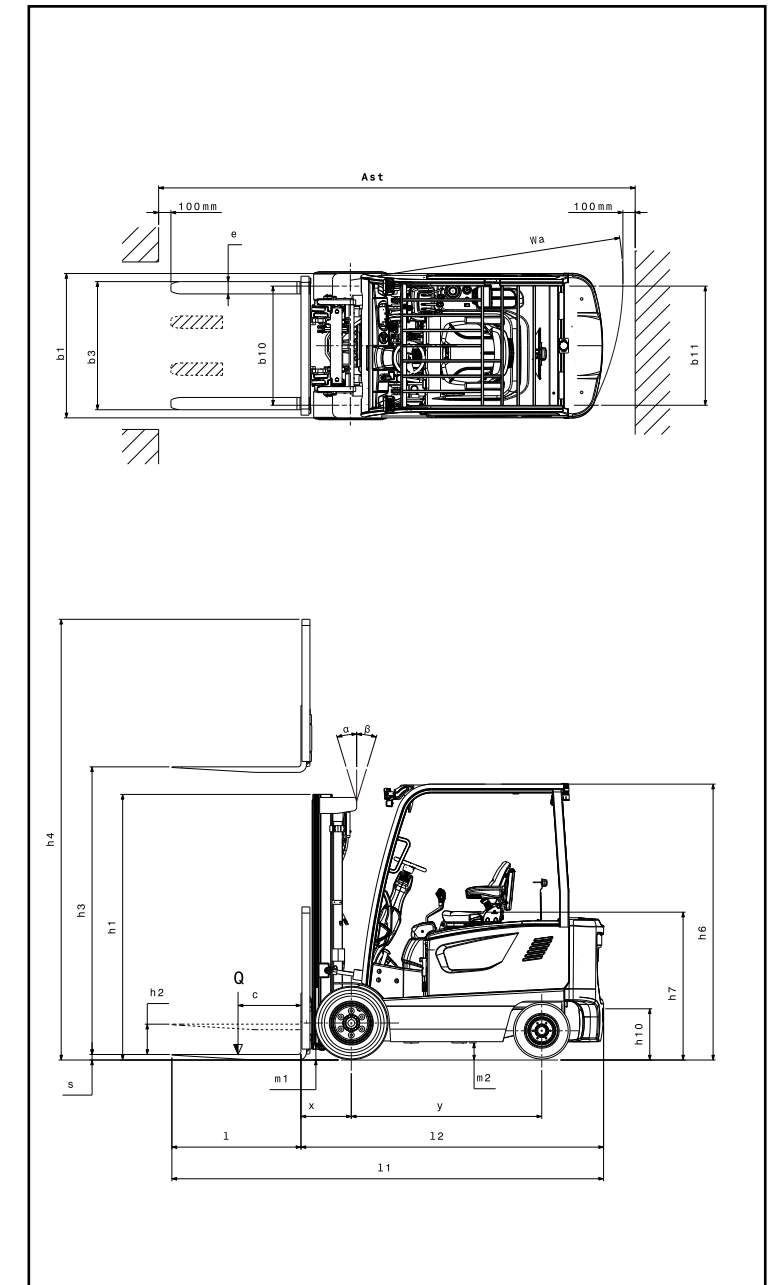


Technical Data according to VDI 2198

CHARACTERISTICS	1.1	Manufacturer			Doosan	Doosan
	1.2	Model			B20S-7	B25S-7
	1.3	Drive			Battery	Battery
	1.4	Operator Type			Seated	Seated
	1.5	Load Capacity/rated load	Q	kg	2,000	2,500
	1.6	Load Center	c	mm	500	500
	1.8	Load Distance, center of drive axle to fork	x	mm	410	410
	1.9	Wheelbase	y	mm	1,400	1,400
	WEIGHT	2.1	Service Weight		kg	3,990
2.2		Axle loading, loaded, front/rear		kg	5,191 / 797	5,979 / 921
2.3		Axle loading, unloaded, front/rear		kg	1,891 / 2,099	1,854 / 2,546
TYRES	3.1	Tyres: pneumatic (P). solid (E), cushion (C)			P/E	P/E
	3.2	Tyre size. Front			23X10-12	23X10-12
	3.3	Tyre size. Rear			18x7-8	18x7-8
	3.5	Wheels. number Front/Rear (x = driven wheels)			2X / 2	2X / 2
	3.6	Tread. Front	b11	mm	950	950
	3.7	Tread. Rear	b12	mm	950	998
	DIMENSIONS	4.1	Tilt of Mast/Fork carriage Forward/Backward	α/β	$^{\circ}$	6 / 10
4.2		Height. Mast lowered	h1	mm	2,140	2,140
4.3		Free Lift	h2	mm	147	147
4.4		Lift height	h3	mm	3,230	3,230
4.5		Height. Mast Extended	h4	mm	448	4,480
4.7		Height of Overhead Guard (Cabin)	h6	mm	2,220	2,220
4.8		Height of Seat	h7	mm	1,098	1,098
4.19		Overall Length	l1	mm	3,196	3,226
4.20		Length to Forkface	l2	mm	2,196	2,226
4.21		Overall Width	b1/b2	mm	1,200	1,200
4.22		Fork Dimensions	s/e/l	mm	40 / 100 / 1,000	45 / 125 / 1,050
4.23		Fork carriage ISO 2328. class			IIA	IIA
4.24		Fork carriage width	b3	mm	1,130	1,130
4.31		Ground Clearance. loaded. below mast	m1	mm	110	110
4.32		Ground Clearance. center of wheelbase	m2	mm	125	125
4.33		Aisle width for pallets 1.000 x 1.200 crossways	Ast	mm	3,650	3,670
4.34.1		Aisle width for pallets 800 x 1.200 lengthways	Ast	mm	3,850	3,870
4.35		External Turning Radius	Wa	mm	2,040	2,060
4.36		Internal Turning Radius	b13	mm	530	530
PERFORMANCE DATA	5.1	Travel Speed. loaded/unloaded		km/h	18 / 18	18 / 18
	5.2	Lift Speed. loaded/unloaded		m/s	0.44 / 0.60	0.39 / 0.60
	5.3	Lowering Speed. loaded/unloaded		m/s	0.50 / 0.46	0.50 / 0.46
	5.6	Max. Drawbar pull. loaded/unloaded		N	15,892 / 11,968	15,598 / 11,674
	5.8	Max. Gradeability. loaded/unloaded		%	28 / 32	24 / 28
	5.10	Service Brake			Hydraulic	Hydraulic
ELECTRIC ENGINE	6.1	Drive motor S2 60 min		kW	15.5	15.5
	6.2	Lift motor rating at S3 15%		kW	17	17
	6.3	Battery Compartment		mm	896 x 1,036 x 530	896 x 1,036 x 530
	6.4	Battery voltage, nominal capacity K5		V/Ah	48 / 715	48 / 800
	6.5	Battery weight		kg	1,100	1,220
ADDITION DATA	8.1	Type of drive control			AC	AC
	8.2	Operating pressure for attachments		bar	166/155	193/155
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	70	70
		Towing Coupling			Pin	Pin

Doosan	Doosan
B30S-7	B32S-7
Battery	Battery
Seated	Seated
3,000	3,200
500	500
411	411
1,550	1,550
4,770	4,930
6,855 / 915	7,135 / 995
2,092 / 2,678	2,054 / 2,876
P/E	P/E
23X10-12	23X10-12
18x7-8	18x7-8
2x/2	2x/2
950	950
998	998
6 / 10	6 / 10
2,140	2,140
152	152
3,230	3,230
4,480	4,480
2,220	2,220
1,098	1,098
3,427	3,457
1,200	1,200
45 / 125 / 1,050	45 / 125 / 1,050
IIIA	IIIA
1,150	1,150
110	110
125	125
3,801	3,831
4,001	4,031
2,190	2,220
590	590
18 / 18	18 / 18
0.34 / 0.60	0.32 / 0.60
0.50 / 0.46	0.50 / 0.46
14,224 / 10,791	14,126 / 10,791
19 / 23	18 / 22
Hydraulic	Hydraulic
15.5	15.5
17	17
1,046 x 1,036 x 530	1,046 x 1,036 x 530
48 / 800	48 / 800
1,440	1,440
AC	AC
207/155	235/15
70	70
Pin	Pin

Dimensional Drawing



Note: Specification values quoted in this specification sheet have been rounded. Performance may vary depending on operating conditions. Products and specifications are subject to improvement and change without prior notice.