



**BROAGER
TRUCK SERVICE**

Kontakt os for et godt tilbud på
telefon 30 74 12 02



TECHNICAL SPECIFICATIONS

3 Wheel Electric Forklift Trucks

B13R / 15R / 16R-5 (24V Rear Wheel Drive)

1,250kg to 1,600kg Capacity

PRO5
SERIES

ac
technology



1,250/1,500/1,600 kg Capacities

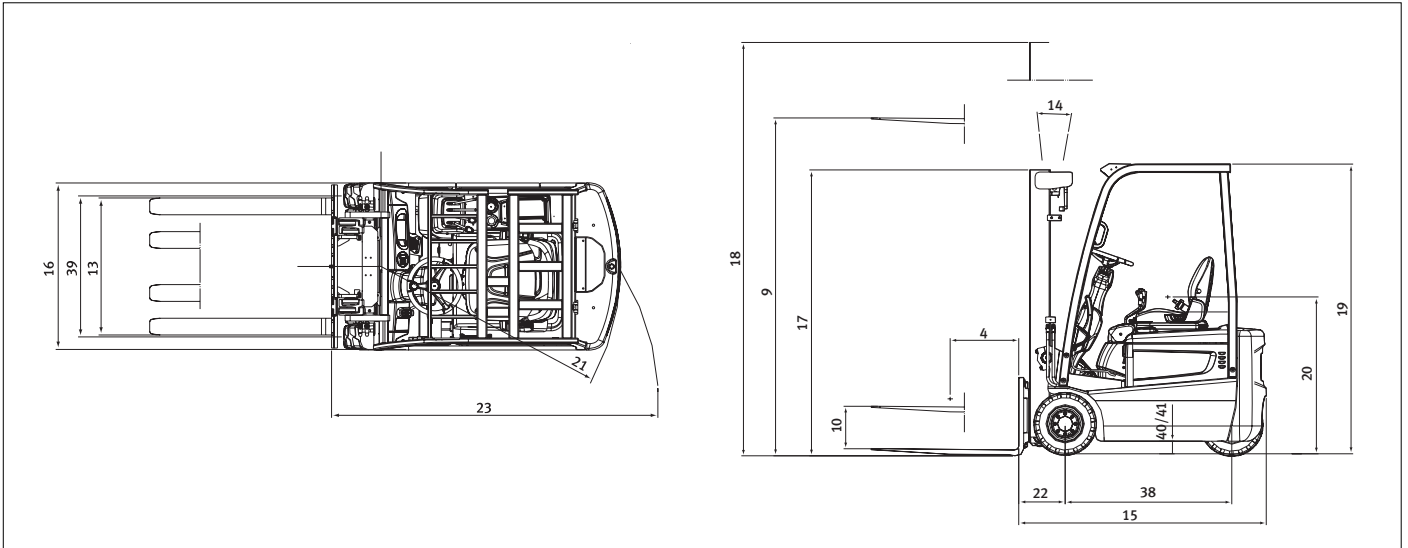
3 Wheel Electric Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	2	Model		B13R-5	B15R-5	B16R-5		
	3	Load Capacity	at rated load center	kg	1250	1500	1600	
	4	Load Center		mm	500	500	500	
	5	Power type			electric	electric	electric	
	6	Operator type			Driver seated	Driver seated	Driver seated	
	7	Tire type	P:Pneumatic, E:Solid Soft, C: Cushion		P,E	P,E	E	
	8	Wheels (x=Driven)			2 / 1x	2 / 1x	2 / 1x	
	DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	mm	3000	3000	3000
10		Free Lift		mm	130	130	130	
12		Fork Carriage	ISO Class		ⅴ—	ⅴ—	ⅴ—	
13		Forks	Thickness x Width x Length	mm	35 x 100 x 900	35 x 100 x 900	35 x 100 x 900	
			Fork Spacing(Min x Max)	mm	200 x 905	200 x 905	200 x 905	
14		Tilt of Mast	Forward/Backward	deg	3 / 6	3 / 6	3 / 6	
15		Overall Dimensions	Length to Fork Face	mm	1735	1760	1785	
			Overall Width	mm	996	996	996	
			Mast Lowered Height	mm	2025	2025	2025	
			Mast Extended Height	mm	4025	4025	4025	
			Overhead Guard Height	mm	2067	2067	2067	
20	Seat Height		mm	1010	1010	1010		
21	Turning Radius	Minimum outside	mm	1405	1430	1455		
22	Load Moment Center		mm	330	330	330		
23	Right Angle Stacking Aisle Width With Pallet 1000X1200 / 800x1200 [LXW]		mm	3064 / 3186	3089 / 3211	3114 / 3236		
PERFORMANCE	24	Speed	Travel, Loaded / Unloaded	km/h	12.0 / 13.0	12.0 / 12.5	12.0 / 12.5	
			Lifting, Loaded / Unloaded	mm/s	310 / 520	300 / 520	300 / 520	
			Lowering, Loaded / Unloaded	mm/s	500 / 450	500 / 450	500 / 450	
	28	Max. Drawbar pull	Loaded	kg	357	385	354	
30	Max. Gradeability	At 1.6 km/h, Loaded	%	19	16	15		
WEIGHT	32	Total Weight	with minimum weight of battery	kg	2777	2951	3036	
	33	Axle Load at Loaded	Front / Rear	kg	3486 / 541	3958 / 493	4109 / 527	
			Front / Rear	kg	1321 / 1455	1408 / 1543	1388 / 1648	
CHASSIS	35	Tires	Number of wheels(Front/ Rear)		2 / 1	2 / 1	2 / 1	
	36		Size, Front		18 x 7-8	18 x 7-8	18 x 7-8	
	37		Size, Rear		18 x 7-8	18 x 7-8	18 x 7-8	
	38	Wheel Base	Distance (forward / vertical / back)	mm	1111 / 1135 / 1185	1161 / 1185 / 1235	1161 / 1185 / 1235	
	39	Tread Width	Front	mm	840	840	840	
			Rear	mm	0	0	0	
	40	Ground Clearance	Loaded	at lowest	mm	85	85	85
	41			at center of wheelbase	mm	90	90	90
42	Brakes	Service		FOOT/ HYD	FOOT/ HYD	FOOT/ HYD		
43		Parking		HAND / MECH	HAND / MECH	HAND / MECH		
POWER TRAIN	45	Battery	Type		LEAD-ACID	LEAD-ACID	LEAD-ACID	
			Voltage/Capacity(Max)	V/AH	24 / 875	24 / 1000	24 / 1000	
			Minimum Weight	kg	600	675	675	
	47	Electric Motors	Drive motor - 1 Hour Rating	kW	5	5	5	
			Hyd. Motor - 20% Duty	kW	7	7	7	
	54	Control Type	Drive and hydraulic	type	Inverter AC	Inverter AC	Inverter AC	
55	Transfer	Brake Type	type	ODB	ODB	ODB		
57	Relief Pressure	System	bar	159	175	175		
		Attachment	bar	140	140	140		

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

B13R-5

Mast Type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height		Free Lift		Solid Soft Tire	Pneumatic Tire
			With Load Backrest	W/O Load Backrest	With Load Backrest	W/O Load Backrest	Tilt Angle	Tilt Angle
							FWD/BWD	FWD/BWD
	mm	mm	mm	mm	mm	mm	deg	deg
STD	3000	2025	4045	3600	130	130	3/6	3/6
STD	3300	2175	4345	3900	130	130	3/6	3/6
STD	3500	2275	4545	4100	130	130	3/6	3/6
STD	3700	2375	4745	4300	130	130	3/6	3/6
STD	4000	2575	5045	4600	130	130	3/6	3/6
STD	4500	2825	5545	5100	130	130	3/6	3/6
FF	2700	1875	3745	3325	870	1290	3/6	3/6
FF	3000	2025	4045	3625	1020	1440	3/6	3/6
FF	3300	2175	4345	3925	1170	1590	3/6	3/6
FFT	4000	1905	5050	4630	900	1320	3/5	3/5
FFT	4500	2070	5545	5125	1065	1485	3/5	3/5
FFT	4750	2155	5795	5375	1150	1570	3/5	3/5
FFT	5000	2270	6045	5625	1265	1685	3/5	3/5
FFT	5500	2505	6550	6130	1500	1920	3/5	3/5
FFT	6000	2670	7045	6625	1665	2085	3/5	3/5

B15R-5

Mast Type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height		Free Lift		Solid Soft Tire	Pneumatic Tire
			With Load Backrest	W/O Load Backrest	With Load Backrest	W/O Load Backrest	Tilt Angle	Tilt Angle
							FWD/BWD	FWD/BWD
	mm	mm	mm	mm	mm	mm	deg	deg
STD	3000	2025	4045	3600	130	130	3/6	3/6
STD	3300	2175	4345	3900	130	130	3/6	3/6
STD	3500	2275	4545	4100	130	130	3/6	3/6
STD	3700	2375	4745	4300	130	130	3/6	3/6
STD	4000	2575	5045	4600	130	130	3/6	3/6
STD	4500	2825	5545	5100	130	130	3/6	3/6
FF	2700	1875	3745	3325	870	1290	3/6	3/6
FF	3000	2025	4045	3625	1020	1440	3/6	3/6
FF	3300	2175	4345	3925	1170	1590	3/6	3/6
FFT	4000	1905	5050	4630	900	1320	3/5	3/5
FFT	4500	2070	5545	5125	1065	1485	3/5	3/5
FFT	4750	2155	5795	5375	1150	1570	3/5	3/5
FFT	5000	2270	6045	5625	1265	1685	3/5	3/5
FFT	5500	2505	6550	6130	1500	1920	3/5	3/5
FFT	6000	2670	7045	6625	1665	2085	3/5	3/5



B16R-5

Mast Type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height		Free Lift		Solid Soft Tire	Pneumatic Tire
			With Load Backrest	W/O Load Backrest	With Load Backrest	W/O Load Backrest	Tilt Angle	Tilt Angle
							FWD/BWD	FWD/BWD
mm	mm	mm	mm	mm	mm	deg	deg	
STD	3000	2025	4045	3600	130	130	3/6	-
STD	3300	2175	4345	3900	130	130	3/6	-
STD	3500	2275	4545	4100	130	130	3/6	-
STD	3700	2375	4745	4300	130	130	3/6	-
STD	4000	2575	5045	4600	130	130	3/6	-
STD	4500	2825	5545	5100	130	130	3/6	-
FF	2700	1875	3745	3325	870	1290	3/6	-
FF	3000	2025	4045	3625	1020	1440	3/6	-
FF	3300	2175	4345	3925	1170	1590	3/6	-
FFT	4000	1905	5050	4630	900	1320	3/5	-
FFT	4500	2070	5545	5125	1065	1485	3/5	-
FFT	4750	2155	5795	5375	1150	1570	3/5	-
FFT	5000	2270	6045	5625	1265	1685	3/5	-
FFT	5500	2505	6550	6130	1500	1920	3/5	-
FFT	6000	2670	7045	6625	1665	2085	3/5	-

(June.2011)



AUTHORIZED DEALER

**BROAGER
TRUCK SERVICE**

Kontakt os for et godt tilbud på
telefon 30 74 12 02



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