

CROWN

SC 5700 SERIES

Specifications

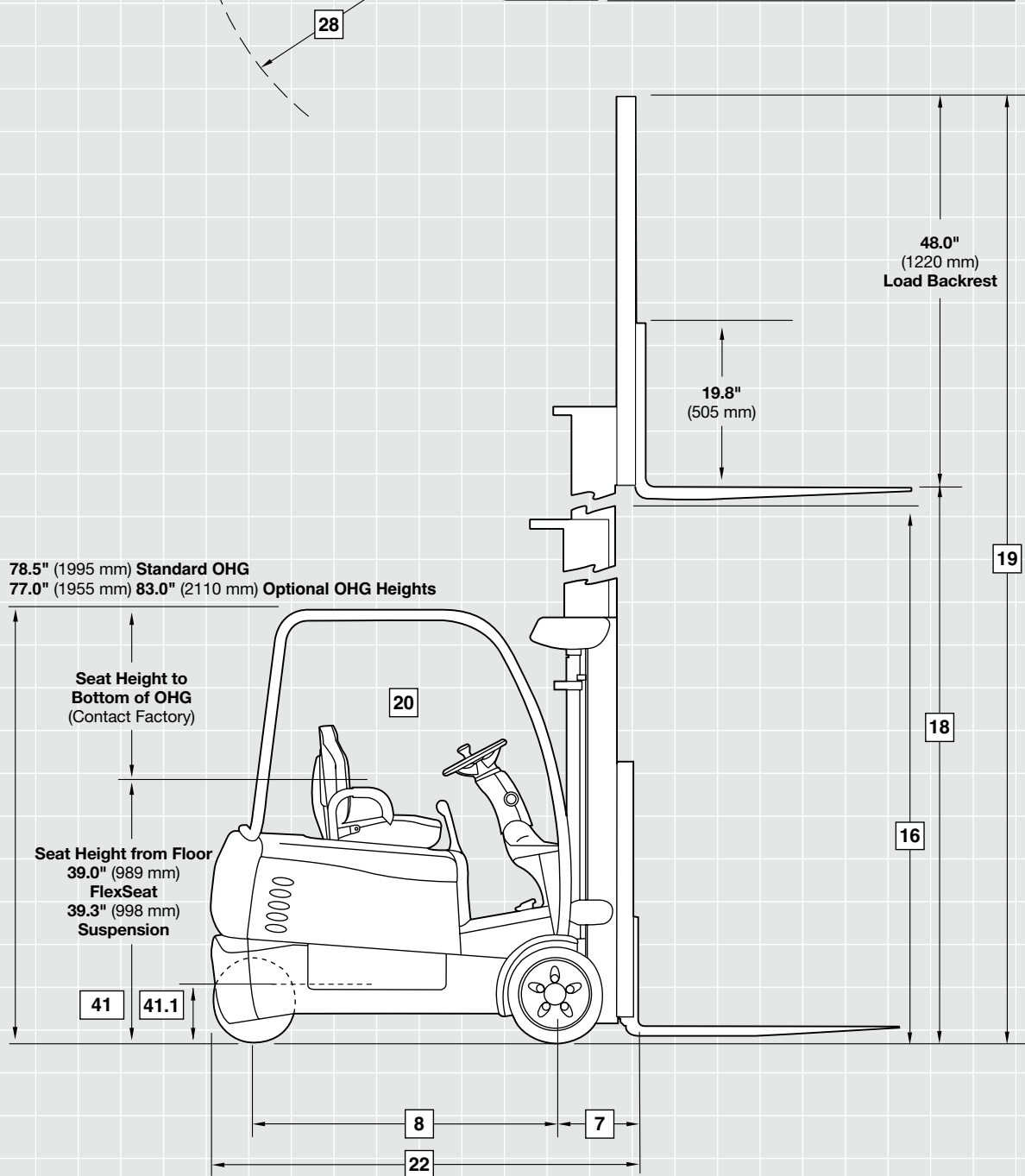
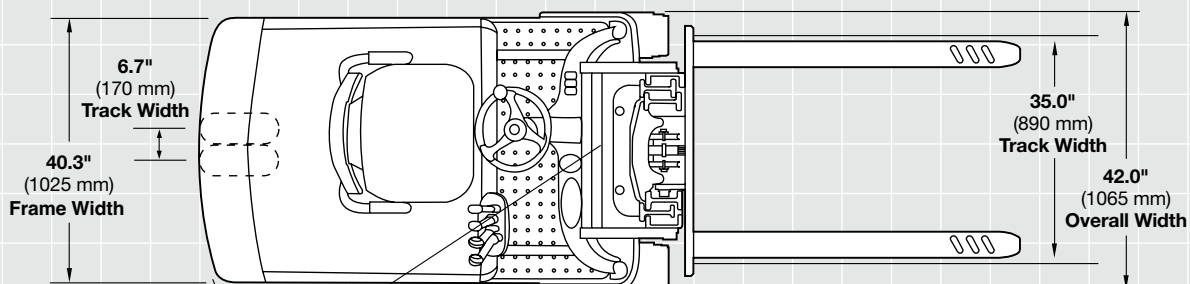
Sit-Down Rider Lift Truck





SC 5700 Series

Sit-Down Rider
Lift Truck



SC 5700 Series

Specifications

				Imperial	Metric	Imperial	Metric
General Information	1	Manufacturer		Crown Equipment Corporation			
	2	Model		SC 5715-30		SC 5725-30	
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG	Electric			
	4	Operator Type		Sit-down Rider			
	5	Load Capacity	lb kg	3,000	1360	3,000	1360
	6	Load Center	Per ANSI B56.1 in mm	24	600	24	600
	7	Load Distance	TT Mast, Forks only in mm	14.3	365	14.3	365
	8	Wheelbase	in mm	46.2	1175	50.5	1285
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			
Tyres	10	Tyre Type	Cushion, Solid Pneumatic,Air-filled Pneumatic	Cushion / Solid Pneumatic			
	11	Tyre Size, Front	in mm	18 x 7 x 12.1	457 x 178 x 307	18 x 7 x 12.1	457 x 178 x 307
	12	Tyre Size, Rear	in mm	15 x 5 x 11.25	381 x 127 x 286	15 x 5 x 11.25	381 x 127 x 286
	13	Wheels	Number (x = driven) Front / Rear	2x / 2			
	14	Track Width	Standard, Front / Rear in mm	35 / 6.7	890 / 170	35 / 6.7	890 / 170
Dimensions	15	Mast	Tilt deg 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	68.5	1740	72.8	1850
	23	Overall Width	Standard Tread in mm	42	1070	42	1070
	24	Forks	Standard L x W x T in mm	36 x 4 x 1.5	915 x 102 x 38	36 x 4 x 1.5	915 x 102 x 38
	25	Fork Carriage	in mm	ITA Class II			
	26	Ground Clearance	Loaded Below Mast in mm	3	75	3	75
	26.1		Center of Wheelbase in mm	4.8	120	5	125
27	Working Aisle Width	Minimum non-intrusive right angle stack in mm	Contact Factory				
28	Turning Radius	TT Mast, Forks only in mm	54.2	1380	58.5	1490	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty mph km/h	7.6 / 8.5	12.2 / 13.6	7.6 / 8.5	12.2 / 13.6
	29.1		48V, Loaded / Empty mph km/h	8.9 / 10	14.3 / 16	8.9 / 10	14.3 / 16
	30	Travel Speed, Power Unit First	36V, Loaded / Empty mph km/h	7.6 / 8.5	12.2 / 13.6	7.6 / 8.5	12.2 / 13.6
	30.1		48V, Loaded / Empty mph km/h	8.9 / 10	14.3 / 16	8.9 / 10	14.3 / 16
	31	Lift Speed	36V, Loaded / Empty fpm m/s	72 / 110	0.37 / 0.56	72 / 110	0.37 / 0.56
	31.1		48V, Loaded / Empty fpm m/s	77 / 110	0.39 / 0.56	77 / 110	0.39 / 0.56
	32	Lowering Speed	Standard, Loaded / Empty fpm m/s	100 / 90	0.51 / 0.46	100 / 90	0.51 / 0.46
	32.1		Bionic Controls, Loaded / Empty fpm m/s	98 / 98	0.50 / 0.50	98 / 98	0.50 / 0.50
	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	6.4 2x	4.8 2x	6.4 2x
36.1		48V, 60 min. rating hp kW		7.4 2x	5.5 2x	7.4 2x	5.5 2x
37		Lift Motor	36V, 15% ON time hp kW	10.6	7.9	10.6	7.9
37.1			48V, 15% ON time hp kW	15.0	11.2	15.0	11.2
38		Battery Compartment	Nominal in mm	16	406	21	533
38.1		Max. Battery Size	Without Rollers, L x W x H in mm	38.8 x 16.6 x 23.6	985 x 422 x 600	38.8 x 20.8 x 23.6	985 x 530 x 600
38.2			With Rollers, L x W x H in mm	38.8 x 16.6 x 23.1	985 x 422 x 587	38.8 x 20.8 x 23.1	985 x 422 x 587
39		Battery Voltage / Max. Ah / Max. kWh	36V @ 5 hour Rate V / Ah / kWh	36V / 660Ah / 22.93kWh		36V / 880Ah / 30.57kWh	
39.1			48V @ 5 hour Rate V / Ah / kWh	48V / 400Ah / 18.53kWh		48V / 660Ah / 30.57kWh	
40		Battery Weight	Min. / Max. lb kg	1,475 / 1,750	670 / 790	1,850 / 2,250	840 / 1020
41		Battery Floor Height	With Rollers in mm	10.4	264	10.4	264
41.1			Without Rollers in mm	9.8	249	9.8	249
Misc.		42	Max. Op. Pressure for Attachments	psi Bar	2,540	175	2,540
	43	Max. Hyd. Oil Flow for Attachments	gpm lpm	8	30.3	8	30.3

Dimension / performance specifications are based on a truck equipped with a 190" (4825 mm) triple telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

SC 5700 Series

Specifications

			Imperial	Metric	Imperial	Metric
General Information	1	Manufacturer	Crown Equipment Corporation			
	2	Model	SC 5725-35 SC 5745-35			
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG			
	4	Operator Type	Electric			
	5	Load Capacity	Sit-down Rider			
	6	Load Center	lb kg			
	7	Load Distance	3,500 1585 3,500 1585			
	8	Wheelbase	Per ANSI B56.1 in mm 24 600 24 600			
Weights	9	Truck Weight	TT Mast, Forks only in mm 14.5 370 14.5 370			
	9.1	Axle Load, Loaded	in mm 50.5 1285 54.7 1390			
	9.2	Axle Load, Empty	Front / Rear lb kg			
Tyres	10	Tyre Type	Cushion, Solid Pneumatic, Air-filled Pneumatic			
	11	Tyre Size, Front	Cushion / Solid Pneumatic			
	12	Tyre Size, Rear	18 x 7 x 12.1 457 x 178 x 307 18 x 7 x 12.1 457 x 178 x 307			
	13	Wheels	15 x 5 x 11.25 381 x 127 x 286 15 x 5 x 11.25 381 x 127 x 286			
	14	Track Width	Number (x = driven) Front/Rear 2x / 2			
Dimensions	15	Mast	Standard, Front / Rear in mm 35 / 6.7 890 / 170 35 / 6.7 890 / 170			
	16		Tilt deg deg			
	17		Collapsed Height in mm			
	18		Free Lift in mm			
	19		Lift Height in mm			
	20		Extended Height in mm			
	21	Overhead Guard Height	See Mast Charts			
	22	Seat Height	From floor to SIP in mm			
	23	Seat Height to Bottom of OHG	From SIP to Bottom of OHG in mm			
	24	Headlength	See Line Drawing			
	25	Overall Width	Contact Factory			
	26	Forks	TT mast, forks only in mm 73.0 1855 77.2 1960			
	26.1	Fork Carriage	Standard Tread in mm 42 1070 42 1070			
	27	Ground Clearance	Standard L x W x T in mm 36 x 4 x 1.75 915 x 102 x 44 36 x 4 x 1.75 915 x 102 x 44			
	28	Working Aisle Width	in mm ITA Class II			
Performance	29	Turning Radius	Loaded Below Mast in mm 3 75 3 75			
	29.1		Center of Wheelbase in mm 5 125 5 125			
	30	Travel Speed, Forks First	Minimum non-intrusive right angle stack			
	30.1		Contact Factory			
	31	Travel Speed, Power Unit First	TT Mast, Forks only in mm 58.5 1490 62.7 1595			
	31.1		36V, Loaded / Empty mph km/h 7.6 / 8.5 12.2 / 13.6 7.6 / 8.5 12.2 / 13.6			
	32	Lift Speed	48V, Loaded / Empty mph km/h 8.9 / 10.0 14.3 / 16.0 8.9 / 10.0 14.3 / 16.0			
	32.1		36V, Loaded / Empty fpm m/s 69 / 110 0.35 / 0.56 69 / 110 0.35 / 0.56			
	33	Lowering Speed	48V, Loaded / Empty fpm m/s 75 / 110 0.38 / 0.56 75 / 110 0.38 / 0.56			
	34	Drawbar Pull	Standard, Loaded / Empty fpm m/s 100 / 90 0.51 / 0.46 100 / 90 0.51 / 0.46			
	35	Gradeability	Bionic Controls, Loaded / Empty fpm m/s 98 / 98 0.50 / 0.50 98 / 98 0.50 / 0.50			
	36	Brake	Loaded / Empty (60 min. rating) lbf N			
	36.1		Contact Factory			
	37	Traction Motor	Loaded / Empty (30 min. rating) % %			
Motors/Batteries	37.1		Contact Factory			
	38	Battery Compartment	Service / Park			
	38.1	Max. Battery Size	Foot - Motor / Auto - Electro-mechanical			
	38.2		36V, 60 min. rating hp kW 6.4 2x 4.8 2x 6.4 2x 4.8 2x			
	39	Battery Voltage / Max. Ah / Max. kWh	48V, 60 min. rating hp kW 7.4 2x 5.5 2x 7.4 2x 5.5 2x			
	39.1		36V, 15% ON time hp kW 10.6 7.9 10.6 7.9			
	40	Battery Weight	48V, 15% ON time hp kW 11.2 15.0 11.2 15.0			
	41	Battery Floor Height	Nominal in mm 21 533 25 635			
	41.1		Without Rollers, L x W x H in mm 38.8 x 20.8 x 23.6 985 x 530 x 600 38.8 x 25.1 x 23.6 985 x 638 x 600			
	42	Max. Op. Pressure for Attachments	With Rollers, L x W x H in mm 38.8 x 20.8 x 23.1 985 x 530 x 587 38.8 x 25.1 x 23.1 985 x 638 x 587			
Misc.	43	Max. Hyd. Oil Flow for Attachments	36V @ 5 hour Rate V / Ah / kWh 36V / 880Ah / 30.57kWh 36V / 1100Ah / 38.21kWh			
	44		48V @ 5 hour Rate V / Ah / kWh 48V / 660Ah / 30.57kWh 48V / 770Ah / 35.67kWh			

Dimension / performance specifications are based on a truck equipped with a 190" (4825 mm) triple telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

			Imperial	Metric
General Information	1	Manufacturer	Crown Equipment Corporation	
	2	Model	SC 5745-40	
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG	
	4	Operator Type	Sit-down Rider	
	5	Load Capacity	lb kg	4,000 1810
	6	Load Center	Per ANSI B56.1 in mm	24 600
	7	Load Distance	TT Mast, Forks only in mm	14.5 370
	8	Wheelbase	in mm	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
Tyres	10	Tyre Type	Cushion, Solid Pneumatic, Air-filled Pneumatic	
	11	Tyre Size, Front	in mm	18 x 7 x 12.1 457 x 178 x 307
	12	Tyre Size, Rear	in mm	15 x 5 x 11.25 381 x 127 x 286
	13	Wheels	Number (x = driven) Front / Rear	
	14	Track Width	Standard, Front / Rear in mm	2x / 2 35 / 6.7 890 / 170
Dimensions	15	Mast	Tilt deg 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	77.2 1960
	23	Overall Width	Standard Tread in mm	42 1070
	24	Forks	Standard L x W x T in mm	36 x 4 x 1.75 915 x 102 x 44
	25	Fork Carriage	in mm	ITA Class II
	26	Ground Clearance	Loaded Below Mast in mm	3 75
	26.1		Center of Wheelbase in mm	5 125
Performance	27	Working Aisle Width	Minimum non-intrusive right angle stack in mm	Contact Factory
	28	Turning Radius	TT Mast, Forks only in mm	62.7 1595
	29	Travel Speed, Forks First	36V, Loaded / Empty mph km/h	7.6 / 8.5 12.2 / 13.6
	29.1		48V, Loaded / Empty mph km/h	8.9 / 10.0 14.3 / 16.0
	30	Travel Speed, Power Unit First	36V, Loaded / Empty mph km/h	7.6 / 8.5 12.2 / 13.6
	30.1		48V, Loaded / Empty mph km/h	8.9 / 10.0 14.3 / 16.0
	31	Lift Speed	36V, Loaded / Empty fpm m/s	67 / 110 0.34 / 0.56
	31.1		48V, Loaded / Empty fpm m/s	73 / 110 0.37 / 0.56
	32	Lowering Speed	Standard, Loaded / Empty fpm m/s	100 / 90 0.51 / 0.46
	32.1		Bionic Controls, Loaded / Empty fpm m/s	98 / 98 0.50 / 0.50
	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	6.4 2x 4.8 2x
	36.1		48V, 60 min. rating hp kW	7.4 2x 5.5 2x
	37	Lift Motor	36V, 15% ON time hp kW	10.6 7.9
	37.1		48V, 15% ON time hp kW	15.0 11.2
	38	Battery Compartment	Nominal in mm	25 635
	38.1	Max. Battery Size	Without Rollers, L x W x H in mm	38.8 x 25.1 x 23.6 985 x 638 x 600
	38.2		With Rollers, L x W x H in mm	38.8 x 25.1 x 23.1 985 x 638 x 587
	39	Battery Voltage / Max. Ah / Max. kWh	36V @ 5 hour Rate V / Ah / kWh	36V / 1100Ah / 38.21kWh
	39.1		48V @ 5 hour Rate V / Ah / kWh	48V / 770Ah / 35.67kWh
	40	Battery Weight	Min. / Max. lb kg	2,250 / 2,600 1025 / 1175
	41	Battery Floor Height	With Rollers in mm	10.4 264
	41.1		Without Rollers in mm	9.8 249
Misc.	42	Max. Op. Pressure for Attachments	psi Bar	2,540 175
	43	Max. Hyd. Oil Flow for Attachments	gpm lpm	8 30.3

Dimension / performance specifications are based on a truck equipped with a 190" (4825 mm) triple telescopic mast and standard forks only. For specific truck configuration capacities and right angle stack dimensions, contact your local dealer.

Mast Chart					TL - Truckers Mast									
Dimensions	16	Collapsed Height	in	mm	54.0	1370	58.0	1470	60.0	1520	61.0	1545	76.0	1930
	18	Lift Height	in	mm	68.0	1725	76.0	1930	80.0	2030	82.0	2080	112.0	2840
	19	Extended Height ¹	in	mm	116.5	2955	124.5	3155	128.0	3255	130.0	3305	160.5	4075
	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	

1. Includes 48" (1219 mm) tall load backrest

Mast Chart					TL - Limited Free Lift Mast									
Dimensions	16	Collapsed Height	in	mm	77.0	1955	83.0	2105	89.0	2260	95.0	2410	100.0	2540
	18	Lift Height	in	mm	114.0	2895	126.0	3200	138.0	3505	150.0	3810	160.0	4060
	19	Extended Height ¹	in	mm	162.5	4125	174.5	4425	186.5	4735	198.5	5035	208.5	5295
	15	Tilt (B/F) Std. OHG	deg		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		3/5		3/5	

1. Includes 48" (1219 mm) tall load backrest

Mast Chart					TF - Free Lift Mast									
Dimensions	16	Collapsed Height	in	mm	77.0	1955	83.0	2105	89.0	2260	95.0	2410	100.0	2540
	18	Lift Height	in	mm	117.0	2970	129.0	3275	141.0	3580	153.0	3885	163.0	4140
	17	Free Lift Height ¹	in	mm	29.0	735	35.0	885	41.0	1040	47.0	1190	52.0	1320
	19	Extended Height ¹	in	mm	166.0	4215	178.0	4515	190.0	4825	202.0	5125	212.0	5385
	15	Tilt (B/F) ² Std. OHG	deg		5/5		5/5		5/5		3/5		3/5	
	15.1	Tilt (B/F) ² Drive-in Rack OHG	deg		3/5		5/5		5/5		3/5		3/5	

1. Includes 48" (1219 mm) tall load backrest
2. Tilt listed is when below tilt interlock height

Mast Chart					TT - Triple Telescopic Mast									
Dimensions	16	Collapsed Height	in	mm	77.0	1955	83.0	2105	89.0	2260	95.0	2410	100.0	2540
	18	Lift Height	in	mm	172.0	4365	190.0	4825	208.0	5280	226.0	5740	241.0	6120
	17	Free Lift Height ¹	in	mm	29.0	735	35.0	885	41.0	1040	47.0	1190	52.0	1320
	19	Extended Height ¹	in	mm	220.5	5600	238.5	6050	256.5	6515	274.5	6965	289.5	7355
	15	Tilt (B/F) ² Std. OHG	deg		5/5		5/5		5/5		3/5		3/5	
	15.1	Tilt (B/F) ² Drive-in Rack OHG	deg		3/5		5/5		5/5		3/5		3/5	

1. Includes 48" (1219 mm) tall load backrest
2. Tilt listed is when below tilt interlock height

Mast Chart					QUAD									
Dimensions	16	Collapsed Height	in	mm	83.0	2105	86.0	2185	89.0	2265	92.0	2340	95.0	2415
	18	Lift Height	in	mm	240.0	6095	246.0	6245	258.0	6550	264.0	6705	276.0	7010
	17	Free Lift Height ¹	in	mm	35.0	885	38.0	960	41.0	1040	44.0	1115	47.0	1190
	19	Extended Height ¹	in	mm	288.5	7330	294.5	7485	306.5	7790	312.5	7940	324.5	8245
	15	Tilt (B/F) ² Std. OHG	deg		3/5		3/5		3/5		3/5		3/5	
	15.1	Tilt (B/F) ² Drive-in Rack OHG	deg		3/5		3/5		3/5		3/5		3/5	

1. Includes 48" (1219 mm) tall load backrest
2. Tilt listed is when below tilt interlock height

Standard Equipment

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. Sealed rack and pinion steering
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 tyres
21. Keyswitch On/Off
22. Class II Hang-on fork carriage
23. Orange Hi-vis seatbelt with interlock

Optional Equipment

1. TL Truckers, TL, TF, TT and QUAD masts
2. Mast stops and lift limit options
3. 7° & 10° forward tilt
4. Crown integral sideshifter
5. Factory installed attachments
 - Hang-on sideshifter
 - Fork positioners
 - Push/pulls
6. Additional load backrest heights
7. Additional fork lengths
8. Partial and fully tapered forks
9. 48-volt electrical system
10. Alternate Power Sources
 - V-Force Li-ion Ready
 - Fuel Cell Ready
11. Battery rollers
12. Battery retainer switch
13. Additional battery connectors
14. Seat Deck Connector Options
 - Single battery cable – 1 connector on seat deck
 - Dual battery cable – 2 connector on seat deck
15. Additional Tyre options
 - Cushion, smooth non-marking rubber tyres
 - Cushion, lugged rubber tyres
 - Cushion, lugged non-marking rubber tyres
 - Solid pneumatic
 - Solid pneumatic - non-marking

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. Mini-lever
21. Bionic hydraulic controls
 - Fingertip
 - Mini-lever
 - Dual-lever
 - Combination
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. Rearview mirrors
28. Light packages
 - Front and rear worklights - LED
 - Brake, back-up, and taillight package
 - Turn signals
29. Visual warning devices
 - Floor spot lights
 - Floor line lights - side lights only
 - Floor line lights - side and rear lights
 - Flashing lights
30. Travel alarms
31. 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
32. Productivity Options
 - InfoLink Ready
 - Tilt position assist
 - Traction motor cooling fan
33. Miscellaneous Options
 - B-post handle with horn button
 - Floor Mounted Horn Button
 - Accessory Cable
 - Keypad
 - Steering wheel spinner knob
 - Fire Extinguisher
 - LH Grab handle
 - 10" diameter steering wheel with spinner knob
34. Environmental Packages
 - Corrosion package
 - Freezer package



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