



TECHNICAL SPECIFICATIONS

BC20S/BC25S/BC25SE/BC30S/BC32S-5

B20S/B25S/B30S/B32S-5

4 Wheel Electric Forklift Trucks

4,000-6,500 lb. Capacity

PRO5
SERIES



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

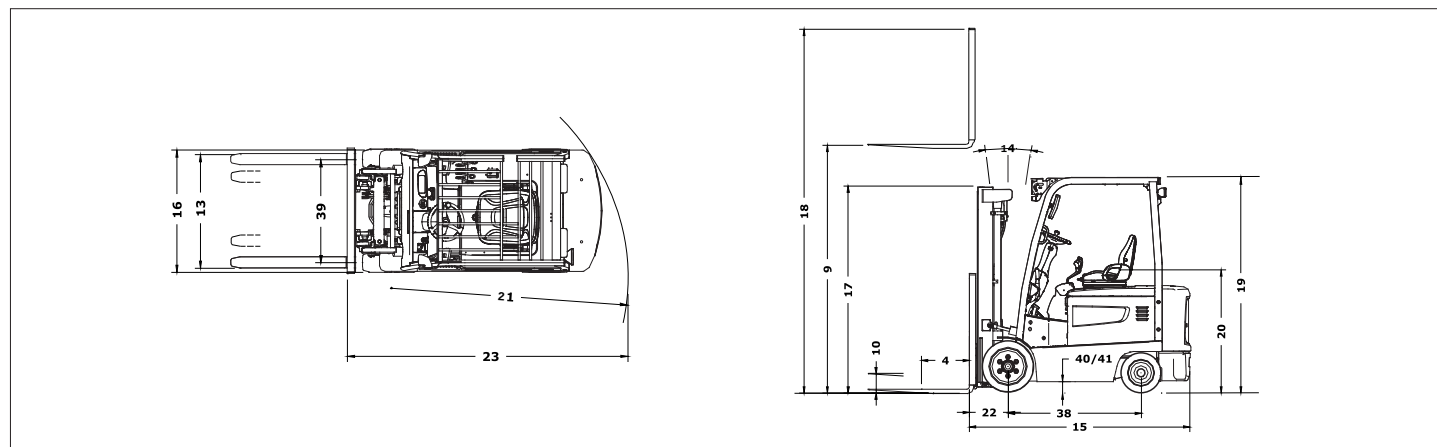
4 Wheel Electric Forklift Trucks

Pneumatic Models, 48V-AC

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer		DOOSAN	DOOSAN	DOOSAN	DOOSAN
	2	Model		B20S-5	B25S-5	B30S-5	B32S-5
	3	Load Capacity	at rated load center	lb(kg)	4000(2000)	5000(2500)	6000(3000)
	4	Load Center		in(mm)	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: Pneu, 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
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	127(3230)	127(3230)	127(3230)
	10	Free Lift		in(mm)	5.8(147)	5.8(147)	6.0(152)
	12	Fork Carriage	ISO Class		II	II	III
	13	Forks	Length x Width x Thickness	in(mm)	41.3 x 3.9 x 1.6 (1050 x 100 x 40)	41.3 x 3.9 x 1.6 (1050 x 100 x 40)	41.3 x 4.9 x 1.8 (1050 x 125 x 45)
			Fork Spacing(Min x Max)	in(mm)	10.8 x 40.7 (275 x 1035)	10.8 x 40.7 (275 x 1035)	11.3 x 41.1 (286 x 1044)
	14	Tilt of Mast	Forward/Backward	deg	6 / 10	6 / 10	6 / 10
	15	Overall Dimensions	Length to Fork Face	in(mm)	86.5 (2196)	87.6 (2226)	93.6 (2377)
			Overall Width	in(mm)	47.2 (1200)	47.2 (1200)	47.2 (1200)
			Mast Lowered Height	in(mm)	84.3 (2140)	84.3 (2140)	84.3 (2140)
			Mast Extended Height	in(mm)	176.4 (4480)	176.4 (4480)	176.4 (4480)
			Overhead Guard Height	in(mm)	87.4 (2220)	87.4 (2220)	87.4 (2220)
			Seat Height	in(mm)	43.2 (1098)	43.2 (1098)	43.2 (1098)
	21	Turning Radius	Minimum outside	in(mm)	80.3 (2040)	81.1 (2060)	86.2 (2190)
	22	Load Moment Center		in(mm)	15.9 (405)	15.9 (405)	16.1 (411)
	23	Aisle 90 degree stacking(add load length & clearance)		in(mm)	96.2(2445)	97(2465)	102.3(2601)
PERFORMANCE	24	Travel Speed	Loaded/Unloaded	mph(km/h)	11.2 / 11.2 (18.0 / 18.0)	11.2 / 11.2 (18.0 / 18.0)	11.2 / 11.2 (18.0 / 18.0)
	25	Lifting Speed	Loaded/Unloaded	fpm(mm/s)	86.6 / 118 (440 / 600)	76.8 / 118 (390 / 600)	66.9 / 118 (340 / 600)
	26	Lowering Speed	Loaded/Unloaded	fpm(mm/s)	98.4 / 91 (500 / 460)	98.4 / 91 (500 / 460)	98.4 / 91 (500 / 460)
	28	Max. drawbar pull	Loaded/Unloaded(5 min. rating)	lb(kg)	3572 / 2690 (1620 / 1220)	3505 / 2624 (1590 / 1190)	3197 / 2425 (1450 / 1100)
	30	Max. gradeability	Loaded/Unloaded(5 min. rating)	%	28.0 / 32.0	24.5 / 28.5	19.0 / 23.0
	32	Total Service Weight	with minimum weight of battery	lb(kg)	8796 (3990)	9700 (4400)	10516(4770)
WEIGHT	33	Axle Load , Loaded	Front / Rear	lb(kg)	11444 / 1762 (5191 / 799)	13181 / 2030 (5979 / 921)	15113 / 2017 (6855 / 915)
	34	Axle Load , Unloaded	Front / Rear	lb(kg)	4169 / 4628 (1891 / 2099)	4087 / 5613 (1854 / 2546)	4612 / 5904 (2092 / 2678)
	35						
CHASSIS		Tires	Number of wheels (F/R)		2/2	2/2	2/2
			Size, Front		23 x 10 -12	23 x 10 -12	23 x 10 -12
			Size, Rear		18 x 7 - 8	18 x 7 - 8	18 x 7 - 8
		Wheel Base	Distance	in(mm)	55.1 (1400)	55.1 (1400)	61.0 (1550)
			Front	in(mm)	37.4 (950)	37.4 (950)	37.4 (950)
			Rear	in(mm)	39.3(998)	39.3(998)	39.3(998)
		Ground Clearance	at the lowest point	in(mm)	4.3 (110)	4.3 (110)	4.3 (110)
			at center of wheelbase	in(mm)	4.9 (125)	4.9 (125)	4.9 (125)
		Brakes	Service		foot / hydraulic	foot / hydraulic	foot / hydraulic
			Parking		hand / mech	hand / mech	hand / mech
POWER TRAIN		Battery	Type		lead-acid	lead-acid	lead-acid
			Capacity (5 Hours Rating)	V / AH	48 / 715	48 / 800	48 / 850
			Max. Capacity (5 Hours Rating)	V / AH	48 / 1050	48 / 1050	48 / 1200
			Battery compartment sizes(W x L x H)	in(mm)	40.7 x 35.2 x 20.8 (1036 x 896 x 530)		
			Weight (Minimum)	lb(kg)	2425 (1110)	2690 (1220)	3175 (1440)
		Electric Motors	Drive motor(1 HR Rating)	hp(kW)	21.5 (16.0)	21.5 (16.0)	21.5 (16.0)
			Hydraulic motor(15% Duty)	hp(kW)	28.2 (21.0)	28.2 (21.0)	28.2 (21.0)
		Control Type	Drive and hydraulic		MOSFET Inverter	MOSFET Inverter	MOSFET Inverter
		Relief Pressure	System	psi(bar)	2407 (166)	2799 (193)	3002 (207)
			Attachment	psi(bar)	2248 (155)	2248 (155)	2248 (155)

DIMENSIONAL DRAWING(PNEUMATIC MODELS)



MAST SPECIFICATIONS and RATED CAPACITIES

Mast Type	Maximum fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									B20S-5				B25S-5			
									Tilt Angle		Load Capacities		Tilt Angle		Load Capacities	
									FWD	BWD	LC500mm	LC24in	FWD	BWD	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb	deg	deg	kg	lb
STD	2030	80	1540	61	3280	129	147	6	6	5	2000	4000	6	5	2500	5000
	2580	102	1815	71	3830	151	147	6	6	5	2000	4000	6	5	2500	5000
	2950	116	2000	79	4200	165	147	6	6	8	2000	4000	6	8	2500	5000
	3230	127	2140	84	4480	176	147	6	6	10	2000	4000	6	10	2500	5000
	3500	138	2390	94	4755	187	147	6	6	5	2000	4000	6	5	2500	5000
	3800	150	2540	100	5055	199	147	6	6	5	2000	4000	6	5	2500	5000
	3950	156	2615	103	5205	205	147	6	6	5	2000	4000	6	5	2500	5000
	4350	171	2815	111	5605	221	147	6	6	8	2000	4000	6	8	2500	5000
	4960	195	3115	123	6205	244	147	6	6	8	2000	4000	6	8	2400	4850
FF	2580	102	1815	71	3830	151	610	24	6	5	2000	4000	6	5	2500	5000
	2950	116	2000	79	4200	165	795	31	6	8	2000	4000	6	8	2500	5000
	3230	127	2140	84	4480	176	935	37	6	8	2000	4000	6	8	2500	5000
	3600	142	2390	94	4855	191	1185	47	6	8	2000	4000	6	8	2500	5000
FFT	3900	154	1865	73	5155	203	660	26	6	5	2000	4000	6	5	2500	5000
	4290	169	2000	79	5560	219	795	31	6	5	2000	4000	6	5	2500	5000
	4730	186	2140	84	5980	235	935	37	6	5	2000	4000	6	5	2450	4900
	5560	219	2490	98	6805	268	1285	51	6	5	1850	3800	6	5	2200	4450
	6010	237	2640	104	7255	286	1435	56	6	5	1700	3500	6	5	1950	3950

Mast Type	Maximum Fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									B30S-5				B32S-5			
									Tilt Angle		Load Capacities		Tilt Angle		Load Capacities	
									FWD	BWD	LC500mm	LC24in	FWD	BWD	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb	deg	deg	kg	lb
STD	2030	80	1540	61	3280	129	152	6	6	5	3000	6000	6	5	3200	6400
	2580	102	1815	71	3830	151	152	6	6	5	3000	6000	6	5	3200	6400
	2950	116	2000	79	4200	165	152	6	6	8	3000	6000	6	8	3200	6400
	3230	127	2140	84	4480	176	152	6	6	10	3000	6000	6	10	3200	6400
	3500	138	2390	94	4755	187	152	6	6	5	3000	6000	6	5	3200	6400
	3800	150	2540	100	5055	199	152	6	6	5	3000	6000	6	5	3200	6400
	3950	156	2615	103	5205	205	152	6	6	5	3000	6000	6	5	3200	6400
	4350	171	2815	111	5605	221	152	6	6	8	2975	5950	6	8	3200	6400
	4960	195	3115	123	6205	244	152	6	6	8	2825	5700	6	8	3100	6250
FF	2580	102	1815	71	3830	151	615	24	6	5	3000	6000	6	5	3200	6400
	2950	116	2000	79	4200	165	800	31	6	8	3000	6000	6	8	3200	6400
	3230	127	2140	84	4480	176	940	37	6	8	3000	6000	6	8	3200	6400
	3600	142	2390	94	4855	191	1190	47	6	8	3000	6000	6	8	3200	6400
FFT	3900	154	1865	73	5155	203	665	26	6	5	2900	6000	6	5	3200	6400
	4290	169	2000	79	5560	219	800	31	6	5	2850	5700	6	5	3150	6400
	4730	186	2140	84	5980	235	940	37	6	5	2750	5600	6	5	3050	6150
	5560	219	2490	98	6805	268	1290	51	6	5	2350	4850	6	5	2580	5800
	6010	237	2640	104	7255	286	1440	57	6	5	2100	4250	6	5	2450	5600

Note: Mast specifications & Rated Capacities are based on standard chassis with solid soft tire and without sideshifter.



Doosan Infracore Forklifts

Doosan Infracore America Corporation

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

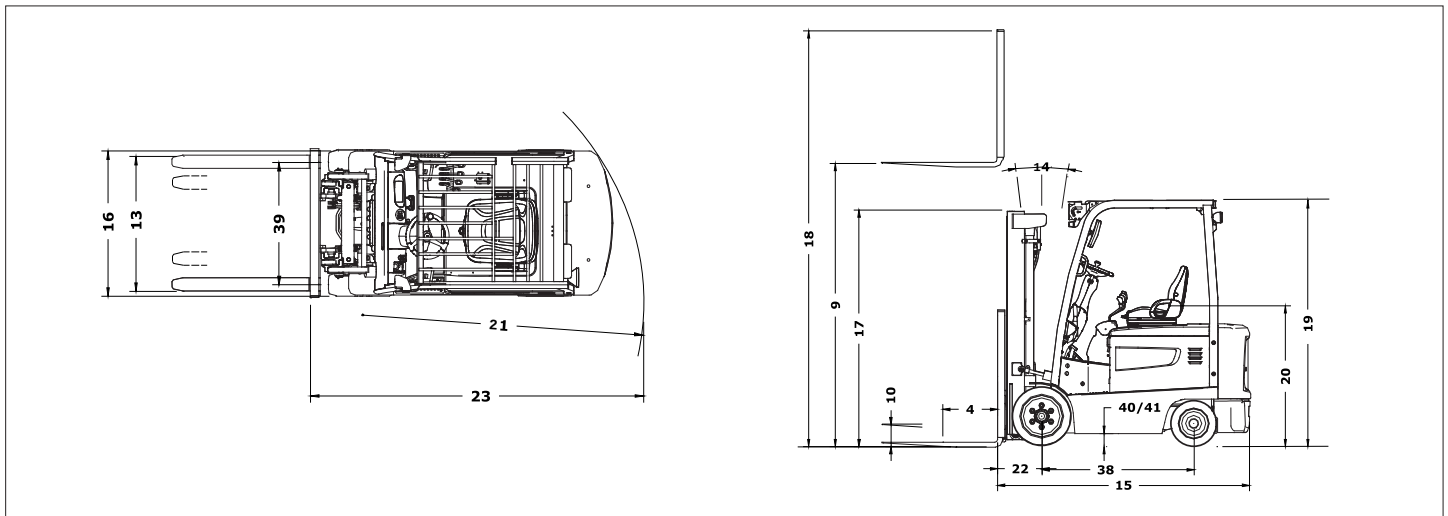
4 Wheel Electric Forklift Trucks

Cushion Models, 36 / 48V-AC

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN
	2	Model			BC20S-5	BC25S-5	BC25SE-5	BC30S-5	BC32S-5
	3	Load Capacity	at rated load center	lb(kg)	4000(2000)	5000(2500)	5000(2500)	6000(3000)	6500(3000)
	4	Load Center		in(mm)	24 (500)	24 (500)	24 (500)	24 (500)	24 (600)
	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	P: Penu, E: Solid Soft, C: Cush		C	C	C	C	C
	8	Wheels (x=Driven)			x 2/2	x 2/2	x 2/2	x 2/2	x 2/2
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	127 (3230)	127 (3230)	127 (3230)	127 (3230)	127 (3230)
	10	Free Lift		in(mm)	6.0 (152)	6.0 (152)	6.0 (152)	6.0 (152)	6.0 (152)
	12	Fork Carriage	ISO Class		II	II	II	III	III
	13	Forks	Length x Width x Thickness	in(mm)	41.3x3.9x1.6 (1050x100x40)	41.3x3.9x1.6 (1050x100x40)	41.3x3.9x1.6 (1050x100x40)	41.3x4.9x1.8 (1050x125x45)	41.3x4.9x1.8 (1050x125x45)
			Fork Spacing(Min x Max)	in(mm)	11.7x35.6 (297x905)	11.7x35.6 (297x905)	11.7x35.6 (297x905)	11.1x37.6 (282x954)	11.1x37.6 (282x954)
	14	Tilt of Mast	Forward/Backward	deg	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10
	15	Overall Dimensions	Length to Fork Face	in(mm)	81.3 (2065)	82.5 (2095)	85.2 (2165)	88.6 (2250)	90.7 (2305)
	16								
	17		Overall Width	in(mm)	43.7 (1110)	43.7 (1110)	43.7 (1110)	43.7 (1110)	43.7 (1110)
	18		Mast Lowered Height	in(mm)	83.3 (2115)	83.3 (2115)	83.3 (2115)	83.3 (2115)	83.3 (2115)
	19		Mast Extended Height	in(mm)	176.4 (4480)	176.4 (4480)	176.4 (4480)	176.4 (4480)	176.4 (4480)
	20		Overhead Guard Height	in(mm)	87.0 (2210)	87.0 (2210)	87.0 (2210)	87.0 (2210)	87.0 (2210)
	21		Seat Height	in(mm)	43.9 (1115)	43.9 (1115)	43.9 (1115)	43.9 (1115)	43.9 (1115)
	22	Turning Radius	Minimum outside	in(mm)	74.2 (1885)	75.4 (1915)	78.1 (1985)	80.9 (2055)	82.5 (2095)
	23	Load Moment Center		in(mm)	15.7 (400)	15.7 (400)	15.7 (400)	16.0 (406)	16.0 (406)
PERFORMANCE	24	Aisle 90 degree stacking (add load length & clearance)		in(mm)	89.9(2285)	91.1 (2315)	93.8 (2385)	96.9 (2461)	98.5 (2501)
			Loaded/Unloaded	36V mph(km/h)	9.0/10.6 (14.5/17.0)	9.0/10.6 (14.5/17.0)	9.0/10.6 (14.5/17.0)	9.0/10.6 (14.5/17.0)	9.0/10.6 (14.5/17.0)
			Loaded/Unloaded	48V mph(km/h)	11.2/11.2 (18.0/18.0)	11.2/11.2 (18.0/18.0)	11.2/11.2 (18.0/18.0)	11.2/11.2 (18.0/18.0)	11.2/11.2 (18.0/18.0)
			Loaded/Unloaded	36V fpm(mm/s)	67/104(340/530)	57/104(290/530)	57/104(290/530)	53/102(270/520)	53/102(270/520)
	25								
	26	Lifting Speed							
	28	Lowering Speed							
	30	Max. drawbar pull	loaded/unloaded(5 min. rating)	lb(kg)	3208/2121 (1455/962)	3329/2169 (1510/984)	3329/2169 (1510/984)	3307/2335 (1500/1059)	3307/2335 (1500/1059)
WEIGHT	32	Max. gradeability	loaded/unloaded(5 min. rating)	%	25.0/20.5	22.0/18.5	22.0/18.5	19.0/20.0	18.0/19.0
	33	Total Service Weight	with minimum weight of battery	lb(kg)	8710 (3950)	9580 (4345)	9305 (4220)	10460 (4745)	11010 (4995)
	34	Axle Load , Loaded	Front / Rear	lb(kg)	11275/1840 (5115/835)	13160/1930 (5970/875)	13085/1730 (5935/785)	14945/2125 (6780/965)	15255/2370 (6920/1075)
	35	Axle Load , Unloaded	Front / Rear	lb(kg)	3770/4940 (1710/2240)	3770/5810 (1710/2635)	3980/5325 (1805/2415)	3990/6470 (1810/2935)	3825/7185 (1735/3260)
CHASSIS			Number of wheels (F/R)		2/2	2/2	2/2	2/2	2/2
		Tires	Size , Front		21x7-15	21x7-15	21x7-15	21x8-15	21x8-15
			Size , Rear		16x6-10.5	16x6-10.5	16x6-10.5	16x6-10.5	16x6-10.5
		Wheel Base	Distance	in(mm)	50.4 (1280)	50.4 (1280)	54.3 (1380)	54.3 (1380)	54.3 (1380)
		Tread Width	Front	in(mm)	36.7 (932)	36.7 (932)	36.7 (932)	35.7 (907)	35.7 (907)
			Rear	in(mm)	35.5(902)	35.5(902)	35.5(902)	35.5(902)	35.5(902)
		Ground Clearance	at the lowest point	in(mm)	3.1 (80)	3.1 (80)	3.1 (80)	3.1 (80)	3.1 (80)
			at center of wheelbase	in(mm)	4.1 (103)	4.1 (103)	4.1 (103)	4.1 (103)	4.1 (103)
POWER TRAIN	Brakes	Service			foot/hydraulic	foot/hydraulic	foot/hydraulic	foot/hydraulic	foot/hydraulic
		Parking			hand	hand	hand	hand	hand
		Type			lead-acid	lead-acid	lead-acid	lead-acid	lead-acid
	Battery		36V AH		1200	1300	1400	1400	1400
		Max capacity(5 hours)	48V AH		900	1000	1000	1000	1000
		Battery compartment sizes(W x L x H)	in(mm)		40 x 30.5 x 23.2(1017 x 776 x 590)	40 x 30.5 x 23.2(1017 x 776 x 590)	40 x 34.5 x 23.2(1017 x 876 x 590)	40 x 34.5 x 23.2(1017 x 876 x 590)	40 x 34.5 x 23.2(1017 x 876 x 590)
		Weight (Minimum)	lb(kg)		2300 (1040)	2800 (1270)	2800 (1270)	3000 (1360)	3000 (1360)
	Electric Motors	Drive motor(1 HR Rating)	36V hp(kW)		15.4(11.5)	15.4(11.5)	15.4(11.5)	15.4(11.5)	15.4(11.5)
			48V hp(kW)		21.5(16.0)	21.5(16.0)	21.5(16.0)	21.5(16.0)	21.5(16.0)
		Hyd. motor(15% Duty)	36V hp(kW)		19.0(14.0)	19.0(14.0)	19.0(14.0)	19.0(14.0)	19.0(14.0)
	Control Type		48V hp(kW)		28.2(21.0)	28.2(21.0)	28.2(21.0)	28.2(21.0)	28.2(21.0)
		with electric drive			MOSFET	MOSFET	MOSFET	MOSFET	MOSFET
		Relief Pressure	system	psi(bar)	2407 (166)	2799 (193)	2799 (193)	3002 (211)	3002 (211)
		Attachment		psi(bar)	2248 (155)	2248 (155)	2248 (155)	2248 (155)	2248 (155)

DIMENSIONAL DRAWING(CUSHION MODELS)



MAST SPECIFICATIONS and RATED CAPACITIES

Mast Type	Maximum Fork Height		Fully Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									BC20S-5				BC25S-5 & BC25SE-5			
									Tilt Angle		Load Capacities		Tilt Angle		Load Capacities	
									FWD	BWD	LC500mm	LC24in	FWD	BWD	LC500mm	LC24in
STD	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb	deg	deg	kg	lb
	2030	80	1515	60	3280	129	147	6	6	5	2000	4000	6	5	2500	5000
	2580	102	1790	70	3830	151	147	6	6	5	2000	4000	6	5	2500	5000
	2950	116	1975	78	4200	165	147	6	6	8	2000	4000	6	8	2500	5000
	3230	127	2115	83	4480	176	147	6	6	10	2000	4000	6	10	2500	5000
	3500	138	2365	93	4755	187	147	6	6	5	2000	4000	6	5	2500	5000
	3800	150	2515	99	5055	199	147	6	6	8	2000	4000	6	8	2500	5000
	3950	156	2590	102	5205	205	147	6	6	8	2000	4000	6	8	2500	5000
FF	4350	171	2790	110	5605	221	147	6	6	8	2000	4000	6	8	2500	5000
	4960	195	3090	122	6205	244	147	6	6	5	1925	3900	6	5	2400	4750
	2580	102	1790	70	3830	151	585	23	6	8	2000	4000	6	8	2500	5000
	2950	116	1975	78	4200	165	770	30	6	5	2000	4000	6	5	2500	5000
	3230	127	2115	83	4480	176	910	36	6	5	2000	4000	6	5	2500	5000
	3600	142	2365	93	4855	191	1160	46	6	5	2000	4000	6	5	2500	5000
	3900	154	1840	72	5155	203	635	25	6	5	2000	4000	6	5	2500	5000
	4290	169	1975	78	5560	219	770	30	6	5	2000	4000	6	5	2450	4950
FFT	4730	186	2115	83	5980	235	910	36	6	5	2000	4000	6	5	2300	4800
	5560	219	2465	97	6805	268	1260	50	6	5	1400	3150	6	5	1400	3100
	6010	237	2615	103	7255	286	1410	56	6	5	1050	2350	6	5	1050	2350

Mast Type	Maximum fork Height		Maximum Lowdred Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									BC30S-5				BC32S-5			
									Tilt Angle		Load Capacities		Tilt Angle		Load Capacities	
									FWD	BWD	LC500mm	LC24in	FWD	BWD	LC500mm	LC24in
STD	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb	deg	deg	kg	lb
	2030	80	1515	60	3280	129	147	6	6	5	3000	6000	6	5	-	6500
	2580	102	1790	70	3830	151	147	6	6	5	3000	6000	6	5	-	6500
	2950	116	1975	78	4200	165	147	6	6	10	3000	6000	6	10	-	6500
	3230	127	2115	83	4480	176	147	6	6	10	3000	6000	6	10	-	6500
	3500	138	2365	93	4755	187	147	6	6	5	3000	6000	6	5	-	6500
	3800	150	2515	99	5055	199	147	6	6	8	3000	6000	6	8	-	6500
	3950	156	2590	102	5205	205	147	6	6	8	3000	6000	6	8	-	6500
FF	4350	171	2790	110	5605	221	147	6	6	8	3000	6000	6	8	-	6500
	4960	195	3090	122	6205	244	147	6	6	3	2850	5700	6	3	-	6200
	2580	102	1790	70	3830	151	585	23	6	8	3000	6000	6	8	-	6500
	2950	116	1975	78	4200	165	770	30	6	5	3000	6000	6	5	-	6500
	3230	127	2115	83	4480	176	910	36	6	5	3000	6000	6	5	-	6500
	3600	142	2365	93	4855	191	1160	46	6	5	3000	6000	6	5	-	6500
	3900	154	1840	72	5155	203	635	25	6	5	2750	6000	6	5	-	6500
	4290	169	1975	78	5560	219	770	30	6	5	2750	6000	6	5	-	6500
FFT	4730	186	2115	83	5980	235	910	36	6	5	2750	5800	6	5	-	6350
	5560	219	2465	97	6805	268	1260	50	6	5	1600	3550	6	5	-	4050
	6010	237	2615	103	7255	286	1410	56	6	5	1225	2750	6	3	-	3250

Note: Mast specifications & Rated Capacities are based on standard chassis with cushion tire and without sideshifter.

☒ Standard Equipment

- ☒ U36V or 48V electrical control system for BC25S-5, or 48V only for B25S-5
- ☒ UEnclosed 3 phase AC drive and hydraulic motors
- ☒ UFully hydraulic power steering with load sensing system
- ☒ UMulti-functional LED and LCD display panel
- ☒ UBuilt in self-diagnostics and programming without hand set or laptop
- ☒ UThree (3) performance selection modes (High,Standard, Energy Efficient)
- ☒ UTurtle mode for travel speed reduction only
- ☒ UDoosan's Operator Sensing System for power interruption
- ☒ UDouble acting parking brake with warning buzzer
- ☒ UOil cooled Disc Brakes
- ☒ UInfinitely adjustable tilt steering wheel
- ☒ UFull suspension deluxe seat with retractable seat belt and seat belt indicator
- ☒ U2 front halogen flood lights with 12 volt DC to DC converter
- ☒ UActive Control Technology
- ☒ UReinforced anisometric overhead guard
- ☒ USteer angle sensing and indicator with stability control
- ☒ UAnti roll back & roll down
- ☒ UThree modes of regenerative braking - accelerator
- ☒ Urelease, pedal braking, and reversal
- ☒ ULift and Tilt Locking Hydraulic Control Valve

☒ Mast

- Doosan forklift trucks offer a full range of wide view masts;
- ☒ USTD double mast : 2.0m(80in) ~ 5.0m(195in) ; Standard cost-effective features for many applications.
- ☒ UFFL double full free lift mast : 2.6m(102in) ~ 3.6m(142in) ; Ideal for stacking in containers or buildings with low roofs, to optimize space utilization.
- ☒ UFFT triple full free mast : 3.9m(154in) ~ 6.0m(237in); Suitable for stacking applications in areas with limited height clearance but where maximum lift is also required.
- All masts are J beam uprights with rigid cross members for strength and reliability. Primary lift cylinders have cushioning valves to ensure smooth and silent staging during lifting and lowering.

☒ Carriage

- B(C) 25S-5 series is equipped with ITA class II or III hook-on type mounting carriage. An optional carriage-mounted sideshifter is available.

☒ AC Electronic Controls

The 3-phase AC controller and enclosed motors ensure the lowest maintenance cost. The elimination of all motor brushes, commutators, and all but one contactor, significantly reduce maintenance and decrease overall operating costs. The MOSFET inverter controls, mounted on the frame behind the counterweight, are environmentally protected but easily accessible for service. The standard LCD and LED instrumentation package displays battery charge, travel speed, hour meter and many other truck parameters, but also provides run and self-diagnostic information, and can be programmed without the use of an expensive hand-set or software package. Control system is fully lap-top compatible.

ACT(Active Control technology)

- ☒ Doosan's exclusive and innovative ACT provides several productivity advantages.
 - a) Active Performance Control - adapts to operating conditions beyond set parameters resulting in predictable and responsive operation.
 - b) Active Heat Control - continuously monitors motors and inverters and automatically corrects temperature imbalance instead of tripping alarms.
 - c) Active Energy Control - provide consistent truck performance throughout the entire 80% discharge cycle of the battery.
 - d) Active Operator Comfort Control - customize truck

parameters to fit operator driving style and preference providing the operator with self-confidence and control.

Performance Selection

- ☒ Operator is in control of the truck's power and can optimize productivity and battery consumption rate with a simple push of a button.
 - a) H - mode : High Performance
 - b) S - mode : Standard Performance
 - c) E - mode : Energy Efficient Performance
 - d) Turtle mode : Speed governor that can be chosen to slow down a previously set travel speed without reducing lifting speed

Intelligent Torque Control

- ☒ Closed-loop speed feedback system monitors loads on traction and hydraulic motors to maintain speed consistency whether the truck is loaded or unloaded.
 - a) Detects ramp stop time for controlled roll back
 - b) Continuous temperature monitoring of controller and motors
 - c) Full protection against short or open circuits

Transaxle and Brakes

- ☒ All motors are IP54 insulated and equipped with an internal cooling fan. Drive-end bearing and drive shaft are lubricated by drive axle oil for long life. The reliable drive axle with enclosed oil cooled disc brakes ensures long service life and the lowest maintenance cost. The large-capacity oil cooled disc brake for stopping, and independent parking brake, ensure light brake pedal effort and easy parking brake engagement. The elimination of final drive wheel gears results in smoother and quieter operation than previous designs.

Steering System

- One-pump, full hydrostatic power steering, with "On-demand" control, is a standard feature to ensure easy and quiet maneuvering in tight spaces. There is no separate steering motor and pump, thus providing increased reliability. A steer axle sensor provides information back to the main logic to limit travel speeds during tight turning, and provides the operator with a continuous LCD display of steer axle position.

Operator Area

- Wide open entry and egress steps, rounded hood, anti-skid rubber floor mat, and two hand grips provide easy operator access to and from the seat. Expansive and inclined floor plate, infinitely adjustable tilt steer column, and deck-mounted control levers, ensure operator comfort and reduced fatigue. The full-suspension seat with weight and back-rest adjustment, and fore and aft positioning, provide comfortable working positions for all sizes of operators. A convenience tray with cup holder and clipboard is a standard feature to provide ample storage for those miscellaneous workplace items.

Optional Equipment

- ☒ UNon-marking Tires
- ☒ UMono-ped Foot Direction and Acceleration Control
- ☒ UDrive In rack Overhead Guard (BC25S-5 Only)
 - ☒ URoll in & out Battery Compartment .
 - ☒ UFinger Tip Control Hydraulic Valve
 - ☒ UAuto Tilt Leveling .
 - ☒ UIntegral Sideshifter or Integral Sideshifting Fork Positioner
 - ☒ UCold Storage Package .
 - ☒ UOperator Cab .
 - ☒ URear Grab Bar with Horn(BC25S-5 only)
 - ☒ UTwo Front and Rear Combination Lights
 - ☒ UBack-up Alarm .
 - ☒ URear Strobe Light
 - ☒ UQuad Mast
 - ☒ URear View Mirror
 - ☒ UU EE rating
 - ☒ UOne Rear Flood Light