

CROWN

SC 5700

3,000-4,000 lb Capacity

Sit-Down Rider Lift Truck

Specifications



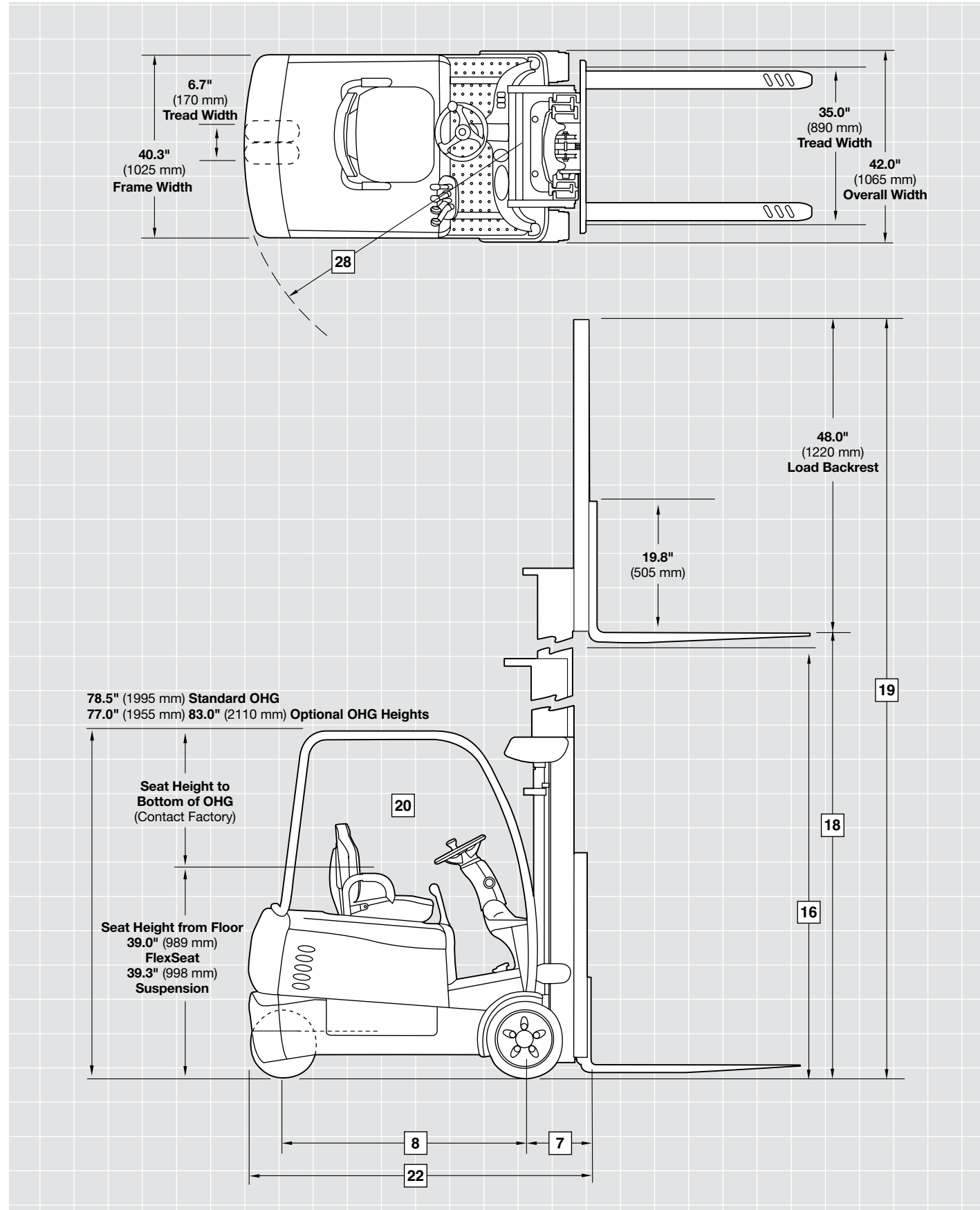


SC 5700 Series

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			
	4	Operator Type	Electric Sit-down Rider			
Weights	5	Load Capacity	lb	kg	3000	1360
	6	Load Center	Per ANSI B56.1		in	mm
	7	Load Distance	TT Mast, Forks only		in	mm
	8	Wheelbase			in	mm
Tires	9	Truck Weight	Less Battery		lb	kg
	9.1	Axle Load, Loaded	Front / Rear		lb	kg
	9.2	Axle Load, Empty	Front / Rear		lb	kg
	10	Tire Type	Cushion, Solid Pneumatic, Air-filled Pneumatic			
Dimensions	11	Tire Size, Front	in		mm	18 x 7 x 12.1 457 x 178 x 307
	12	Tire Size, Rear	in		mm	15 x 5 x 11.25 381 x 127 x 286
	13	Wheels	Number (x = driven) Front / Rear		2x / 2	
	14	Tread Width	Standard, Front / Rear		in	mm
Performance	15	Mast	Tilt	deg	deg	
	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
	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
	23	Overall Width	Standard Tread		in	mm
Motors/Batteries	24	Forks	Standard L x W x T		in	mm
	25	Fork Carriage			in	mm
	26	Ground Clearance	Loaded Below Mast		in	mm
	26.1		Center of Wheelbase		in	mm
	27	Working Aisle Width	Minimum non-intrusive right angle stack		in	mm
	28	Turning Radius	TT Mast, Forks only		in	mm
	29	Travel Speed, Forks	36V, Loaded / Empty		mph	km/h
	29.1	First	48V, Loaded / Empty		mph	km/h
	30	Travel Speed, Power Unit First	36V, Loaded / Empty		mph	km/h
	30.1		48V, Loaded / Empty		mph	km/h
Misc.	31	Lift Speed	36V, Loaded / Empty		fpm	m/s
	31.1		48V, Loaded / Empty		fpm	m/s
	32	Lowering Speed	Standard, Loaded / Empty		fpm	m/s
	32.1		Bionic Controls, Loaded / Empty		fpm	m/s
	33	Drawbar Pull	Loaded / Empty (60 min. rating)		lbf	N
	34	Gradeability	Loaded / Empty (30 min. rating)		%	%
	35	Brake	Service / Park			
	36	Traction Motor	36V, 60 min. rating		hp	kW
	36.1		48V, 60 min. rating		hp	kW
	37	Lift Motor	36V, 15% ON time		hp	kW
37.1		48V, 15% ON time		hp	kW	
Motors/Batteries	38	Battery Compartment	Nominal			
	38.1	Max. Battery Size	Without Rollers, L x W x H		in	mm
	38.2		With Rollers, L x W x H		in	mm
	39	Battery Voltage / Max. Ah / Max. kWh	36V @ 5 hour Rate		V / Ah / kWh	36V / 660Ah / 22.93kWh
39.1		48V @ 5 hour Rate		V / Ah / kWh	48V / 400Ah / 18.53kWh	
Misc.	40	Battery Weight	Min. / Max.		lb	kg
	41	Max. Op. Pressure for Attachments			psi	Bar
42.1	Max. Hyd. Oil Flow for Attachments			gpm	lpm	

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			
General Information	1	Manufacturer	Crown Equipment Corporation				
	2	Model	SC 5725-35		SC 5745-35		
	3	Power (Fuel) Type	Electric				
	4	Operator Type	Sit-down Rider				
Weights	5	Load Capacity	3500	1585	3500	1585	
	6	Load Center	Per ANSI B56.1	24	600	24	600
	7	Load Distance	TT Mast, Forks only	14.5	370	14.5	370
	8	Wheelbase		50.5	1285	54.7	1390
Tires	9	Truck Weight	Less Battery				
	9.1	Axle Load, Loaded	Front / Rear				
	9.2	Axle Load, Empty	Front / Rear				
	10	Tire Type	Cushion, Solid Pneumatic, Air-filled Pneumatic				
Dimensions	11	Tire Size, Front	18 x 7 x 12.1	457 x 178 x 307	18 x 7 x 12.1	457 x 178 x 307	
	12	Tire Size, Rear	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				
	14	Tread Width	Standard, Front / Rear	35 / 6.7	890 / 170	35 / 6.7	890 / 170
	15	Mast	Tilt	deg deg			
	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				
	21	Seat Height	From floor to SIP				
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG				
	22	Headlength	TT mast, forks only	73.0	1855	77.2	1960
	23	Overall Width	Standard Tread	42	1070	42	1070
24	Forks	Standard L x W x T	36 x 4 x 1.75	915 x 102 x 44	36 x 4 x 1.75	915 x 102 x 44	
25	Fork Carriage	in mm					
26	Ground Clearance	Loaded Below Mast	3	75	3	75	
26.1		Center of Wheelbase	5	125	5	125	
27	Working Aisle Width	Minimum non-intrusive right angle stack	in mm				
28	Turning Radius	TT Mast, Forks only	58.5	1490	62.7	1595	
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty	7.6 / 8.5	12.2 / 13.6	7.6 / 8.5	12.2 / 13.6
	29.1		48V, Loaded / Empty	8.9 / 10.0	14.3 / 16.0	8.9 / 10.0	14.3 / 16.0
	30	Travel Speed, Power Unit First	36V, Loaded / Empty	7.6 / 8.5	12.2 / 13.6	7.6 / 8.5	12.2 / 13.6
	30.1		48V, Loaded / Empty	8.9 / 10.0	14.3 / 16.0	8.9 / 10.0	14.3 / 16.0
	31	Lift Speed	36V, Loaded / Empty	69 / 110	0.35 / 0.56	69 / 110	0.35 / 0.56
	31.1		48V, Loaded / Empty	75 / 110	0.38 / 0.56	75 / 110	0.38 / 0.56
	32	Lowering Speed	Standard, Loaded / Empty	100 / 90	0.51 / 0.46	100 / 90	0.51 / 0.46
	32.1		Bionic Controls, Loaded / Empty	98 / 98	0.50 / 0.50	98 / 98	0.50 / 0.50
	33	Drawbar Pull	Loaded / Empty (60 min. rating)	lbf N			
	34	Gradeability	Loaded / Empty (30 min. rating)	% %			
Motors/Batteries	35	Brake	Service / Park				
	36	Traction Motor	36V, 60 min. rating	6.4 2x	4.8 2x	6.4 2x	4.8 2x
	36.1		48V, 60 min. rating	7.4 2x	5.5 2x	7.4 2x	5.5 2x
	37	Lift Motor	36V, 15% ON time	10.6	7.9	10.6	7.9
	37		48V, 15% ON time	15.0	11.2	15.0	11.2
	38	Battery Compartment	Nominal	21	533	25	635
	38.1	Max. Battery Size	Without Rollers, L x W x H	38.81 x 20.87 x 23.63	985 x 530 x 600	38.81 x 25.13 x 23.63	985 x 638 x 600
	38.2		With Rollers, L x W x H	38.81 x 20.87 x 23.13	985 x 530 x 587	38.81 x 25.13 x 23.13	985 x 638 x 587
	39	Battery Voltage / Max. Ah / Max. kWh	36V @ 5 hour Rate	V / Ah / kWh		36V / 880Ah / 30.57kWh	36V / 1100Ah / 38.21kWh
	39.1		48V @ 5 hour Rate	V / Ah / kWh		48V / 660Ah / 30.57kWh	48V / 770Ah / 35.67kWh
40	Battery Weight	Min. / Max.	1850 / 2250	840 / 1020	2250 / 2600	1025 / 1175	
Misc.	41	Max. Op. Pressure for Attachments	psi Bar				
	42.1	Max. Hyd. Oil Flow for Attachments	gpm lpm				

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			
General Information	1	Manufacturer	Crown Equipment Corporation				
	2	Model	SC 5745-40				
	3	Power (Fuel) Type	Electric				
	4	Operator Type	Sit-down Rider				
Weights	5	Load Capacity	4000	1810			
	6	Load Center	Per ANSI B56.1	24	600		
	7	Load Distance	TT Mast, Forks only	14.5	370		
	8	Wheelbase		54.7	1390		
Tires	9	Truck Weight	Less Battery				
	9.1	Axle Load, Loaded	Front / Rear				
	9.2	Axle Load, Empty	Front / Rear				
	10	Tire Type	Cushion, Solid Pneumatic, Air-filled Pneumatic				
Dimensions	11	Tire Size, Front	18 x 7 x 12.1	457 x 178 x 307	18 x 7 x 12.1	457 x 178 x 307	
	12	Tire Size, Rear	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				
	14	Tread Width	Standard, Front / Rear	35 / 6.7	890 / 170		
	15	Mast	Tilt	deg deg			
	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				
	21	Seat Height	From floor to SIP				
	21.1	Seat Height to Bottom of OHG	From SIP to Bottom of OHG				
	22	Headlength	TT mast, forks only	77.2	1960		
	23	Overall Width	Standard Tread	42	1070		
24	Forks	Standard L x W x T	36 x 4 x 1.75	915 x 102 x 44			
25	Fork Carriage	in mm					
26	Ground Clearance	Loaded Below Mast	3	75			
26.1		Center of Wheelbase	5	125			
27	Working Aisle Width	Minimum non-intrusive right angle stack	in mm				
28	Turning Radius	TT Mast, Forks only	62.7	1595			
Performance	29	Travel Speed, Forks First	36V, Loaded / Empty	7.6 / 8.5	12.2 / 13.6	7.6 / 8.5	12.2 / 13.6
	29.1		48V, Loaded / Empty	8.9 / 10.0	14.3 / 16.0	8.9 / 10.0	14.3 / 16.0
	30	Travel Speed, Power Unit First	36V, Loaded / Empty	7.6 / 8.5	12.2 / 13.6	7.6 / 8.5	12.2 / 13.6
	30.1		48V, Loaded / Empty	8.9 / 10.0	14.3 / 16.0	8.9 / 10.0	14.3 / 16.0
	31	Lift Speed	36V, Loaded / Empty	67 / 110	0.34 / 0.56	67 / 110	0.34 / 0.56
	31.1		48V, Loaded / Empty	73 / 110	0.37 / 0.56	73 / 110	0.37 / 0.56
	32	Lowering Speed	Standard, Loaded / Empty	100 / 90	0.51 / 0.46	100 / 90	0.51 / 0.46
	32.1		Bionic Controls, Loaded / Empty	98 / 98	0.50 / 0.50	98 / 98	0.50 / 0.50
	33	Drawbar Pull	Loaded / Empty (60 min. rating)	lbf N			
	34	Gradeability	Loaded / Empty (30 min. rating)	% %			
Motors/Batteries	35	Brake	Service / Park				
	36	Traction Motor	36V, 60 min. rating	6.4 2x	4.8 2x	6.4 2x	4.8 2x
	36.1		48V, 60 min. rating	7.4 2x	5.5 2x	7.4 2x	5.5 2x
	37	Lift Motor	36V, 15% ON time	10.6	7.9	10.6	7.9
	37		48V, 15% ON time	15.0	11.2	15.0	11.2
	38	Battery Compartment	Nominal	25	635		
	38.1	Max. Battery Size	Without Rollers, L x W x H	38.81 x 16.63 x 23.63	985 x 422 x 600		
	38.2		With Rollers, L x W x H	38.81 x 25.13 x 23.13	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.	2250 / 2600	1025 / 1175			
Misc.	41	Max. Op. Pressure for Attachments	psi Bar				
	42.1	Max. Hyd. Oil Flow for Attachments	gpm lpm				

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

Technical Information

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

SC 5700 Series

Technical Information

Standard Equipment

- Crown's Access 1 2 3® Comprehensive System Control
- 36-volt system
- AC traction and hydraulic systems
- Crown-manufactured traction and hydraulic motors
- Sealed rack and pinion steering
- Intrinsic Stability System™
 - System-controlled hydraulics
 - Travel and cornering speed control
 - Tilt Interlock
 - Stability-enhanced counterweight
 - Intelligent ramp control
- e-GEN® braking system with automatic parking brake
- Crown FlexSeat™ - fabric with hip restraint and anti-cinch seatbelt
- Extended steering wheel column with infinite adjustment
- Manual hydraulic control levers
- 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
- 13" diameter steering wheel
- SB350 battery connector
- InfoPoint® System Maps
- 48" (1220 mm) high load backrest
- 5° forward tilt
- On-demand power steering
- Lift interrupt
- Lift-out or side battery removal access
- Cushion, smooth rubber tires
- Keyswitch On/Off
- Class II Hang-on fork carriage

Optional Equipment

- TL Truckers, TL, TF, TT and QUAD masts
- Mast stops and lift limit options
- 7° & 10° forward tilt
- Crown integral sideshifter
- Factory installed attachments
 - Hang-on sideshifter
 - Fork positioners
 - Push/pulls
- Additional load backrest heights
- Additional fork lengths
- Partial and fully tapered forks
- 48-volt electrical system
- Alternate Power Sources
 - V-Force® Li-ion Ready
- Battery rollers
- Battery retainer switch
- Additional battery connectors
- Opportunity Charging
 - Quick charge - 1 connector on seat deck
 - Fast charge - 2 connectors on seat deck
- Additional Tire options
 - Cushion, smooth non-marking rubber tires
 - Cushion, lugged rubber tires
 - Cushion, lugged non-marking rubber tires
 - Solid pneumatic
 - Solid pneumatic - non-marking
- Drive-in Rack OHGs
- OHG Top covers
 - Wire mesh
 - Plexiglass
 - Expanded metal
- Additional seat options
 - Crown FlexSeat™ - vinyl
 - Suspension seat - fabric or vinyl
- D4 Armrest
- Bionic hydraulic controls
 - Fingertip
 - Mini-lever
 - Dual-lever
 - Combination
- Additional seatbelts
 - Orange Hi-vis seatbelt
 - Orange Hi-vis seatbelt with interlock
- Foot operated directional control
- Single or double accy hydraulic functions
- Hydraulic quick disconnects
- Pressure gauge and regulator
- 5th Function hydraulics
- Rearview mirrors
- Light packages
 - Brake, back-up, and taillight package
 - Turn signals
- Floor spot lights
- Flashing lights
- Front and rear worklights - LED or Halogen
- Travel alarms

- 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
- Productivity Options
 - InfoLink Ready
 - Tilt position assist
 - Traction motor cooling fan
- Miscellaneous Options
 - B-post handle with horn button
 - Floor Mounted Horn Button
 - Accessory Cable
 - Keyless On/Off Switch
 - Keypad
 - Steering wheel spinner knob
 - Fire Extinguisher
 - LH Grab handle
 - 10" diameter steering wheel with spinner knob
- Environmental Packages
 - EE Rating
 - Corrosion package
 - Freezer package



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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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