

2, 000/2,500/3,000/3,200 lb Capacities

3 Wheel Electric Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

				B10R-5	B13R-5	B15R-5	B16R-5		
CHARACTERISTICS	2	Model							
	3	Load Capacity	at rated load center	lb(kg)	2000(1000)	2500(1250)	3000(1500)	3200(1600)	
	4	Load Center		in(mm)	24(500)	24(500)	24(500)	24(500)	
	5	Power type			electric	electric	electric	electric	
	6	Operator type			Driver seated	Driver seated	Driver seated	Driver seated	
	7	Tire type	P:Pneumatic, E:Solid Soft, C: Cushion		P,E	P,E	P,E	E	
	8	Wheels (x=Driven)			2 / 1x	2 / 1x	2 / 1x	2 / 1x	
	DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	118(3000)	118(3000)	118(3000)	118(3000)
10		Free Lift		in(mm)	5(130)	5(130)	5(130)	5(130)	
12		Fork Carriage	ISO Class		II	II	II	II	
13		Forks	Thickness x Width x Length	in(mm)	1.4 x 3.9 x 35.4 (35 x 100 x 900)	1.4 x 3.9 x 35.4 (35 x 100 x 900)	1.4 x 3.9 x 35.4 (35 x 100 x 900)	1.4 x 3.9 x 35.4 (35 x 100 x 900)	
			Fork Spacing(Min x Max)	in(mm)	7.9 x 35.6 (200 x 905)	7.9 x 35.6 (200 x 905)	7.9 x 35.6 (200 x 905)	7.9 x 35.6 (200 x 905)	
14		Tilt of Mast	Forward/Backward	deg	3 / 6	3 / 6	3 / 6	3 / 6	
15-20		Overall Dimensions	Length to Fork Face	in(mm)	67.3(1710)	68.3(1735)	69.3(1760)	70.3(1785)	
			Overall Width	in(mm)	39.2(996)	39.2(996)	39.2(996)	39.2(996)	
			Mast Lowered Height	in(mm)	79.7(2025)	79.7(2025)	79.7(2025)	79.7(2025)	
			Mast Extended Height	in(mm)	158.5(4025)	158.5(4025)	158.5(4025)	158.5(4025)	
			Overhead Guard Height	in(mm)	81.4(2067)	81.4(2067)	81.4(2067)	81.4(2067)	
			Seat Height	in(mm)	39.8(1010)	39.8(1010)	39.8(1010)	39.8(1010)	
21		Turning Radius	Minimum outside	in(mm)	54.3(1380)	55.3(1405)	56.3(1430)	57.3(1455)	
22		Load Moment Center		in(mm)	13.0(330)	13.0(330)	13.0(330)	13.0(330)	
23	Right Angle Stacking Aisle Width With Pallet 1000X1200 / 800X1200 [LXW]		in(mm)	119.6 / 124.4 (3039 / 3161)	120.6 / 125.4 (3064 / 3186)	121.6 / 126.4 (3089 / 3211)	122.6 / 127.4 (3114 / 3236)		
PERFORMANCE	24-26	Speed	Travel, Loaded/Unloaded	mph (km/h)	7.8 / 8.4 (12.5 / 13.5)	7.5 / 8.1 (12.0 / 13.0)	7.5 / 7.8 (12.0 / 12.5)	7.5 / 7.8 (12.0 / 12.5)	
			Lifting, Loaded/Unloaded	fpm (mm/s)	63.0 / 102.4 (320 / 520)	61.0 / 102.4 (310 / 520)	59.1 / 102.4 (300 / 520)	59.1 / 102.4 (300 / 520)	
			Lowering, Loaded/Unloaded	fpm (mm/s)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	
	28	Max. Drawbar pull	Loaded	lb(kg)	639.5(290)	787.2(357)	848.9(385)	780.6(354)	
30	Max. Gradeability	At 1.6 km/h, Loaded	%	19	19	16	15		
WEIGHT	32	Total Weight	with minimum weight of battery	lb(kg)	5404.5(2451)	6123.3(2777)	6507.0(2951)	6694.4(3036)	
	33	Axle Load at Loaded	Front / Rear	lb(kg)	6630.4 / 981.2 (3007 / 445)	7686.6 / 1192.9 (3486 / 541)	8727.4 / 1087.1 (3958 / 493)	9060.3 / 1162.0 (4109 / 527)	
	34	Axle Load at Unloaded	Front / Rear	lb(kg)	2811.4 / 2593.1 (1275 / 1176)	2912.8 / 3208.3 (1321 / 1455)	3104.6 / 3402.3 (1408 / 1543)	3060.5 / 3633.8 (1388 / 1648)	
CHASSIS	35		Number of wheels(Front/ Rear)		2 / 1	2 / 1	2 / 1	2 / 1	
	36	Tires	Size, Front		18 x 7-8	18 x 7-8	18 x 7-8	18 x 7-8	
			Size, Rear		18 x 7-8	18 x 7-8	18 x 7-8	18 x 7-8	
	38	Wheel Base	Distance (forward / vertical / back)	in(mm)	43.7 / 44.7 / 46.7 (1111 / 1135 / 1185)	43.7 / 44.7 / 46.7 (1111 / 1135 / 1185)	45.7 / 46.7 / 48.6 (1161 / 1185 / 1235)	45.7 / 46.7 / 48.6 (1161 / 1185 / 1235)	
	39	Tread Width	Front	in(mm)	33.1(840)	33.1(840)	33.1(840)	33.1(840)	
			Rear	in(mm)	0.0(0)	0.0(0)	0.0(0)	0.0(0)	
	40-41	Ground Clearance	Loaded	at lowest	in(mm)	3.3(85)	3.3(85)	3.3(85)	3.3(85)
				at center of wheelbase	in(mm)	3.5(90)	3.5(90)	3.5(90)	3.5(90)
	42-43	Brakes	Service		FOOT/ HYD	FOOT/ HYD	FOOT/ HYD	FOOT/ HYD	
			Parking		HAND / MECH	HAND / MECH	HAND / MECH	HAND / MECH	
POWER TRAIN	45	Battery	Type		LEAD-ACID	LEAD-ACID	LEAD-ACID	LEAD-ACID	
			Voltage/Capacity(Max)	V/AH	24 / 875	24 / 875	24 / 1000	24 / 1000	
			Minimum Weight	lb(kg)	992.1(450)	1322.8(600)	1488.1(675)	1488.1(675)	
	47-48	Electric Motors	Drive motor - 1 Hour Rating	HP(kW)	6.7(5)	6.7(5)	6.7(5)	6.7(5)	
			Hyd. Motor - 20% Duty	HP(kW)	9.4(7)	9.4(7)	9.4(7)	9.4(7)	
	54	Control Type	Drive and hydraulic	type	Inverter AC	Inverter AC	Inverter AC	Inverter AC	
55	Transfer	Brake Type	type	ODB	ODB	ODB	ODB		
57	Relief Pressure	System	psi(bar)	2305.5(159)	2305.5(159)	2305.5(159)	2537.5(175)		
		Attachment	psi(bar)	2305.5(159)	2305.5(159)	2305.5(159)	2305.5(159)		

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.