

CROWN

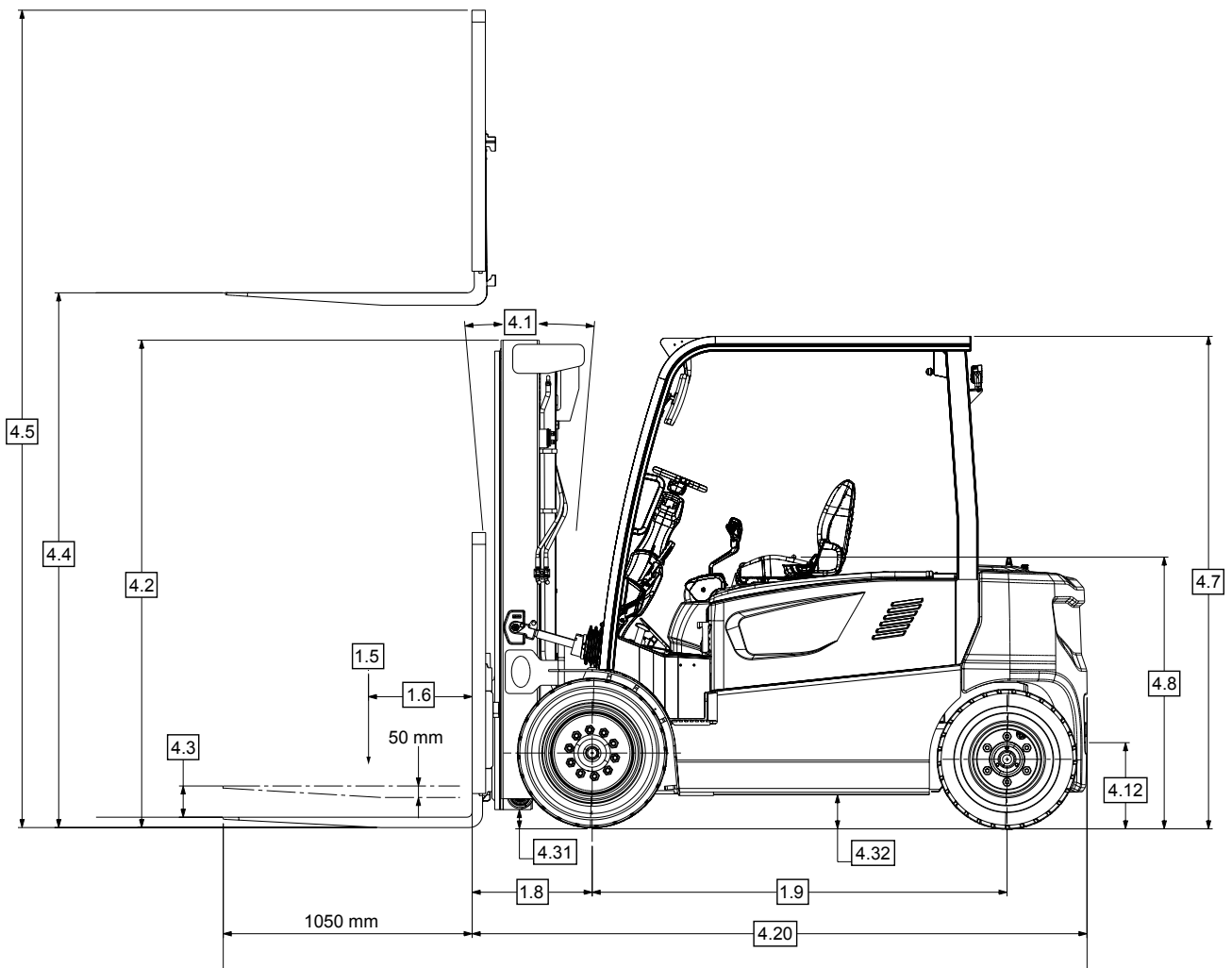
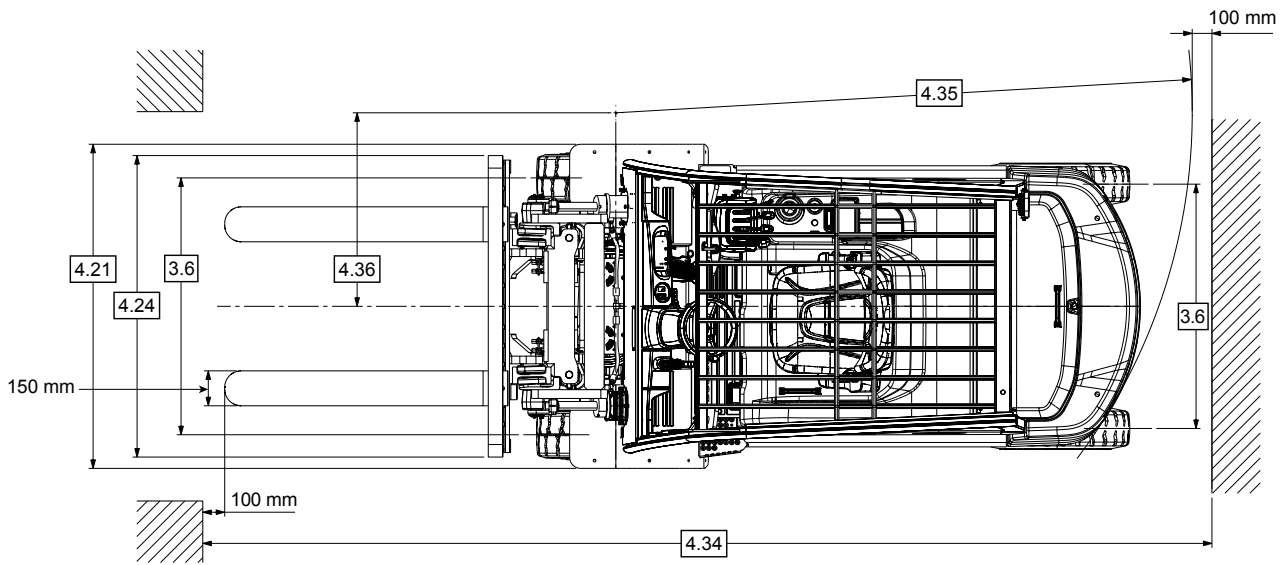
C-B

4,000 - 5,000 kg Capacity

Electric Pneumatic Tire

Specifications





C-B Series

Specifications

			CB40X-7	CB45X-7	CB50XC-7	CB50X-7		
Characteristics	1.2	Model						
	1.3	Power	Electric, Diesel, LPG, Gasoline				Electric	
	1.4	Operator Type	Sit-down Rider Counterbalance					
	1.5	Load Capacity	kg	4,000	4,500	4,990	5,000	
	1.6	Load Center	Fork Face to Load CG	mm	500			
	1.8	Load Distance	Center of Wheel to Fork Face	mm	572			
	1.9	Wheelbase	mm	2000				
Weight	2.1	Truck Weight	Less battery	kg	4,852	5,267	5,574	5,603
	2.2	Axle Load, Loaded	Front / Rear	kg	9874 / 1138	10607 / 1320	11415 / 1318	11450 / 1312
	2.3	Axle Load, Empty	Front / Rear	kg	3730 / 3282	3695 / 3732	3735 / 3998	3770 / 3992
Tires	3.1	Tire Type	Pneumatic, Super Elastic, Cushion				Super Elastic	
	3.2	Tire Size, Front	OD x Width x Rim Dia.	250 - 15	28 x 12.5 - 15	28 x 12.5 - 15	28 x 12.5 - 15	
	3.3	Tire Size, Rear	OD x Width x Rim Dia.	7.00 -12	7.00 -12	7.00 -12	7.00 -12	
	3.5	Wheels (x = driven)	Number Front / Rear	2x / 2				
	3.6	Track Width	Front / Rear	mm	1160 / 1111			
	Basic Dimensions	4.1	Mast Tilt	Forward / Backward	deg	See mast chart		
4.2		Mast Collapsed Height		mm	See mast chart			
4.3		Mast Free Lift Height		mm	See mast chart			
4.4		Mast Max. Lift Height		mm	See mast chart			
4.5		Mast Extended Lift Height		mm	See mast chart			
4.7		Overhead Guard Height		mm	2345	2350		
4.8		Seat Height		mm	1297	1303		
4.12		Tow Hitch Height		mm	415			
4.20		Headlength	Length to Fork Face	mm	2957	2987		
4.21		Overall Width		mm	1470			
4.22		Forks	L x W x T	mm	1050 x 150 x 50			
4.23		Fork Carriage	ISO 2328	class	III		IV	
4.24		Fork Carriage Width		mm	1250	1330		
4.31		Ground Clearance	Loaded, Lowest Point	mm	120	130		
4.32			Loaded, Center of Wheelbase	mm	160			
4.34.1		Working Aisle Width	Pallets 1000 x 1200 traverse	mm	4416	4417	4442	
4.34.2			Pallets 800 x 1200 length	mm	4655	4656	4681	
4.35		Turning Radius		mm	2620		2645	
4.36	Internal Turning Radius		mm	877	879			
Performance	5.1	Travel Speed	Empty	km/h	16			
		Loaded	km/h	15				
	5.2	Lift Speed	Empty	m/s	0.47			
		Loaded	m/s	0.35	0.33	0.31		
	5.3	Lower Speed	Empty	m/s	0.45			
		Loaded	m/s	0.48				
	5.6	Max. Drawbar Pull	Empty (5 Min. Rating)	N	18620			
		Loaded (5 Min. Rating)	N	18620				
5.8	Max. Gradeability	Empty (5 Min. Rating)	%	27	26	25		
	Loaded (5 Min. Rating)	%	17	16	15			
5.10	Brakes	Service Brake		Foot / Hyd				
		Parking Brake		Hand / Mechanical				
Electrical System	6.1	Traction Motor Output	60 min. rating	kW	10 x 2			
	6.2	Lift Motor Output	15% on Time	kW	28			
	6.3.1	Battery Size	DIN 43531, w/o rollers				DIN43536A	
			L x W x H	mm	999 x 1028 x 784			
	6.4	Battery Voltage		V	80			
	6.4.1	Battery Capacity	Nominal Capacity 5h	Ah	720			
	6.5	Battery Weight	Min	kg	2160			
Misc.	10.1	System Working Pressure		Bar	190	210	230	
	10.2	Accessory Working Pressure		Bar	155			
	10.3	Oil Volume for Attachments		lpm	28			
	10.7.1	Sound level	At drivers ear per EN 12053	dB(A)	70			

Note: Values listed in the specification sheet have been rounded. Performance may vary due to operation conditions and / or forklift configurations. Products and specifications are subject to change without prior notice.

Mast Chart CB40X-7 Forks Only

Mast Type	Maximum Fork Height	Mast Collapsed Height	Mast Extended Height*	Mast Free-lift Height*	FWD Tilt	BWD Tilt	Rated Load Capacities
	mm	mm	mm	mm	deg	deg	kg
TL	3000	2190	4265	160	6	9	4000
	3300	2340	4565	160	6	9	4000
	3650	2515	4915	160	6	9	4000
	4000	2840	5265	160	6	9	4000
	4250	2965	5515	160	6	9	4000
	4850	3415	6115	160	6	5	4000
	5250	3615	6515	160	6	5	3940
TF	3000	2170	4240	970	6	9	4000
TT	4000	2050	5265	850	6	9	4000
	4250	2140	5530	940	6	9	4000
	4500	2225	5790	1025	6	9	4000
	4700	2290	5980	1090	6	9	4000
	5150	2440	6430	1240	6	5	3940
	5600	2590	6880	1390	6	5	3810
	6050	2740	7330	1540	6	3	3670

Note: Mast specifications and rated capacities are based on standard chassis equipped with pneumatic tire.

* Heights include 1200 mm high load backrest.

Mast Chart CB45X-7 Forks Only

Mast Type	Maximum Fork Height	Mast Collapsed Height	Mast Extended Height*	Mast Free-lift Height*	FWD Tilt	BWD Tilt	Rated Load Capacities
	mm	mm	mm	mm	deg	deg	kg
TL	3000	2185	4265	160	6	9	4500
	3300	2335	4565	160	6	9	4500
	3650	2510	4915	160	6	9	4500
	4000	2835	5265	160	6	9	4500
	4250	2960	5515	160	6	9	4500
	4850	3410	6115	160	6	5	4500
	5250	3610	6515	160	6	5	4500
TF	3000	2165	4240	965	6	9	4500
TT	4000	2050	5265	850	6	9	4500
	4250	2135	5530	935	6	9	4500
	4500	2220	5785	1020	6	9	4500
	4700	2285	5980	1085	6	9	4500
	5150	2435	6430	1235	6	5	4500
	5600	2585	6880	1385	6	5	4350
	6050	2735	7330	1535	6	3	4225

Note: Mast specifications and rated capacities are based on standard chassis equipped with pneumatic tire.

* Heights include 1200 mm high load backrest.

Mast Chart CB50XC-7 Forks Only

Mast Type	Maximum Fork Height	Mast Collapsed Height	Mast Extended Height*	Mast Free-lift Height*	FWD Tilt	BWD Tilt	Rated Load Capacities
	mm	mm	mm	mm	deg	deg	kg
TL	3000	2185	4265	160	6	9	4990
	3300	2335	4565	160	6	9	4990
	3450	2410	4715	160	6	9	4990
	3650	2510	4915	160	6	9	4990
	4000	2835	5265	160	6	9	4990
	4250	2960	5515	160	6	9	4990
	4850	3410	6115	160	6	5	4990
TF	3000	2165	4240	965	6	9	4990
TT	4000	2050	5265	850	6	9	4990
	4250	2135	5530	935	6	9	4990
	4500	2220	5785	1020	6	9	4990
	4700	2285	5980	1085	6	9	4990
	5150	2435	6430	1235	6	5	4810
	5600	2585	6880	1385	6	5	4660
	6050	2735	7330	1535	6	3	4480
6500	2885	7780	1685	6	3	4340	

Note: Mast specifications and rated capacities are based on standard chassis equipped with pneumatic tire.

* Heights include 1200 mm high load backrest.

Mast Chart CB50X-7 Forks Only

Mast Type	Maximum Fork Height	Mast Collapsed Height	Mast Extended Height*	Mast Free-lift Height*	FWD Tilt	BWD Tilt	Rated Load Capacities
	mm	mm	mm	mm	deg	deg	kg
TL	3000	2185	4415	160	6	9	5000
	3300	2335	4715	160	6	9	5000
	3450	2410	4865	160	6	9	5000
	3650	2510	5065	160	6	9	5000
	4000	2835	5415	160	6	9	5000
	4250	2960	5665	160	6	9	5000
	4850	3410	6265	160	6	5	5000
TF	3000	2165	4390	815	6	9	5000
TT	4000	2050	5415	700	6	9	5000
	4250	2135	5680	785	6	9	5000
	4500	2220	5935	870	6	9	5000
	4700	2285	6130	935	6	9	4990
	5150	2435	6580	1085	6	5	4810
	5600	2585	7030	1235	6	5	4660
	6050	2735	7480	1385	6	3	4480
6500	2885	7930	1535	6	3	4340	

Note: Mast specifications and rated capacities are based on standard chassis equipped with pneumatic tire.

* Heights include 1200 mm high load backrest.

Standard Features

1. Emergency disconnect switch
2. 80V electrical system
3. AC traction and hydraulic systems
4. IP65 rated controllers
5. IP43 rated motors
6. Rugged steer axle with large king pins and tapered roller bearings
7. Regen motor-assist braking
8. Oil-cooled disc brakes
9. Brake oil level indicator
10. Ramp hold
11. Cornering speed control
12. Turtle mode
13. Operator design features
 - Clear view overhead guard and mast design
 - Wide spacious floorboard
 - Operator Sensing System (OSS)
 - Park brake alarm
 - Entry grab bar
 - LCD display
 - Seatbelt indicator
 - Adjustable steer column
 - Small steering wheel
 - USB port
 - 12V electrical outlet
 - Cup holder
 - Economy, standard, and high performance modes

Optional Equipment

1. Tilt Position Assist
2. IP54 rated motors
3. Operator design features
 - Directional control on lift lever
 - Fingertip controls with integrated directional control and emergency disconnect switch
 - Steering wheel spinner knob
 - Mirrors
 - Foot operated directional control pedal
4. Lights
 - Combination lights - LED
Front - Worklights & turn signals
 - Rear - stop, tail, backup and turn signals
 - Rear worklight - LED
5. Audible warning devices
 - Travel alarm
 - Smart travel alarm
6. Visual warning devices
 - Flashing light
 - Floor spot light (blue light)
7. Attachments
 - Hang-on sideshifter
 - Integral sideshifting fork positioner
8. Freezer package
9. EE rating
10. Battery rollers
11. Tilt cylinder bellows
12. Quick disconnect hydraulics
13. InfoLink® ready

Warning Device Options

Audible or Visual Alerts

Safety considerations and dangers associated with audible travel alarms and lights include:

- Multiple alarms and/or lights can cause confusion.
- Workers ignore the alarms and/or lights after day-in and day-out exposure.
- Operator may transfer the responsibility for “looking out” to the pedestrians.
- Annoys operators and pedestrians.

Other Options Available

Contact factory for additional options.

Dimensions and performance data given may vary due to manufacturing tolerances. Performance is based on an average size vehicle and is affected by weight, condition of truck, how it is equipped and the conditions of the operating area. Crown products and specifications are subject to change without notice.

**Crown Equipment Corporation**

New Bremen, Ohio 45869 USA

Tel 419-629-2311

Fax 419-629-3796

crown.com

Because Crown is continually improving its products, specifications are subject to change without notice.

Notice: Not all products and product features are available in all countries in which this literature is published.

Crown, the Crown logo, the color beige, the Momentum symbol, and InfoLink are trademarks of Crown Equipment Corporation in the United States and other countries.

Copyright 2020 Crown Equipment Corporation
SF20328-EM 12-20
Printed in U.S.A.