

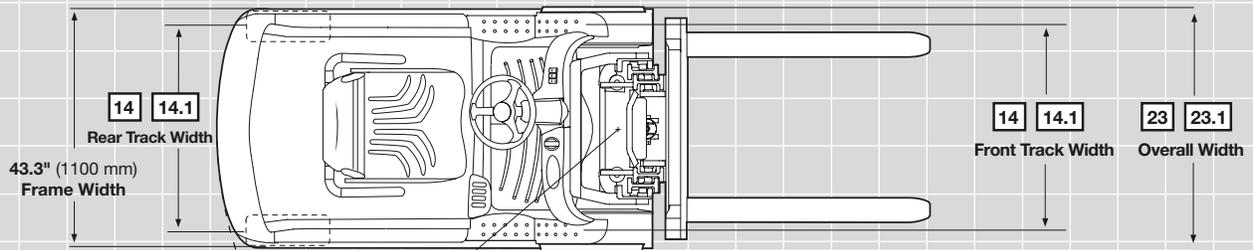
CROWN

FC 5700 SERIES

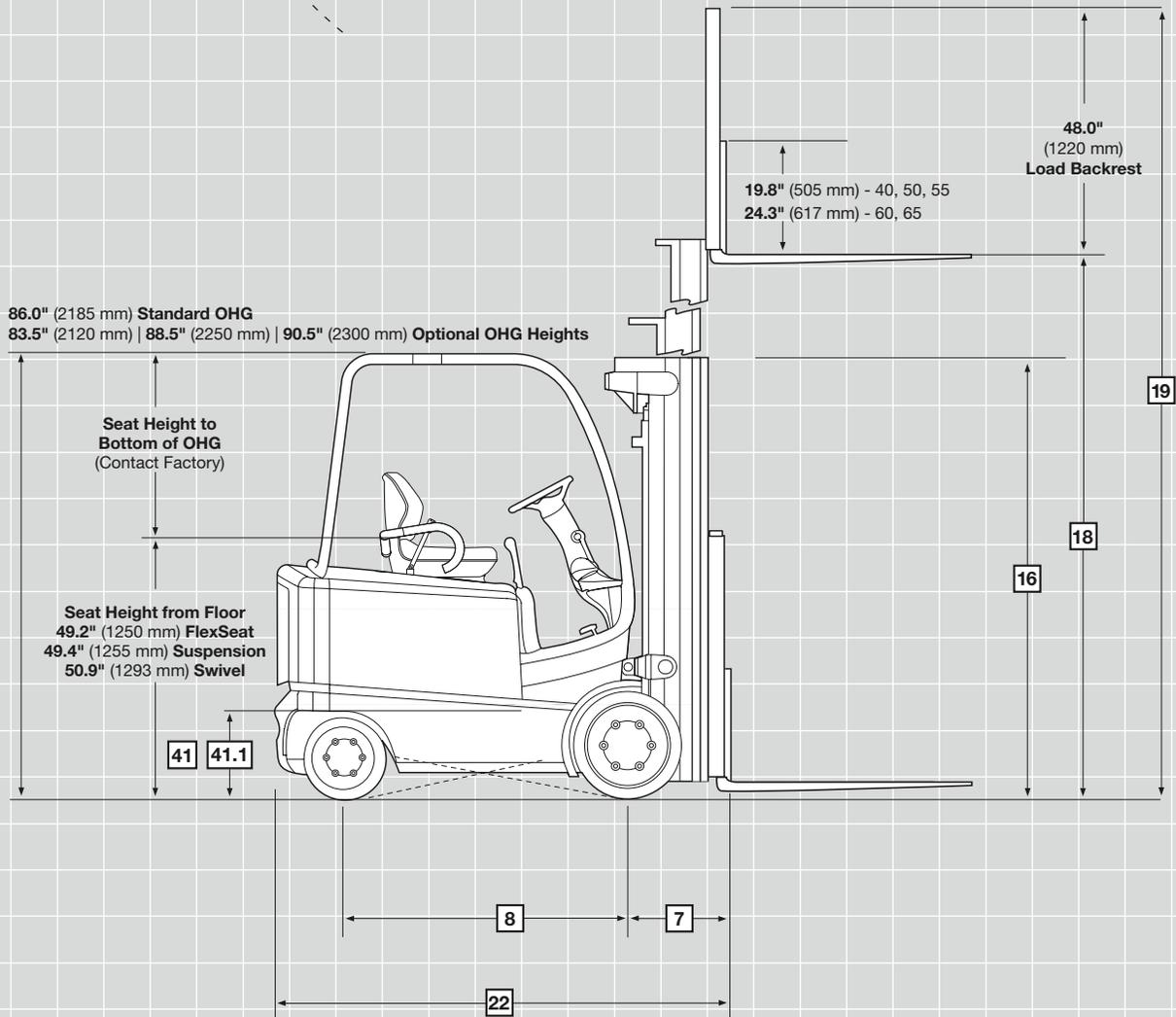
Specifications

Sit-Down Rider Lift Truck





28



FC 5700 Series

Specifications

			Imperial	Metric	Imperial	Metric		
General Information	1	Manufacturer	Crown Equipment Corporation					
	2	Model	FC 5715-40		FC 5725-40			
	3	Power (Fuel) Type	Electric					
	4	Operator Type	Sit-down Rider					
	5	Load Capacity	lb kg	4,000	1810	4,000	1810	
	6	Load Center	Per ANSI B56.1	in mm	24	600	24	600
	7	Load Distance	TT Mast, Forks only	in mm	15.8	400	15.8	400
	8	Wheelbase		in mm	49.7	1260	54.7	1390
Weights	9	Truck Weight	Less Battery	lb kg	Contact Factory			
	9.1	Axle Load, Loaded	Front / Rear	lb kg	Contact Factory			
	9.2	Axle Load, Empty	Front / Rear	lb kg	Contact Factory			
Tires	10	Tire Type	Cushion, Solid Pneumatic, Pneumatic					
	11	Tire Size, Front	in mm	21 x 7 x 15	533 x 178 x 381	21 x 7 x 15	533 x 178 x 381	
	12	Tire Size, Rear	in mm	16 x 6 x 10.5	406 x 152 x 267	16 x 6 x 10.5	406 x 152 x 267	
	13	Wheels	Number (x = driven) Front / Rear	2x / 2				
	14	Track Width	Standard, Front / Rear	in mm	36.9 / 36.0	937 / 914	36.9 / 36.0	937 / 914
	14.1	Track Width	Wide, Front / Rear	in mm	40.5 / 36.0	1029 / 914	40.5 / 36.0	1029 / 914
Dimensions	15	Mast	Tilt	deg	See Mast Charts			
	16		Collapsed Height	in mm				
	17		Free Lift	in mm				
	18		Lift Height	in mm				
	19		Extended Height	in mm				
	20	Overhead Guard Height	in mm	See Line Drawing				
	21	Seat Height	From floor to SIP					in mm
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG	in mm	Contact Factory			
	22	Headlength	TT mast, forks only	in mm	78.4	1990	84.6	2150
	23	Overall Width	Standard Tread	in mm	43.9	1115	43.9	1115
	23.1		Wide Tread	in mm	47.5	1210	47.5	1210
24	Forks	Standard L x W x T	in mm	36 x 4 x 1.8	915 x 102 x 46	36 x 4 x 1.8	915 x 102 x 46	
25	Fork Carriage		in mm	ITA Class II				
26	Ground Clearance	Loaded Below Mast	in mm	3	76	3	76	
26.1		Center of Wheelbase	in mm	4.8	122	4.8	122	
27	Working Aisle Width	Minimum non-intrusive right angle stack	in mm	Calculate using RAS Calculator				
28	Turning Radius	TT Mast, Forks only	in mm	66.6	1690	72.1	1830	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty	mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	29.1		48V, Loaded / Empty	mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	30	Travel Speed, Power Unit First	36V, Loaded / Empty	mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	30.1		48V, Loaded / Empty	mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	31	Lift Speed	36V, Loaded / Empty	fpm m/s	86 / 115	0.44 / 0.58	86 / 115	0.44 / 0.58
	31.1		48V, Loaded / Empty	fpm m/s	113 / 115	0.57 / 0.58	113 / 115	0.57 / 0.58
	32	Lowering Speed	Standard, Loaded / Empty	fpm m/s	90 / 90	0.46 / 0.46	90 / 90	0.46 / 0.46
	32.1		Bionic Controls, Loaded / Empty	fpm m/s	100 / 100	0.51 / 0.51	100 / 100	0.51 / 0.51
	33	Drawbar Pull	Loaded / Empty (60 min. rating)	lbf N	Contact Factory			
	34	Gradeability	Loaded / Empty (30 min. rating)	%				
35	Brake	Service / Park		Foot - Motor / Auto - Electro-mechanical				
Motors / Batteries	36	Traction Motor	36V, 60 min. rating	hp KW	7.6 2x	5.7 2x	7.6 2x	5.7 2x
	36.1		48V, 60 min. rating	hp KW	10.6 2x	7.9 2x	10.6 2x	7.9 2x
	37	Lift Motor	36V, 15% ON time	hp KW	15.1	11.3	15.1	11.3
	37.1		48V, 15% ON time	hp KW	15.3	11.4	15.3	11.4
	38	Battery Compartment	Nominal	in mm	27	686	33	838
	38.1	Max. Battery Size	Without Rollers, L x W x H	in mm	38.6 x 27.2 x 22.2	983 x 692 x 565	38.6 x 32.9 x 22.2	983 x 837 x 565
	38.2		With Rollers, L x W x H	in mm	38.6 x 27.2 x 21.9	983 x 692 x 556	38.6 x 32.9 x 21.9	983 x 837 x 556
	39	Battery Voltage / Max Ah / Max kWh	36V @ 6 hour Rate	V / Ah / kWh	36 / 1,210 / 42.5		36 / 1,430 / 50.2	
	39.1		48V @ 6 hour Rate	V / Ah / kWh	48 / 880 / 41.2		48 / 1,100 / 51.5	
	40	Battery Weight	Min. / Max.	lb kg	2,630 / 3,200	1195 / 1450	2,800 / 4,000	1270 / 1815
41	Battery Floor Height	With Rollers	in mm	17.4	442	17.4	442	
41.1		Without Rollers	in mm	17.1	434	17.1	434	
Misc.	42	Max. Op. Pressure for Attachments	Manual lever	psi Bar	2,500	170	2,500	170
	42.1		Bionic Controls		3,400	230	3,400	230
	43	Max. Hyd. Oil Flow for Attachments		gpm lpm	15	56.8	15	56.8

Dimension / performance specifications are based on a truck equipped with a telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

FC 5700 Series

Specifications

				Imperial	Metric	Imperial	Metric
General Information	1	Manufacturer		Crown Equipment Corporation			
	2	Model		FC 5715-50		FC 5725-50	
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG	Electric			
	4	Operator Type		Sit-down Rider			
	5	Load Capacity	lb kg	5,000	2265	5,000	2265
	6	Load Center	Per ANSI B56.1 in mm	24	600	24	600
	7	Load Distance	TT Mast, Forks only in mm	15.8	400	15.8	400
	8	Wheelbase	in mm	49.7	1260	54.7	1390
Weights	9	Truck Weight	Less Battery lb kg	Contact Factory			
	9.1	Axle Load, Loaded	Front / Rear lb kg	Contact Factory			
	9.2	Axle Load, Empty	Front / Rear lb kg	Contact Factory			
Tires	10	Tire Type	Cushion, Solid Pneumatic, Pneumatic	Cushion			
	11	Tire Size, Front	in mm	21 x 7 x 15	533 x 178 x 381	21 x 7 x 15	533 x 178 x 381
	12	Tire Size, Rear	in mm	16 x 6 x 10.5	406 x 152 x 267	16 x 6 x 10.5	406 x 152 x 267
	13	Wheels	Number (x = driven) Front / Rear	2x / 2			
	14	Track Width	Standard, Front / Rear in mm	36.9 / 36.0	937 / 914	36.9 / 36.0	937 / 914
	14.1	Track Width	Wide, Front / Rear in mm	40.5 / 36.0	1029 / 914	40.5 / 36.0	1029 / 914
Dimensions	15	Mast	Tilt deg	See Mast Charts			
	16		Collapsed Height in mm				
	17		Free Lift in mm				
	18		Lift Height in mm				
	19		Extended Height in mm				
	20	Overhead Guard Height	in mm	See Line Drawing			
	21	Seat Height	From floor to SIP in mm				
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG in mm				
	22	Headlength	TT mast, forks only in mm	81.4	2070	84.6	2150
	23	Overall Width	Standard Tread in mm	43.9	1115	43.9	1115
	23.1		Wide Tread in mm	47.5	1210	47.5	1210
	24	Forks	Standard L x W x T in mm	36 x 4 x 1.8	915 x 102 x 46	36 x 4 x 1.8	915 x 102 x 46
	25	Fork Carriage	in mm	ITA Class II			
26	Ground Clearance	Loaded Below Mast in mm	3	76	3	76	
26.1		Center of Wheelbase in mm	4.8	122	4.8	122	
27	Working Aisle Width	Minimum non-intrusive right angle stack in mm	Calculate using RAS Calculator				
28	Turning Radius	TT Mast, Forks only in mm	69.3	1760	72.1	1830	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	29.1		48V, Loaded / Empty mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	30	Travel Speed, Power Unit First	36V, Loaded / Empty mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	30.1		48V, Loaded / Empty mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	31	Lift Speed	36V, Loaded / Empty fpm m/s	75 / 115	0.38 / 0.58	75 / 115	0.38 / 0.58
	31.1		48V, Loaded / Empty fpm m/s	113 / 115	0.52 / 0.58	113 / 115	0.52 / 0.58
	32	Lowering Speed	Standard, Loaded / Empty fpm m/s	90 / 90	0.46 / 0.46	90 / 90	0.46 / 0.46
	32.1		Bionic Controls, Loaded / Empty fpm m/s	100 / 100	0.51 / 0.51	100 / 100	0.51 / 0.51
	33	Drawbar Pull	Loaded / Empty (60 min. rating) lbf N	Contact Factory			
	34	Gradeability	Loaded / Empty (30 min. rating) %	Contact Factory			
35	Brake	Service / Park	Foot - Motor / Auto - Electro-mechanical				
Motors / Batteries	36	Traction Motor	36V, 60 min. rating hp KW	7.6 2x	5.7 2x	7.6 2x	5.7 2x
	36.1		48V, 60 min. rating hp KW	10.6 2x	7.9 2x	10.6 2x	7.9 2x
	37	Lift Motor	36V, 15% ON time hp KW	15.1	11.3	15.1	11.3
	37.1		48V, 15% ON time hp KW	15.3	11.4	15.3	11.4
	38	Battery Compartment	Nominal in mm	27	686	33	838
	38.1	Max. Battery Size	Without Rollers, L x W x H in mm	38.6 x 27.2 x 22.2	983 x 692 x 565	38.6 x 32.9x 22.2	983 x 837 x 565
	38.2		With Rollers, L x W x H in mm	38.6 x 27.2 x 21.9	983 x 692 x 556	38.6 x 32.9 x 21.9	983 x 837 x 556
	39	Battery Voltage / Max Ah / Max kWh	36V @ 6 hour Rate V / Ah / kWh	36 / 1210 / 42.5		36 / 1430 / 50.2	
	39.1		48V @ 6 hour Rate V / Ah / kWh	48 / 880 / 41.2		48 / 1100 / 51.5	
	40	Battery Weight	Min. / Max. lb kg	2,630 / 3,200	1195 / 1450	2,800 / 4,000	1270 / 1815
41	Battery Floor Height	With Rollers in mm	17.4	442	17.4	442	
41.1		Without Rollers in mm	17.1	434	17.1	434	
Misc.	42	Max. Op. Pressure for Attachments	Manual lever psi Bar	2,500	170	2,500	170
	42.1		Bionic Controls	3,400	230	3,400	230
43	Max. Hyd. Oil Flow for Attachments	gpm lpm	15	56.8	15	56.8	

Dimension / performance specifications are based on a truck equipped with a telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

FC 5700 Series

Specifications

			Imperial	Metric	Imperial	Metric		
General Information	1	Manufacturer	Crown Equipment Corporation					
	2	Model	FC 5745-50		FC 5725-55			
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG					
	4	Operator Type	Electric Sit-down Rider					
	5	Load Capacity	lb kg	5,000	2265	5,500	2490	
	6	Load Center	Per ANSI B56.1	in mm	24	600	24	600
	7	Load Distance	TT Mast, Forks only	in mm	15.8	400	15.8	400
	8	Wheelbase		in mm	54.7	1390	54.7	1390
Weights	9	Truck Weight	Less Battery	lb kg	Contact Factory			
	9.1	Axle Load, Loaded	Front / Rear	lb kg	Contact Factory			
	9.2	Axle Load, Empty	Front / Rear	lb kg	Contact Factory			
Tires	10	Tire Type	Cushion, Solid Pneumatic, Pneumatic					
	11	Tire Size, Front	in mm	21 x 7 x 15	533 x 178 x 381	21 x 8 x 15	533 x 203 x 381	
	12	Tire Size, Rear	in mm	16 x 6 x 10.5	406 x 152 x 267	16 x 6 x 10.5	406 x 152 x 267	
	13	Wheels	Number (x = driven) Front / Rear	2x / 2				
	14	Track Width	Standard, Front / Rear	in mm	36.9 / 36.0	937 / 914	37.9 / 36.0	965 / 914
	14.1	Track Width	Wide, Front / Rear	in mm	40.5 / 36.0	1029 / 914	39.5 / 36.0	1005 / 914
Dimensions	15	Mast	Tilt	deg	See Mast Charts			
	16		Collapsed Height	in mm				
	17		Free Lift	in mm				
	18		Lift Height	in mm				
	19		Extended Height	in mm				
	20	Overhead Guard Height	in mm	See Line Drawing				
	21	Seat Height	From floor to SIP	in mm	See Line Drawing			
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG	in mm	Contact Factory			
	22	Headlength	TT mast, forks only	in mm	87.7	2230	87.6	2225
	23	Overall Width	Standard Tread	in mm	43.9	1115	45.7	1160
	23.1		Wide Tread	in mm	47.5	1210	48.0	1220
	24	Forks	Standard L x W x T	in mm	36 x 4 x 1.8	915 x 102 x 46	36 x 5 x 1.8	915 x 127 x 46
	25	Fork Carriage		in mm	ITA Class II			
	26	Ground Clearance	Loaded Below Mast	in mm	3	76	3	76
26.1		Center of Wheelbase	in mm	4.8	122	4.8	122	
27	Working Aisle Width	Minimum non-intrusive right angle stack	in mm	Calculate using RAS Calculator				
28	Turning Radius	TT Mast, Forks only	in mm	74.9	1905	74.9	1905	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty	mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	29.1		48V, Loaded / Empty	mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	30	Travel Speed, Power Unit First	36V, Loaded / Empty	mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	30.1		48V, Loaded / Empty	mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	31	Lift Speed	36V, Loaded / Empty	fpm m/s	75 / 115	0.38 / 0.58	69 / 115	0.35 / 0.58
	31.1		48V, Loaded / Empty	fpm m/s	113 / 115	0.52 / 0.58	97 / 115	0.49 / 0.58
	32	Lowering Speed	Standard, Loaded / Empty	fpm m/s	90 / 90	0.46 / 0.46	90 / 90	0.46 / 0.46
	32.1		Bionic Controls, Loaded / Empty	fpm m/s	100 / 100	0.51 / 0.51	100 / 100	0.51 / 0.51
	33	Drawbar Pull	Loaded / Empty (60 min. rating)	lbf N	Contact Factory			
	34	Gradeability	Loaded / Empty (30 min. rating)	%	Contact Factory			
	35	Brake	Service / Park		Foot - Motor / Auto - Electro-mechanical			
Motors / Batteries	36	Traction Motor	36V, 60 min. rating	hp KW	7.6 2x	5.7 2x	7.6 2x	5.7 2x
	36.1		48V, 60 min. rating	hp KW	10.6 2x	7.9 2x	10.6 2x	7.9 2x
	37	Lift Motor	36V, 15% ON time	hp KW	15.1	11.3	15.1	11.3
	37.1		48V, 15% ON time	hp KW	15.3	11.4	15.3	11.4
	38	Battery Compartment	Nominal	in mm	36	914	33	838
	38.1	Max. Battery Size	Without Rollers, L x W x H	in mm	38.6 x 36.3 x 22.2	983 x 924 x 565	38.6 x 32.9 x 22.2	983 x 837 x 565
	38.2		With Rollers, L x W x H	in mm	38.6 x 36.3 x 21.9	983 x 924 x 556	38.6 x 32.9 x 21.9	983 x 837 x 556
	39	Battery Voltage / Max Ah / Max kWh	36V @ 6 hour Rate	V / Ah / kWh	36 / 1650 / 57.9		36 / 1430 / 50.2	
	39.1		48V @ 6 hour Rate	V / Ah / kWh	48 / 1210 / 56.6		48 / 1100 / 51.5	
	40	Battery Weight	Min. / Max.	lb kg	3,100 / 4,250	1410 / 1930	2,800 / 4,000	1270 / 1815
41	Battery Floor Height	With Rollers	in mm	17.4	442	17.4	442	
41.1		Without Rollers	in mm	17.1	434	17.1	434	
Misc.	42	Max. Op. Pressure for Attachments	Manual lever	psi Bar	2,500	170	2,500	170
	42.1		Bionic Controls		3,400	230	3,400	230
43	Max. Hyd. Oil Flow for Attachments		gpm lpm	15	56.8	15	56.8	

Dimension / performance specifications are based on a truck equipped with a telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

FC 5700 Series

Specifications

				Imperial	Metric	Imperial	Metric
General Information	1	Manufacturer		Crown Equipment Corporation			
	2	Model		FC 5745-55		FC 5725-60	
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG	Electric			
	4	Operator Type		Sit-down Rider			
	5	Load Capacity	lb kg	5,500	2490	6,000	2720
	6	Load Center	Per ANSI B56.1 in mm	24	600	24	600
	7	Load Distance	TT Mast, Forks only in mm	15.8	400	16.1	410
	8	Wheelbase	in mm	54.7	1390	54.7	1390
Weights	9	Truck Weight	Less Battery lb kg	Contact Factory			
	9.1	Axle Load, Loaded	Front / Rear lb kg	Contact Factory			
	9.2	Axle Load, Empty	Front / Rear lb kg	Contact Factory			
Tires	10	Tire Type	Cushion, Solid Pneumatic, Pneumatic	Cushion			
	11	Tire Size, Front	in mm	21 x 8 x 15	533 x 203 x 381	21 x 8 x 15	533 x 203 x 381
	12	Tire Size, Rear	in mm	16 x 6 x 10.5	406 x 152 x 267	16 x 6 x 10.5	406 x 152 x 267
	13	Wheels	Number (x = driven) Front / Rear	2x / 2			
	14	Track Width	Standard, Front / Rear in mm	37.9 / 36.0	965 / 914	37.9 / 36.0	965 / 914
	14.1	Track Width	Wide, Front / Rear in mm	39.5 / 36.0	1005 / 914	39.5 / 36.0	1005 / 914
Dimensions	15	Mast	Tilt deg	See Mast Charts			
	16		Collapsed Height in mm				
	17		Free Lift in mm				
	18		Lift Height in mm				
	19		Extended Height in mm				
	20	Overhead Guard Height	in mm	See Line Drawing			
	21	Seat Height	From floor to SIP in mm				
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG in mm	Contact Factory			
	22	Headlength	TT mast, forks only in mm	90.7	2305	87.9	2235
	23	Overall Width	Standard Tread in mm	45.7	1160	45.7	1160
	23.1		Wide Tread in mm	48.0	1220	48.0	1220
	24	Forks	Standard L x W x T in mm	36 x 5 x 1.8	915 x 127 x 46	36 x 5 x 1.8	915 x 127 x 46
	25	Fork Carriage	in mm	ITA Class II		ITA Class III	
	26	Ground Clearance	Loaded Below Mast in mm	3	76	3	76
26.1		Center of Wheelbase in mm	4.8	122	4.8	122	
27	Working Aisle Width	Minimum non-intrusive right angle stack in mm	Calculate using RAS Calculator				
28	Turning Radius	TT Mast, Forks only in mm	77.7	1975	74.9	1905	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	29.1		48V, Loaded / Empty mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	30	Travel Speed, Power Unit First	36V, Loaded / Empty mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	30.1		48V, Loaded / Empty mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	31	Lift Speed	36V, Loaded / Empty fpm m/s	69 / 115	0.35 / 0.58	64 / 115	0.33 / 0.58
	31.1		48V, Loaded / Empty fpm m/s	97 / 115	0.49 / 0.58	92 / 115	0.47 / 0.58
	32	Lowering Speed	Standard, Loaded / Empty fpm m/s	90 / 90	0.46 / 0.46	90 / 90	0.46 / 0.46
	32.1		Bionic Controls, Loaded / Empty fpm m/s	100 / 100	0.51 / 0.51	100 / 100	0.51 / 0.51
	33	Drawbar Pull	Loaded / Empty (60 min. rating) lbf N	Contact Factory			
	34	Gradeability	Loaded / Empty (30 min. rating) %	Contact Factory			
35	Brake	Service / Park	Foot - Motor / Auto - Electro-mechanical				
Motors / Batteries	36	Traction Motor	36V, 60 min. rating hp KW	7.6 2x	5.7 2x	7.6 2x	5.7 2x
	36.1		48V, 60 min. rating hp KW	10.6 2x	7.9 2x	10.6 2x	7.9 2x
	37	Lift Motor	36V, 15% ON time hp KW	15.1	11.3	15.1	11.3
	37.1		48V, 15% ON time hp KW	15.3	11.4	15.3	11.4
	38	Battery Compartment	Nominal in mm	36	914	33	838
	38.1	Max. Battery Size	Without Rollers, L x W x H in mm	38.6 x 36.3 x 22.2	983 x 924 x 565	38.6 x 32.9 x 22.2	983 x 837 x 565
	38.2		With Rollers, L x W x H in mm	38.6 x 36.3 x 21.9	983 x 924 x 556	38.6 x 32.9 x 21.9	983 x 837 x 556
	39	Battery Voltage / Max Ah / Max kWh	36V @ 6 hour Rate V / Ah / kWh	36 / 1650 / 57.9		36 / 1430 / 50.2	
	39.1		48V @ 6 hour Rate V / Ah / kWh	48 / 1210 / 56.6		48 / 1100 / 51.5	
	40	Battery Weight	Min. / Max. lb kg	3,100 / 4,250	1410 / 1930	2,800 / 4,000	1270 / 1815
Misc.	41	Battery Floor Height	With Rollers in mm	17.4	442	17.4	442
	41.1		Without Rollers in mm	17.1	434	17.1	434
	42	Max. Op. Pressure for Attachments	Manual lever psi Bar	2,500	170	2,500	170
	42.1		Bionic Controls	3,400	230	3,400	230
43	Max. Hyd. Oil Flow for Attachments	gpm lpm	15	56.8	15	56.8	

Dimension / performance specifications are based on a truck equipped with a telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

FC 5700 Series

Specifications

			Imperial	Metric	Imperial	Metric		
General Information	1	Manufacturer	Crown Equipment Corporation					
	2	Model	FC 5745-60		FC 5745-65			
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG					
	4	Operator Type	Electric					
	5	Load Capacity	Sit-down Rider					
	6	Load Center	Per ANSI B56.1	lb kg	6,000	2720	6,500	2945
	7	Load Distance	TT Mast, Forks only	in mm	24	600	24	600
	8	Wheelbase		in mm	16.1	410	16.1	410
Weights	9	Truck Weight	Less Battery	lb kg	Contact Factory			
	9.1	Axle Load, Loaded	Front / Rear	lb kg	Contact Factory			
	9.2	Axle Load, Empty	Front / Rear	lb kg	Contact Factory			
Tires	10	Tire Type	Cushion, Solid Pneumatic, Pneumatic					
	11	Tire Size, Front	in mm	21 x 8 x 15	533 x 203 x 381	21 x 8 x 15	533 x 203 x 381	
	12	Tire Size, Rear	in mm	16 x 6 x 10.5	406 x 152 x 267	16 x 6 x 10.5	406 x 152 x 267	
	13	Wheels	Number (x = driven) Front / Rear	2x / 2				
	14	Track Width	Standard, Front / Rear	in mm	37.9 / 36.0	965 / 914	37.9 / 36.0	965 / 914
	14.1	Track Width	Wide, Front / Rear	in mm	39.5 / 36.0	1005 / 914	39.5 / 36.0	1005 / 914
Dimensions	15	Mast	Tilt	deg	See Mast Charts			
	16		Collapsed Height	in mm				
	17		Free Lift	in mm				
	18		Lift Height	in mm				
	19		Extended Height	in mm				
	20	Overhead Guard Height	in mm	See Line Drawing				
	21	Seat Height	From floor to SIP	in mm	See Line Drawing			
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG	in mm	Contact Factory			
	22	Headlength	TT mast, forks only	in mm	91.0	2315	91.0	2315
	23	Overall Width	Standard Tread	in mm	45.7	1160	45.7	1160
	23.1		Wide Tread	in mm	48.0	1220	48.0	1220
24	Forks	Standard L x W x T	in mm	36 x 5 x 1.8	915 x 127 x 46	36 x 5 x 1.8	915 x 127 x 46	
25	Fork Carriage		in mm	ITA Class III				
26	Ground Clearance	Loaded Below Mast	in mm	3	76	3	76	
26.1		Center of Wheelbase	in mm	4.8	122	4.8	122	
27	Working Aisle Width	Minimum non-intrusive right angle stack	in mm	Calculate using RAS Calculator				
28	Turning Radius	TT Mast, Forks only	in mm	77.7	1975	77.7	1975	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty	mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	29.1		48V, Loaded / Empty	mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	30	Travel Speed, Power Unit First	36V, Loaded / Empty	mph km/h	10 / 11	16.1 / 17.7	10 / 11	16.1 / 17.7
	30.1		48V, Loaded / Empty	mph km/h	11 / 12.3	17.7 / 19.7	11 / 12.3	17.7 / 19.7
	31	Lift Speed	36V, Loaded / Empty	fpm m/s	64 / 115	0.33 / 0.58	58 / 115	0.29 / 0.58
	31.1		48V, Loaded / Empty	fpm m/s	92 / 115	0.47 / 0.58	80 / 115	0.41 / 0.58
	32	Lowering Speed	Standard, Loaded / Empty	fpm m/s	90 / 90	0.46 / 0.46	90 / 90	0.46 / 0.46
	32.1		Bionic Controls, Loaded / Empty	fpm m/s	100 / 100	0.51 / 0.51	100 / 100	0.51 / 0.51
	33	Drawbar Pull	Loaded / Empty (60 min. rating)	lbf N	Contact Factory			
	34	Gradeability	Loaded / Empty (30 min. rating)	%	Contact Factory			
35	Brake	Service / Park		Foot - Motor / Auto - Electro-mechanical				
Motors / Batteries	36	Traction Motor	36V, 60 min. rating	hp KW	7.6 2x	5.7 2x	7.6 2x	5.7 2x
	36.1		48V, 60 min. rating	hp KW	10.6 2x	7.9 2x	10.6 2x	7.9 2x
	37	Lift Motor	36V, 15% ON time	hp KW	15.1	11.3	15.1	11.3
	37.1		48V, 15% ON time	hp KW	15.3	11.4	15.3	11.4
	38	Battery Compartment	Nominal	in mm	36	914	36	914
	38.1	Max. Battery Size	Without Rollers, L x W x H	in mm	38.6 x 36.3 x 22.2	983 x 924 x 565	38.6 x 36.3 x 22.2	983 x 924 x 565
	38.2		With Rollers, L x W x H	in mm	38.6 x 36.3 x 21.9	983 x 924 x 556	38.6 x 36.3 x 21.9	983 x 924 x 556
	39	Battery Voltage / Max Ah / Max kWh	36V @ 6 hour Rate	V / Ah / kWh	36 / 1,650 / 57.9			
	39.1		48V @ 6 hour Rate	V / Ah / kWh	48 / 1,210 / 56.6			
	40	Battery Weight	Min. / Max.	lb kg	3,100 / 4,250	1410 / 1930	3,100 / 4,250	1410 / 1930
41	Battery Floor Height	With Rollers	in mm	17.4	442	17.4	442	
41.1		Without Rollers	in mm	17.1	434	17.1	434	
Misc.	42	Max. Op. Pressure for Attachments	Manual lever	psi Bar	2,500	170	2,500	170
	42.1		Bionic Controls		3,400	230	3,400	230
43	Max. Hyd. Oil Flow for Attachments		gpm lpm	15	56.8	15	56.8	

Dimension / performance specifications are based on a truck equipped with a telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

FC 5700 Series

Specifications

Mast Chart FC 5700-40/50/55			TL - Truckers Mast										
Dimensions	16	Collapsed Height	in mm	54	1375	58	1475	60	1525	61	1550	76	1935
	18	Lift Height	in mm	68	1725	76	1930	80	2030	82	2080	112	2840
	17	Free Lift Height	in mm	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	117	2975	125	3175	129	3280	131	3330	161	4090
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	

Mast Chart FC 5700-40/50/55			TL - Limited Free Lift Mast																
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875	119	3025	125	3175
	18	Lift Height	in mm	126	3200	138	3505	150	3810	155	3935	159	4035	170	4315	183	4645	194	4925
	17	Free Lift Height	in mm	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	175	4445	187	4750	199	5055	204	5185	208	5285	219	5565	232	5895	243	6175
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5		3 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5		3 / 5		3 / 5	

Mast Chart FC 5700-40/50/55			TF - Free Lift Mast																
Dimensions	16	Collapsed Height	in mm	77	1960	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875	119	3025
	18	Lift Height	in mm	114	2895	126	3200	138	3505	150	3810	162	4110	174	4415	184	4670	196	4975
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	28	710	34	860	40	1015	46	1165	52	1320	58	1470	64	1625	70	1775
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	163	4145	175	4445	187	4750	199	5055	211	5360	223	5665	233	5920	245	6225
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5		3 / 5	

Mast Chart FC 5700-40/50/55			TT - Triple Telescopic Mast																
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875	119	3025	125	3175
	18	Lift Height	in mm	188	4775	206	5230	216	5485	231	5865	246	6245	258	6550	276	7010	291	7390
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	34	860	40	1015	46	1165	52	1320	58	1470	64	1625	70	1775	76	1930
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	237	6020	255	6480	265	6735	280	7115	295	7495	307	7800	325	8255	340	8640
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5		3 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5		3 / 5		3 / 5	

Mast Chart FC 5700-40/50/55			QUAD - Four Stage Mast										
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720
	18	Lift Height	in mm	240	6095	258	6550	276	7010	294	7465	312	7920
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	34	860	40	1015	46	1165	52	1320	58	1470
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	289	7345	307	7800	325	8255	343	8715	361	9170
	15	Tilt (B/F) Std. OHG	deg	3 / 5		3 / 5		3 / 5		3 / 5		3 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		3 / 5		3 / 5		3 / 5		3 / 5	

FC 5700 Series

Specifications

Mast Chart FC 5700-60			TL - Truckers Mast								
Dimensions	16	Collapsed Height	in mm	54	1375	58	1475	60	1525	74	1880
	18	Lift Height	in mm	60	1520	68	1725	72	1825	100	2540
	17	Free Lift Height	in mm	5.8	145	5.8	145	5.8	145	5.8	145
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	109	2770	117	2975	121	3075	149	3785
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5	

Mast Chart FC 5700-60			TL - Limited Free Lift Mast												
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875
	18	Lift Height	in mm	118	2995	130	3300	142	3605	150	3810	159	4035	170	4315
	17	Free Lift Height	in mm	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	167	4245	179	4550	191	4855	199	5055	208	5285	219	5565
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	

Mast Chart FC 5700-60			TF - Free Lift Mast														
Dimensions	16	Collapsed Height	in mm	77	1960	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875
	18	Lift Height	in mm	108	2740	120	3045	132	3350	143	3630	155	3935	167	4240	177	4495
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	28	710	34	860	40	1015	46	1165	52	1320	58	1470	64	1625
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	157	3990	169	4295	181	4600	192	4880	204	5185	216	5490	226	5745
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	

Mast Chart FC 5700-60			TT - Triple Telescopic Mast												
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875
	18	Lift Height	in mm	180	4570	198	5025	208	5280	223	5660	238	6045	250	6350
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	34	860	40	1015	46	1165	52	1320	58	1470	64	1625
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	229	5820	247	6275	257	6530	272	6910	287	7290	299	7595
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	

FC 5700 Series

Specifications

Mast Chart FC 5700-65			TL - Truckers Mast								
Dimensions	16	Collapsed Height	in mm	54	1375	58	1475	60	1525	74	1880
	18	Lift Height	in mm	57	1445	65	1650	69	1750	97	2460
	17	Free Lift Height	in mm	5.8	145	5.8	145	5.8	145	5.8	145
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	106	2695	114	2900	118	3000	146	3710
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5	

Mast Chart FC 5700-65			TL - Limited Free Lift Mast												
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875
	18	Lift Height	in mm	115	2920	126	3200	139	3530	150	3810	159	4035	170	4315
	17	Free Lift Height	in mm	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145	5.8	145
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	164	4170	175	4445	188	4780	199	5055	208	5285	219	5565
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	

Mast Chart FC 5700-65			TF - Free Lift Mast														
Dimensions	16	Collapsed Height	in mm	77	1960	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875
	18	Lift Height	in mm	105	2665	117	2970	129	3275	141	3580	153	3885	165	4190	175	4445
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	28	710	34	860	40	1015	46	1165	52	1320	58	1470	64	1625
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	154	3915	166	4220	178	4525	190	4830	202	5135	214	5440	224	5690
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	

Mast Chart FC 5700-65			TT - Triple Telescopic Mast												
Dimensions	16	Collapsed Height	in mm	83	2110	89	2265	95	2415	101	2570	107	2720	113	2875
	18	Lift Height	in mm	171	4340	189	4800	199	5050	214	5435	229	5815	241	6120
	17	Free Lift Height 48" (1220mm) Tall Load Backrest	in mm	34	860	40	1015	46	1165	52	1320	58	1470	64	1625
	19	Extended Height 48" (1220mm) Tall Load Backrest	in mm	220	5590	238	6050	248	6300	263	6685	278	7065	290	7370
	15	Tilt (B/F) Std. OHG	deg	5 / 5		5 / 5		5 / 5		5 / 5		5 / 5		5 / 5	
	15.1	Tilt (B/F) Drive-in Rack OHG	deg	3 / 5		5 / 5		5 / 5		5 / 5		5 / 5		3 / 5	

Standard Features

1. Crown's Access 1 2 3 Comprehensive System Control
2. 36-volt system
3. AC traction and hydraulic systems
4. Crown-manufactured traction and hydraulic motors
5. Traction motors cooling fan
6. Intrinsic Stability System
 - System-controlled hydraulics
 - Travel and cornering speed control
 - Tilt Interlock
 - Stability-enhanced counterweight
 - Intelligent ramp control
7. e-GEN braking system with automatic parking brake
8. Crown FlexSeat - fabric with hip restraint and anti-cinch seatbelt
9. Extended steering wheel column with infinite adjustment
10. Manual hydraulic control levers
11. Crown Display
 - Battery discharge indicator with lift interrupt and re-key feature
 - Hour meters
 - User code ready
 - Event code indicator and notification
 - P1, P2, & P3 performance modes
 - Access 1 2 3 service menus
12. 13" diameter steering wheel
13. SB350 battery connector
14. InfoPoint System Maps
15. 48" (1220 mm) high load backrest
16. 5° forward tilt
17. On-demand power steering
18. Lift interrupt
19. Lift-out or side battery removal access
20. Cushion, smooth rubber tires
21. Keyswitch On/Off
22. Class II/III Hang-on fork carriage

Optional Equipment

1. TL Truckers, TL, TF, TT and QUAD masts
2. Mast stops and lift limit options
3. 10° forward tilt
4. Crown integral sideshifter
5. Factory installed attachments
 - Hang-on sideshifter
 - Fork positioners
 - Push/pulls
 - Carton clamps
 - Single-double load handlers
6. Additional load backrest heights
7. Additional fork lengths
8. Partial and fully tapered forks
9. 48-volt electrical system
10. Alternate Power Source
 - V-Force Lithium-Ion
11. Battery rollers
12. Battery retainer switch
13. Additional battery connectors
14. Seat Deck Connector Options
 - Single battery cable - 1 con nector on seat deck
 - Dual battery cable - 2 connectors on seat deck
15. Additional Tire options
 - Cushion, smooth non-marking rubber tires
 - Cushion, lugged rubber tires
 - Cushion, lugged non-marking rubber tires
16. Drive-in Rack OHGs
17. OHG Top covers
 - Wire mesh
 - Plexiglass
 - Expanded metal
18. Additional seat options
 - Crown FlexSeat - vinyl
 - Suspension seat - fabric or vinyl
19. D4 Armrest
20. Bionic hydraulic controls
 - Fingertip
 - Mini-lever
 - Dual-lever
 - Combination
21. Additional seatbelts
 - Orange Hi-vis seatbelt
 - Orange Hi-vis seatbelt with interlock
22. Foot Operated Directional Control (FODC)
23. Single or double accy hydraulic functions

24. Hydraulic quick disconnects
25. Pressure gauge and regulator
26. 5th Function hydraulics
27. Hydraulic accumulator
28. Rearview mirrors
29. Light packages
 - Brake, back-up, and taillight package
 - Front and rear worklights LED
30. Visual Warning Devices
 - Floor spot lights
 - Floor line lights
 - Flashing lights
31. Travel alarms
32. WorkAssist Options
 - Operator fans
 - Clip Pad and Hook
 - Clip Pad
 - Hook
 - Accessory Clamp
 - Accessory Clamp and Mounting Plate
 - Shrink Wrap Holder
 - Storage Net
 - Cup holder
 - Pockets
 - Organization kits
 - Orange storage pocket
 - Rear storage bin
 - Seat deck clip pad
33. Productivity Options
 - InfoLink Ready
 - Tilt position assist
34. Miscellaneous Options
 - Tow Pin
 - B-post handle with horn button
 - Floor Mounted Horn Button
 - Keyless On/Off Switch
 - Keypad
 - Steering wheel spinner knob
 - Fire Extinguisher
 - LH Grab handle
 - Accessory Cable
35. Environmental Packages
 - EE Rating
 - Corrosion package
 - Freezer package

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 your local Crown dealer.

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.



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You can count on Crown to build lift trucks designed for safe operation, but that's only part of the safety equation. Crown encourages safe operating practices through ongoing operator training, safety-focused supervision, maintenance and a safe working environment. Go to crown.com and view our safety section to learn more.

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

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