

CROWN

SC 6200 SERIES

Specifications

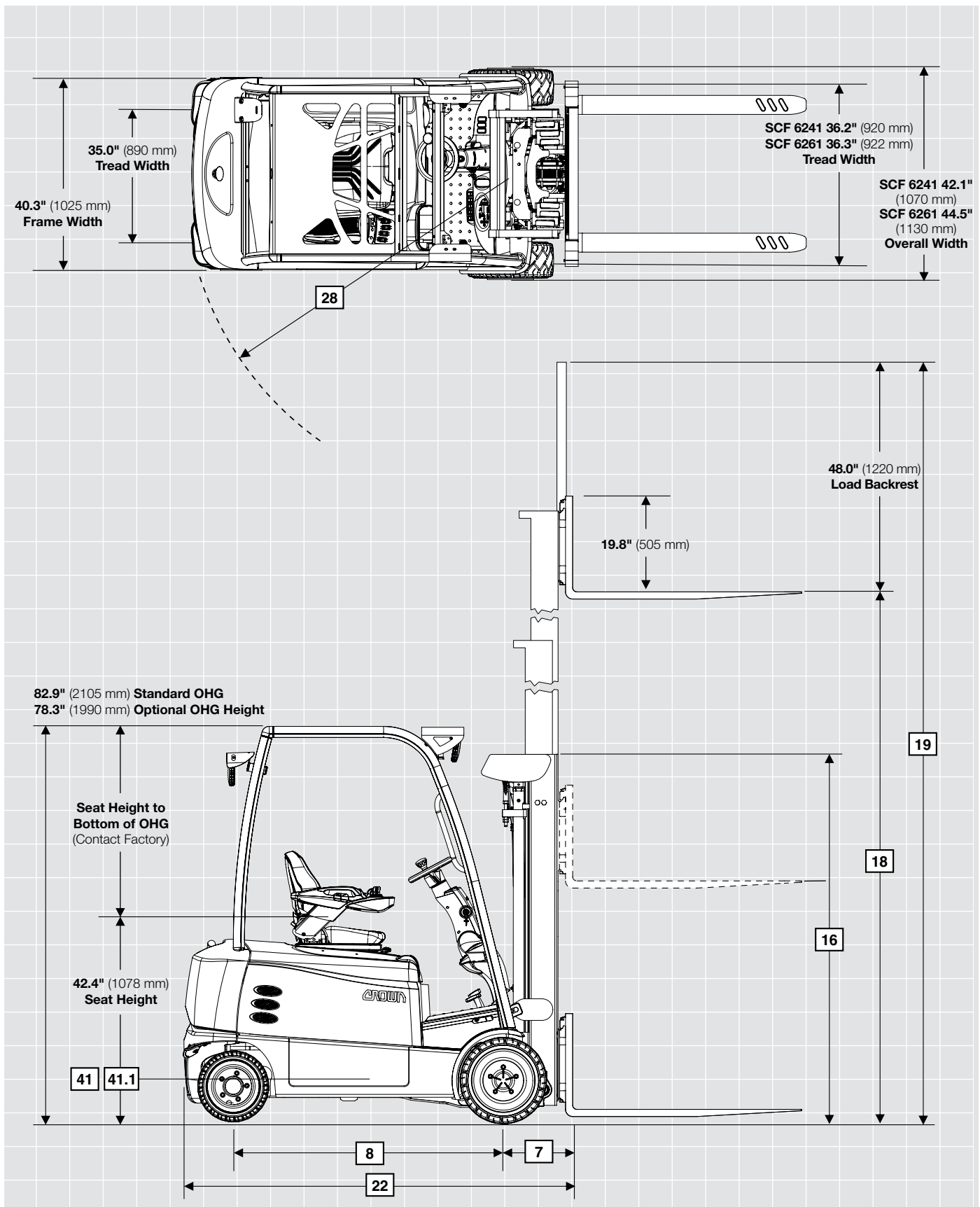
Four Wheel
Counterbalance Truck





SC 6200 Series

Four Wheel
Counterbalance Truck



SC 6200 Series

Specifications

			Imperial	Metric	Imperial	Metric	
General Information	1	Manufacturer	Crown Equipment Corporation				
	2	Model	SCF 6241-35		SCF 6241-40		
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG				
	4	Operator Type	Sit-down Rider				
	5	Load Capacity	lb kg	3,500	1585	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	14.5	370	14.5	370
	8	Wheelbase	in mm	56.7	1440	56.7	1440
Weight	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, Air-filled Pneumatic	Solid Pneumatic			
	11	Tire Size, Front		18 x 7-8		200 / 50-10	
	12	Tire Size, Rear		140 / 55-9			
	13	Wheels	Number (x = driven) Front / Rear	2x / 2			
	14	Tread Width	Standard, Front / Rear in mm	36.2 / 35.0	920 / 890	36.2 / 35.0	920 / 890
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	80.9	2055	81.2	2060
	23	Overall Width	Standard Tread in mm	42.4	1080	44.5	1130
	24	Forks	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
	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	4.2	105	4.2	105
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	67.3	1710	67.3	1710	
Performance	29	Travel Speed, Forks First	Loaded / Empty mph km/h	10 / 10	16 / 16	10 / 10	16 / 16
	30	Travel Speed, Power Unit First	Loaded / Empty mph km/h	10 / 10	16 / 16	10 / 10	16 / 16
	31	Lift Speed	Loaded / Empty fpm m/s	108 / 110	0.55 / 0.56	102 / 110	0.52 / 0.56
	32	Lowering Speed	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	490 / 560	2186 / 2500	475 / 550	2113 / 2466
	34	Gradeability	Loaded / Empty (30 min. rating) % %	9.5 / 14.8		8.7 / 14.0	
	35	Brake	Service / Park	Foot - Motor / Auto - Electro-mechanical			
Motors / Batteries	36	Traction Motor	36V, 60 min. rating hp kW	7.4 2x	5.5 2x	7.4 2x	5.5 2x
	37	Lift Motor	48V, 15% ON time hp kW	15.0	11.2	15.0	11.2
	38	Battery Compartment	Nominal in mm	25	635	25	635
	38.1	Max. Battery Size	Without Rollers, L x W x H in mm	32.7 x 24.8 x 24.9	831 x 630 x 633	32.7 x 24.8 x 24.9	831 x 630 x 633
	38.2		With Rollers, L x W x H in mm	32.7 x 24.8 x 24.7	831 x 630 x 627	32.7 x 24.8 x 24.7	831 x 630 x 627
	39	Battery Voltage / Max. Ah / Max. kWh	48V @ 5 hour Rate V / Ah / kWh	48V / 625Ah / 29.1kWh		48V / 625Ah / 29.1kWh	
	40	Battery Weight	Min. / Max. lb kg	1,793 / 1,981	815 / 895	1,793 / 1,981	815 / 895
	41	Battery Floor Height	With Rollers in mm	8.3	210	8.3	210
41.1	Without Rollers in mm		8.0	204	8.0	204	
Misc.	42	Max. Op. Pressure for Attachments	psi Bar	2,540	175	2,540	175
	43	Max. Hyd. Oil Flow for Attachments	gpm lpm	8	30.3	8	30.3

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 6200 Series

Specifications

				Imperial	Metric	Imperial	Metric	
General Information	1	Manufacturer			Crown Equipment Corporation			
	2	Model			SCF 6261-40		SCF 6261-43	
	3	Power (Fuel) Type	Electric, Diesel, Gas, LPG		Electric			
	4	Operator Type			Sit-down Rider			
	5	Load Capacity	lb kg		4,000	1810	4,300	1950
	6	Load Center	Per ANSI B56.1	in mm	24	600	24	600
	7	Load Distance	TT Mast, Forks only	in mm	14.5	370	14.5	370
	8	Wheelbase	in mm		60.9	1545	60.9	1545
Weight	9	Truck Weight	Less Battery lb kg		Contact Factory			
	9.1	Axle Load, Loaded	Front / Rear lb kg		Contact Factory			
Tires	9.2	Axle Load, Empty	Front / Rear lb kg		Contact Factory			
	10	Tire Type	Cushion, Solid Pneumatic, Air-filled Pneumatic		Solid Pneumatic			
	11	Tire Size, Front			200 / 50-10			
	12	Tire Size, Rear			140 / 55-9			
	13	Wheels	Number (x = driven) Front / Rear		2x / 2			
	14	Tread Width	Standard, Front / Rear	in mm	36.2 / 35.0	920 / 890	36.2 / 35.0	920 / 890
	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					
Dimensions	20	Overhead Guard Height	in mm		See Line Drawing			
	21	Seat Height	From floor to SIP in mm		Contact Factory			
	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	85.4	2170	85.4	2170
	23	Overall Width	Standard Tread	in mm	44.5	1130	44.5	1130
	24	Forks	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
	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	4.2	105	4.2	105
	27	Working Aisle Width	Minimum non-intrusive right angle stack in mm		Calculate using RAS Calculator			
Performance	28	Turning Radius	TT Mast, Forks only in mm		71.5	1820	71.5	1820
	29	Travel Speed, Forks First	Loaded / Empty	mph km/h	10 / 10	16 / 16	10 / 10	16 / 16
	30	Travel Speed, Forks First	Loaded / Empty	mph km/h	10 / 10	16 / 16	10 / 10	16 / 16
	31	Lift Speed	Loaded / Empty	fpm m/s	102 / 110	0.52 / 0.56	96 / 110	0.49 / 0.56
	32	Lowering Speed	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	470 / 550	2109 / 2462	455 / 545	2037 / 2429
	34	Gradeability	Loaded / Empty (30 min. rating) % %		8.7 / 13.9		8.0 / 13.2	
	35	Brake	Service / Park		Foot - Motor / Auto - Electro-mechanical			
Motors / Batteries	36	Traction Motor	36V, 60 min. rating	hp kW	7.4 2x	5.5 2x	7.4 2x	5.5 2x
	37	Lift Motor	48V, 15% ON time	hp kW	15.0	11.2	15.0	11.2
	38	Battery Compartment	Nominal in mm		29	737	29	737
	38.1	Max. Battery Size	Without Rollers, L x W x H	in mm	32.7 x 29.1 x 24.9	931 x 739 x 633	32.7 x 29.1 x 24.9	831 x 739 x 633
	38.2		With Rollers, L x W x H	in mm	32.7 x 29.1 x 24.7	830 x 739 x 627	32.7 x 29.1 x 24.7	830 x 739 x 627
	39	Battery Voltage / Max. Ah / Max. kWh	48V @ 5 hour Rate	V / Ah / kWh	48V / 660Ah / 30.57kWh		48V / 660Ah / 30.57kWh	
	40	Battery Weight	Min. / Max. lb kg		2,122 / 2,435	965 / 1100	2,122 / 2,435	965 / 1100
	41	Battery Floor Height	With Rollers	in mm	8.3	210	8.3	210
Misc.	41.1		Without Rollers	in mm	8.0	204	8.0	204
	42	Max. Op. Pressure for Attachments	psi Bar		2,540	175	2,540	175
	43	Max. Hyd. Oil Flow for Attachments	gpm lpm		8	30.3	8	30.3

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 6200 Series

Specifications

Mast Chart SC 6200				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 Height¹	in mm	116.5	2955	124.5	3155	128.0	3255	130.0	3305	160.5	4075
	15	Tilt (B/F) Std. OHG	degree	5/5		5/5		5/5		5/5		5/5	
	15.1	Tilt (B/F) Drive-in Rack OHG	degree	5/5		5/5		5/5		5/5		5/5	

¹ Includes 48" (1219 mm) tall load backrest

Mast Chart SC 6200				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	105.0	2665	112.0	2840	119.5	3035
	18	Lift Height	in mm	114.0	2895	126.0	3200	138.0	3505	150.0	3810	160.0	4060	165.0	4190	179.0	4545	194.0	4925
	19	Extended Height¹	in mm	162.5	4125	174.5	4425	186.5	4735	198.5	5035	208.5	5295	213.5	5425	227.5	5775	243.0	6165
	15	Tilt (B/F) Std. OHG	degree	5/5		5/5		5/5		3/5		3/5		3/5		3/5		3/5	
	15.1	Tilt (B/F) Drive-in Rack OHG	degree	3/5		5/5		5/5		3/5		3/5		3/5		3/5		3/5	

¹ Includes 48" (1219 mm) tall load backrest

Mast Chart SC 6200				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 Height¹	in mm	29.0	735	35.0	885	41.0	1040	47.0	1190	52.0	1320
	19	Extended Height¹	in mm	166.0	4215	178.0	4515	190.0	4825	202.0	5125	212.0	5385
	15	Tilt (B/F)² Std. OHG	degree	5/5		5/5		5/5		3/5		3/5	
	15.1	Tilt (B/F)² Drive-in Rack OHG	degree	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 SC 6200				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	105.0	2665	112.0	2840	119.5	3035
	18	Lift Height	in mm	172.0	4365	190.0	4825	208.0	5280	226.0	5740	241.0	6120	252.0	6400	273.0	6930	295.0	7490
	17	Free Lift Height¹	in mm	29.0	735	35.0	885	41.0	1040	47.0	1190	52.0	1320	57.0	1445	64.0	1620	71.5	1815
	19	Extended Height¹	in mm	220.5	5600	238.5	6050	256.5	6515	274.5	6965	289.0	7345	300.5	7625	321.0	8155	343.0	8715
	15	Tilt (B/F)² Std. OHG	degree	5/5		5/5		5/5		3/5		3/5		3/5		3/5		3/5	
	15.1	Tilt (B/F)² Drive-in Rack OHG	degree	3/5		5/5		5/5		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

Mast Chart SC 6200				QUAD	
Dimensions	16	Collapsed Height	in mm	83.0	2105
	18	Lift Height	in mm	240.0	6095
	17	Free Lift Height ¹	in mm	35.0	885
	19	Extended Height ¹	in mm	288.5	7330
	15	Tilt (B/F) ² Std. OHG	degree	3/5	
	15.1	Tilt (B/F) ² Drive-in Rack OHG	degree	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. 48-volt system
3. AC traction and hydraulic systems
4. Crown-manufactured traction and hydraulic motors
5. Steer linkage with large diameter king pins and tapered roller bearing
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. Suspension Seat - vinyl 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. 10" diameter steering wheel with spinner knob
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. Solid pneumatic tires
21. Keyswitch On/Off
22. Class II Hang-on fork carriage
23. Corrosion package

Optional Equipment

1. TL Truckers, TL, TF, TT and QUAD masts
2. Mast stops and lift limit options
3. Crown integral sideshifter
4. Factory installed attachments
 - Hang-on sideshifter
 - Fork positioners
 - Push/pulls
5. Additional load backrest heights
6. Additional fork lengths
7. Partial and fully tapered forks
8. Alternate Power Sources
 - V-Force® Li-ion Ready
9. Battery rollers
10. Battery retainer switch
11. Additional battery connectors
12. Seat Deck Connector Options
 - Single battery cable – 1 connector on seat deck
 - Dual battery cable – 2 connector on seat deck
13. Additional Tire options
 - Cushion, smooth rubber tires
 - Cushion, smooth non-marking rubber tires
 - Cushion, lugged rubber tires
 - Cushion, lugged non-marking rubber tires
 - Solid pneumatic - non-marking
14. Drive-in Rack OHGs
15. Hard door ready overhead guard
16. OHG Top covers
 - Plexiglass
 - Roll-up sunshade
17. Cabins
 - Partial cabins
 - Soft cabins
 - Hard cabins
 - Cabin heater
18. Suspension seat - fabric
19. D4 Armrest
20. Bionic hydraulic controls
 - Fingertip
 - Mini-lever
 - Dual-lever
 - Combination
21. Additional seatbelts
 - Black seatbelt
 - Orange Hi-vis seatbelt with interlock
22. Additional directional controls
 - Foot Operated Directional Control (FODC)
 - Dual pedal
23. Single or double accy hydraulic functions
24. Hydraulic quick disconnects
25. 5th function hydraulics
26. Rearview mirrors
27. Light packages
 - Travel light package
 - Brake, back-up, and taillight package
 - Turn signals
 - Front and rear worklights - LED
28. Floor spot lights
29. Flashing lights
30. Floor line lights
31. Travel alarms
32. WorkAssist Options
 - Clip Pad and Hook
 - Clip Pad
 - Hook
 - Accessory Clamp
 - Accessory Clamp and Mounting Plate
 - Pockets
 - Organization kits
 - Rear storage bin

33. Productivity Options

- InfoLink Ready
- Tilt position assist
- Traction motor cooling fan

34. Miscellaneous Options

- Accessory Cable
- Rear mud flaps
- Interior dome light

35. Environmental Packages

- Freezer package
- EE Rating

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.



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.

crown.com

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

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