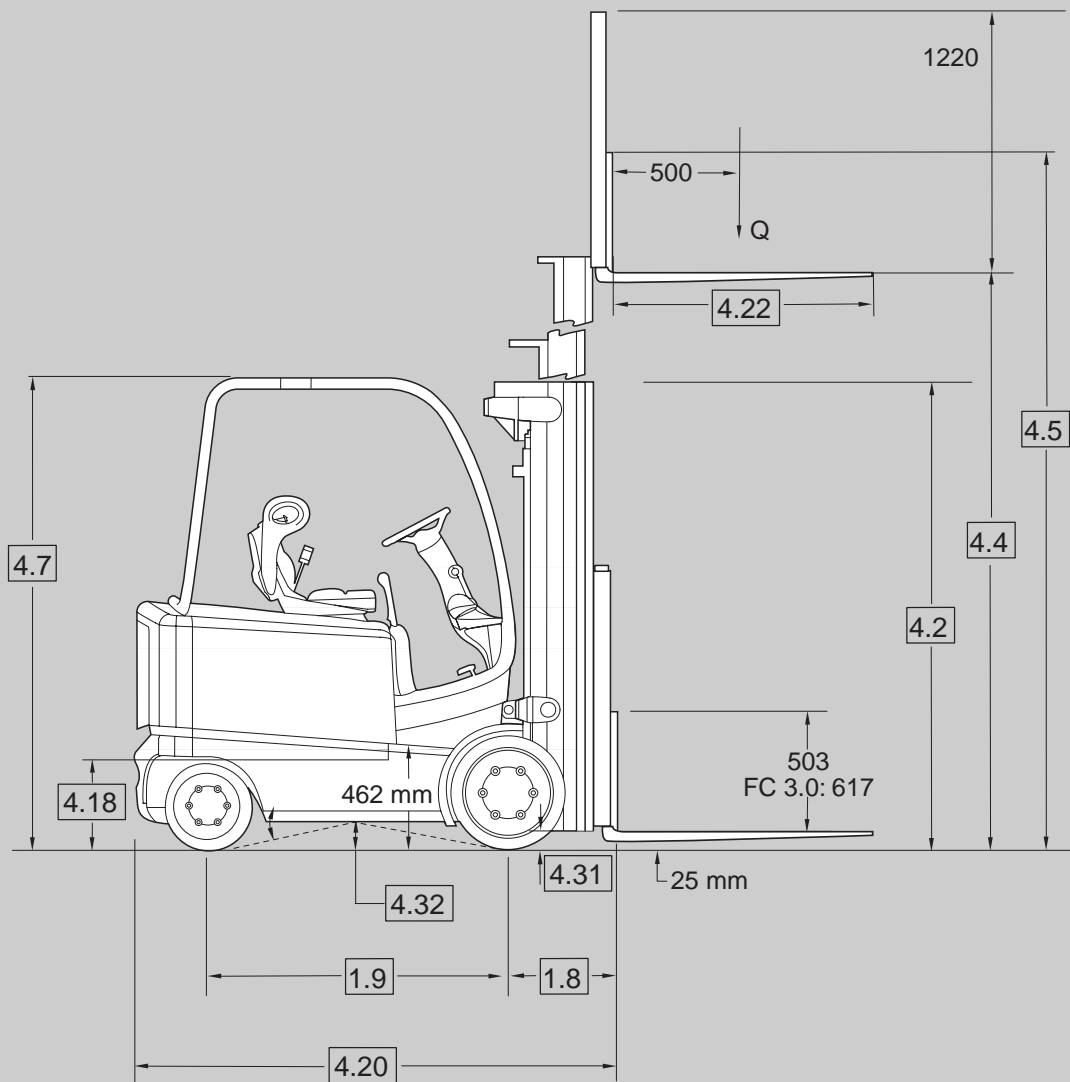
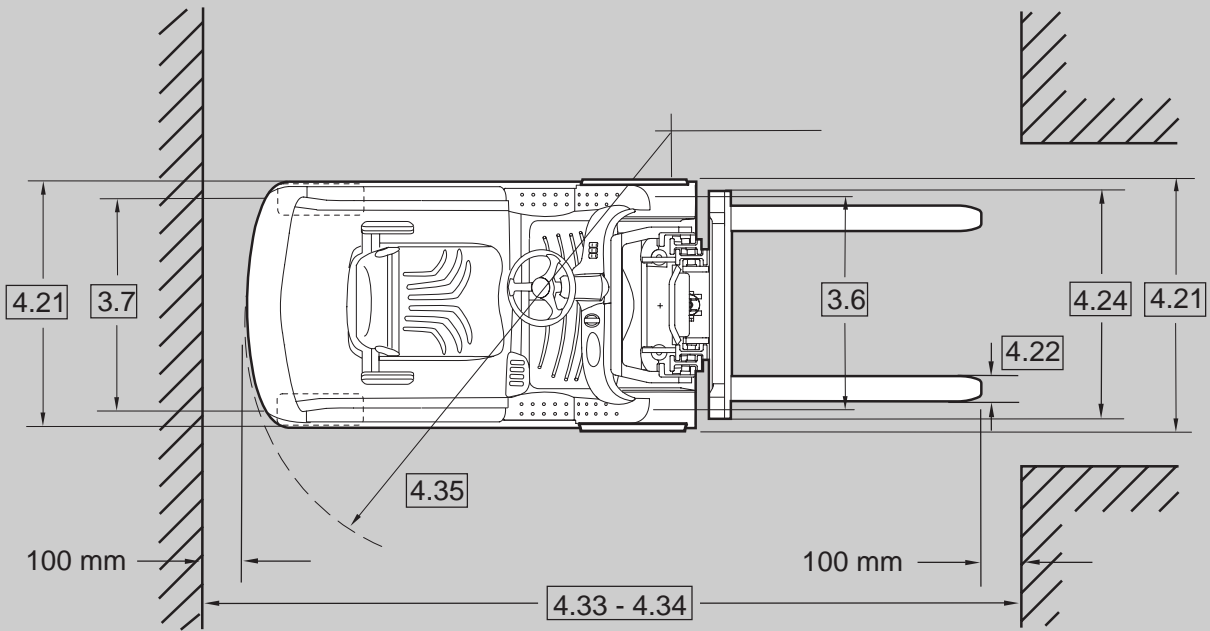


CROWN

FC 4000 Series
four wheel counterbalanced truck



specifications



Specification Data

General Informations	1.1	Manufacturer			Crown Equipment Corporation		
	1.2	Model			FC 4010-2.0	FC 4020-2.0	
	1.3	Power			electric		
	1.4	Operator Type			Sitdown Counterbalanced		
	1.5	Load Capacity		Q	t	2.0	
	1.6	Load Centre		c	mm	500	
	1.8	Load Distance		X	mm	401	
	1.9	Wheel Base		y	mm	1262	1389
	Weight	2.1	Weight	less battery		kg	3225
2.2		Axle Load	w. load front / rear		kg	5337 / 840	5235 / 998
2.3		Axle Load	w.o. load front / rear		kg	2131 / 2264	2160 / 2290
Tyres	3.1	Tyre Type				Rubber	
	3.2	Wheel Size	front		inch / mm	21 x 7 - 15" / 533 x 178 x 381	
	3.3	Wheel Size	rear		inch / mm	16 x 6 - 10.5" / 406 x 152 x 267	
	3.5	Wheels	number (x-driven) front/rear			2 x / 2	
	3.6	Track Width	front, standard / option	b10	mm	925 / 1030	
	3.7	Track Width	rear	b11	mm	915	
	Dimensions	4.1	Mast Tilt	forward / backward	degree	°	see table of dimensions
4.2		Mast	collapsed height	h1	mm	see table of dimensions	
4.3		Free Lift	w.o. lbr.	h2	mm	see table of dimensions	
4.4		Lift Height		h3	mm	see table of dimensions	
4.5		Mast	extended height, w.o. lbr	h4	mm	see table of dimensions	
4.7		Overhead Guard Height		h6	mm	2185	
4.8		Seat Height	static / suspension seat	h7	mm	1216 / 1243	
4.12		Tow Hitch Height		h10	mm	240	
4.15		Lowered Fork Height		h13	mm	70	
4.18		Battery Floor Height	w / w.o. rollers		mm	442 / 434	
4.20		Headlength		l2	mm	1976	2134
4.21		Width Overall	standard front / rear		mm	1105 / 1100	
			option track enlargement front/rear		mm	1207 / 1100	
4.22		Fork Dimensions		thxwxl	mm	45x105x800/915/1065/1100/1145/1220/1370/1525	
4.23		Fork Carriage	ISO class			2 A	
4.24		Fork Carriage Width	incl. lbr, standard / option	b3	mm	965 / 1120	
4.31	Ground Clearance	with load below mast	m1	mm	76		
4.32	Ground Clearance	centre wheelbase	m2	mm	122		
4.33	Working Aisle Width	1000 x 1200 traverse	Ast	mm	3355	3515	
4.34	Working Aisle Width	800 x 1200 length	Ast	mm	3555	3715	
4.35	Turning Radius		Wa	mm	1755	1913	
4.36	Small. Ins. Turning Radius		b13	mm	483	534	
Performance	5.1	Travel Speed	w. / w.o. load		km/h	16.4 / 17.7	
	5.2	Lift Speed	w. / w.o. load		m/s	0.38 / 0.51	
	5.3	Lowering Speed			m/s	0.43	
	5.9	Acceleration Time	w. / w.o. load		s	5.7 / 5.4	
	5.10	Service Brake	parking / service			hydraulic	
Motors	6.1	Traction Motor	60 min.rating		kW	11.6	
	6.2	Lift Motor	15% in time		kW	11.5	
	6.3	Max. Battery Box Size		lxwxh	mm	688 x 982 x 593	845 x 982 x 593
	6.4	Battery Voltage	nominal capacity 5h		V/Ah	675	900
	6.5	Battery Weight	min. / max.		kg	1171 / 1425	1247 / 1781
Misc.	8.1	Type of Control	drive / lift standard / lift option			SCR control / contactor / SCR control	
	8.2	Available Working Pressure for Attachments			bar	211	

Specification Data

General Informations	1.1	Manufacturer			Crown Equipment Corporation			
	1.2	Model			FC 4010-2.5	FC 4020-2.5	FC 4040-2.5	
	1.3	Power			electric			
	1.4	Operator Type			Sitdown Counterbalanced			
	1.5	Load Capacity	Q	t	2.5			
	1.6	Load Centre	c	mm	500			
	1.8	Load Distance	X	mm	401			
	1.9	Wheel Base	y	mm	1262	1389	1389	
	Weight	2.1	Weight	less Battery	kg	3602	3444	3319
2.2		Axle Load	w. load front / rear	kg	6062 / 936	6073 / 844	5991 / 934	
2.3		Axle Load	w. o. load front / rear	kg	2055 / 2718	2232 / 2459	2150 / 2549	
Tyres	3.1	Tyre Type			Rubber			
	3.2	Wheel Size	front	inch / mm	21 x 8 - 15" / 533 x 203 x 381			
	3.3	Wheel Size	rear	inch / mm	16 x 6 - 10.5" / 406 x 152 x 267			
	3.5	Wheels	number (x-driven) front/rear		2 x / 2			
	3.6	Track Width	front, standard / option	b10	mm	900 / 1005		
	3.7	Track Width	rear	b11	mm	915		
	Dimensions	4.1	Mast Tilt	forward/backward	degree	°	see table of dimensions	
4.2		Mast	collapsed height	h1	mm	see table of dimensions		
4.3		Free Lift	w. o. lbr	h2	mm	see table of dimensions		
4.4		Lift Height		h3	mm	see table of dimensions		
4.5		Mast	extended height, w. o. lbr	h4	mm	see table of dimensions		
4.7		Overhead Guard Height		h6	mm	2185		
4.8		Seat Height	static / suspension seat	h7	mm	1216 / 1243		
4.12		Tow Hitch Height		h10	mm	240		
4.15		Lowered Fork Height		h13	mm	70		
4.18		Battery Floor Height	with / w.o roller		mm	442 / 434		
4.20		Headlength		l2	mm	2062	2134	2212
4.21		Width Overall	standard front / rear		mm	1105 / 1100		
			option track enlargement front / rear		mm	1207 / 1100		
4.22		Fork Dimensions		thxwxl	mm	45 x 100 x 915 / 1065 / 1220 / 1370 / 1525		
4.23		Fork Carriage	ISO class			2 A		
4.24		Fork Carriage Width	incl. lbr, standard / option	b3	mm	965 / 1120		
4.31	Ground Clearance	with load below mast	m1	mm	76			
4.32	Ground Clearance	centre wheelbase	m2	mm	122			
4.33	Working Aisle Width	1000 x 1200 traverse	Ast	mm	3430	3515	3582	
4.34	Working Aisle Width	800 x 1200 length	Ast	mm	3630	3716	3782	
4.35	Turning Radius		Wa	mm	1826	1915	1981	
4.36	Small. Ins. Turning Radius		b13	mm	483	534	534	
Performance	5.1	Travel Speed	w. / w. o. load		km/h	15.9 / 17.5		
	5.2	Lift Speed	w. / w. o. load		m/s	0.36 / 0.51		
	5.3	Lowering Speed			m/s	0.43		
	5.9	Acceleration Time	w. / w. o. load		s	5.9 / 5.4		
	5.10	Service Brake	parking / service			hydraulic		
Motors	6.1	Traction Motor	60 min. rating		kW	11.6		
	6.2	Lift Motor	15 % on time		kW	11.5		
	6.3	Max. Battery Box Size		lxwxh	mm	688x982x593	845x982x593	923x982x593
	6.4	Battery Voltage	nominal capacity 5h		V/Ah	675	900	900
	6.5	Battery Weight	min. / max.		kg	1171 / 1425	1247 / 1781	1380 / 1892
Misc.	8.1	Type of Control	drive / lift standard / lift option			SCR control / contactor / SCR control		
	8.2	Available Working Pressure for Attachments			bar	211		

Specification Data

General Informations	1.1	Manufacturer			Crown Equipment Corporation		
	1.2	Model			FC 4020-3.0	FC 4040-3.0	
	1.3	Prime Mover			electric		
	1.4	Operator Type			Sitdown Counterbalanced		
	1.5	Load Capacity		Q	t	3.0	
	1.6	Load Centre		c	mm	500	
	1.8	Load Distance		X	mm	409	
	1.9	Wheel Base		y	mm	1389	1389
	Weight	2.1	Weight	less battery		kg	3868
2.2		Axle Load	w. load front / rear		kg	6841 / 946	6713 / 1001
2.3		Axle Load	w. o. load front / rear		kg	2219 / 2895	2092 / 2951
Tyres	3.1	Tyre Type				Rubber	
	3.2	Wheel Size	front		inch / mm	21 x 9 - 15" / 533 x 229 x 381	
	3.3	Wheel Size	rear		inch / mm	16 x 7 - 10.5" / 406 x 178 x 267	
	3.5	Wheels	number (x-driven) front/rear			2 x / 2	
	3.6	Track Width	front, standard / option	b10	mm	920 / 990	
	3.7	Track Width	rear	b11	mm	915	
	Dimensions	4.1	Mast Tilt	forward / backward	degree	°	see table of dimensions
4.2		Mast	collapsed height	h1	mm	see table of dimensions	
4.3		Free Lift	w. o. lbr	h2	mm	see table of dimensions	
4.4		Lift Height		h3	mm	see table of dimensions	
4.5		Mast	extended height, w. o. lbr	h4	mm	see table of dimensions	
4.7		Overhead Guard Height		h6	mm	2185	
4.8		Seat Height	static / suspension seat	h7	mm	1216 / 1243	
4.12		Tow Hitch Height		h10	mm	240	
4.15		Lowered Fork Height		h13	mm	70	
4.18		Battery Floor Height	with / w.o roller		mm	442 / 434	
4.20		Headlength		l2	mm	2228	2306
4.21		Width Overall	standard front / rear		mm	1145 / 1100	
			option track enlargement front/rear		mm	1220 / 1100	
4.22		Fork Dimensions		thxwxl	mm	45 x 125 x 915 / 1065 / 1220 / 1370 / 1525	
4.23		Fork Carriage	ISO class			3 A	
4.24		Fork Carriage Width	incl. lbr, standard / option	b3	mm	965 / 1120	
4.31	Ground Clearance	lowest point	m1	mm	76		
4.32	Ground Clearance	centre wheelbase	m2	mm	122		
4.33	Working Aisle Width	1000 x 1200 traverse	Ast	mm	3595	3665	
4.34	Working Aisle Width	800 x 1200 length	Ast	mm	3795	3865	
4.35	Turning Radius		Wa	mm	1986	2055	
4.36	Small. Ins. Turning Radius		b13	mm	534	534	
Performance	5.1	Travel Speed	w. / w. o. load		km/h	15.3 / 17.4	
	5.2	Lift Speed	w. / w. o. load		m/s	0.34 / 0.51	
	5.3	Lowering Speed			m/s	0.43	
	5.9	Acceleration Time	w. / w. o. load		sec	6.1 / 5.5	
	5.10	Service Brake	parking / service			hydraulic	
Motors	6.1	Traction Motor	60 min. rating		kW	11.6	
	6.2	Lift Motor	15 % on time		kW	11.5	
	6.3	Max. Battery Box Size		lxwxh	mm	845 x 982 x593	923 x 982 593
	6.4	Battery Voltage	nominal capacity 5h		V/Ah	900	900
	6.5	Battery Weight	min. / max.		kg	1247 / 1781	1380 / 1892
Misc.	8.1	Type of Control	drive / lift standard / lift option			SCR control / contactor / SCR control	
	8.2	Available Working Pressure for Attachments			bar	211	

Table of Dimensions and Technical Information

Mast Type FC 4000 – 2.0 and 2.5				TL			TT							
4.4	Lift Height	h3	mm	3200	3505	3810	4775	5230	5485	5865	6245	6555	7010	7390
4.5	Mast, extended height *	h4	mm	3790	4095	4400	5390	5850	6100	6485	6865	7120	7630	8010
4.2	Mast, collapsed height	h1	mm	2110	2260	2415	2110	2260	2415	2565	2720	2870	3025	3175
4.3	Free lift *	h2	mm	150	150	150	1490	1645	1795	1950	2100	2255	2405	2560
4.1	Tilt forward limited to 2° at lift height above Mast tilt forwards/backwards	mm	degree	1980	1980	1980	1675	1830	1980	2135	2285	2440	2590	2745
				5 / 5			5 / 5							

Mast Type FC 4000 – 2.0 and 2.5				Quad				
4.4	Lift Height	h3	mm	6095	6550	7010	7465	7925
4.5	Mast, extended height *	h4	mm	6755	7215	7670	8125	8585
4.2	Mast, collapsed height	h1	mm	2110	2260	2415	2566	2718
4.3	Free lift *	h2	mm	1500	1650	1805	1950	2100
4.1	Tilt forward limited to 2° at lift height above Mast tilt forwards/backwards	mm	degree	1730	1880	2035	2785	2340
				3 / 5				

* w/o load backrest
 (with 1220 mm load backrest:
 TL Mast extended height + 602 mm
 TT Mast extended height + 602 mm
 free lift - 602 mm
 Quad Mast extended height + 615 mm
 free lift - 615 mm)

Mast Type FC 4000 – 3.0				TL			TT							
4.4	Lift Height	h3	mm	2995	3300	3605	4570	5030	5280	5665	6045	6345	6805	7190
4.5	Mast, extended height *	h4	mm	3665	3970	4275	5190	5645	5900	6280	6665	6965	7630	8010
4.2	Mast, collapsed height	h1	mm	2110	2260	2415	2110	2260	2415	2565	2720	2870	3025	3175
4.3	Free lift *	h2	mm	150	150	150	1490	1645	1795	1945	2100	2255	2405	2560
4.1	Tilt forward limited to 2° at lift height above Mast tilt forwards/backwards	mm	degree	1980	1980	1980	1675	1830	1980	2135	2285	2440	2590	2745
				5 / 5			5 / 5							

Push & Pull FC 4000 [▲] – 2.0 / 2.5 (n.a. on 3.0 Models)				
		Platen outside dim.	Capacity	Load Center
No Sideshift	35E-PPB-Q004*	865 - 1065 mm	1600 kg	610 mm
	45E-PPB-Q004*	865 - 1065 mm	2050 kg	610 mm
With Sideshift	35E-PPS-Q004**	865 - 1065 mm	1600 kg	610 mm
	45E-PPS-Q004**	865 - 1065 mm	2050 kg	610 mm
QFM	35E-QPB-Q002*	865 - 1015 mm	1600 kg	610 mm
	45E-QPB-Q002*	865 - 1015 mm	2050 kg	610 mm

▲ Fork plate length/width: Q004 = 1220/455 mm Q002 = 1065/380 mm
 ▲ QFM: Quick fork mount / must order 1065 mm or 1220 mm forks
 * Requires at least single function hydraulics
 ** Requires at least double function hydraulics

Sideshifting Carton Clamp FC 4000 – 2.0 / 2.5 (n.a. on 3.0 Models)				
	Opening Range	Contact Plates (lxh)	Capacity	Load Center
35D-CCS-35Q**	500 - 1760 mm	1220 x 1220 mm	1600 kg	610 mm

Sideshifting Fork Positioner (n.a. on 965 mm wide carriage)		
FC 4000 2.0 / 2.5	Opening Range	Capacity
55F-FPS-A037**	280 - 872 mm	2500 kg
55F-FPS-A041**	280 - 972 mm	2500 kg
55F-FPS-A049**	280 - 1177 mm	2500 kg
FC 4000 3.0		
100F-FPS-B041**	346 - 946 mm	4600 kg
100F-FPS-B049**	346 - 1151 mm	4600 kg

Standard Equipment

- 48 V system.
- CROWN drive system with GE EV-100 ZX SCR.
- Crown-manufactured drive and lift motors.
- Huge entry/exit "window".
- Wide placed tubular OHG uprights for easy hand hold.
- Operator entry/exit: 460 mm step height.
- Operator compartment design features:
 - Low, streamlined cowl for fork and floor visibility.
 - Large, uncluttered floor area.
 - No tool lift out floorboards.
 - Rounded floorboard edges.
- Rubber floor mat/rubber covered pedals.
- Compact tilt steering wheel and column.
- Infinite adjustment steering wheel column.
- Fingertip applied/released parking brake with tone alert.
- Natural position for forward/reverse selector.
- Hour meter/BDI/fault memory.
- Exclusive power disc brake with regenerative motor plugging.
- Intrinsic stability system:
 - Travel speed reduction when forks above mast staging.
 - Forward tilt / lift interlock.
- Urethane covered control handles with tactile feedback.
- High visibility mast with in-line hose routing.
- O-ring face seal hydraulic fittings.
- Battery disconnect handle.
- Contoured battery deck lid.
- Lift out or side removal battery access.
- Battery side retainer with interlock and fault identification.
- CROWN's InfoPoint(tm) Feature.
- Color-coded wiring.
- SBE320 blue battery connector.
- EU Compliance.

European Manufacturing:

Crown Gabelstapler GmbH
 Roding, Germany

Crown Equipment
 Galway, Ireland

