

CROWN

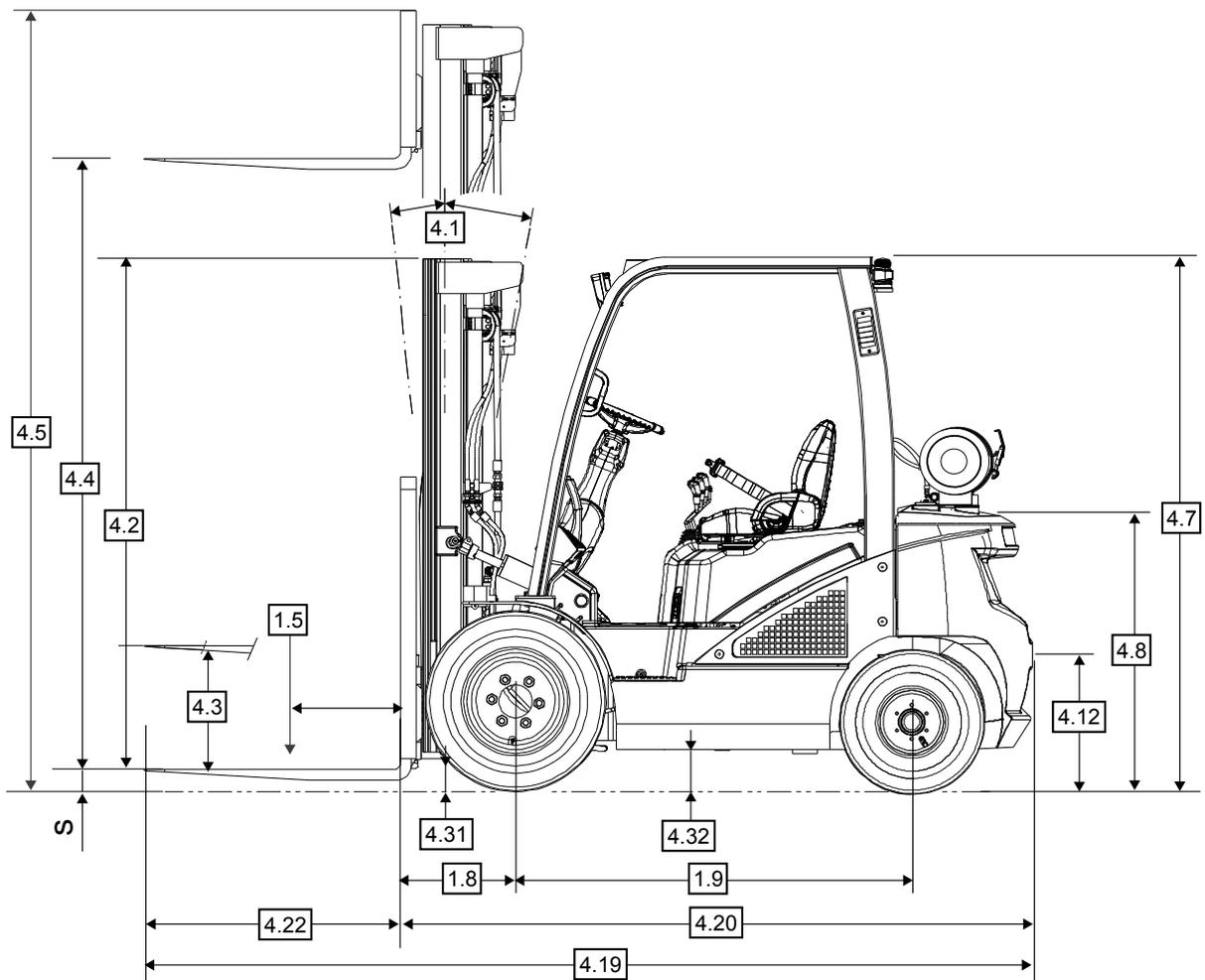
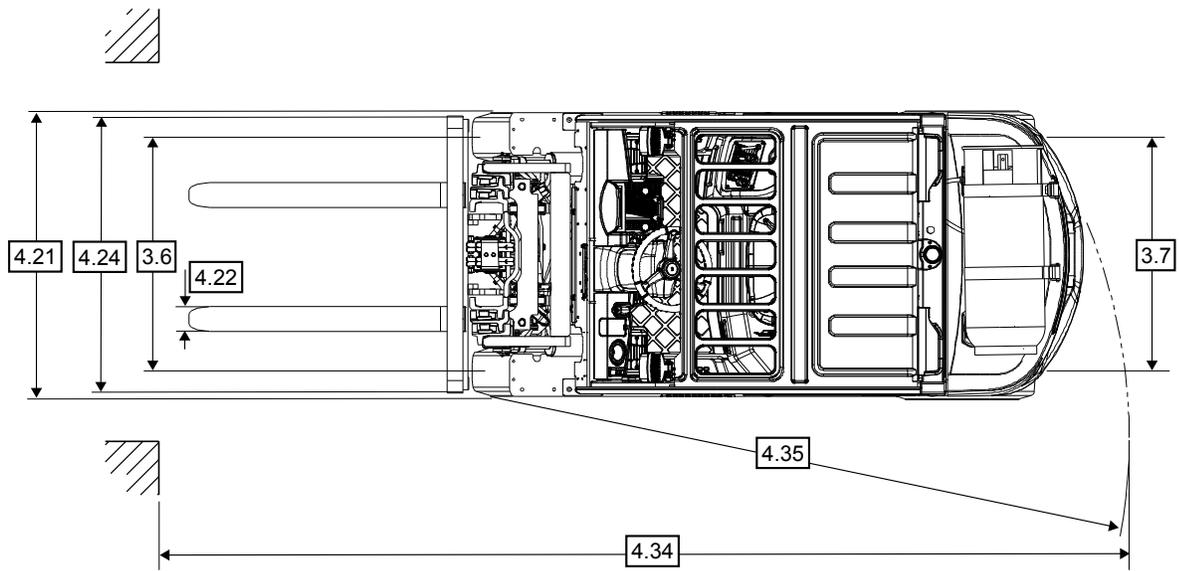
C-G

4,000-7,000 lb Capacity
LPG Pneumatic Tire

Specifications



CG35EC-7



C-G Series

Specifications

				Imperial	Metric	Imperial	Metric	Imperial	Metric	
General	1.2	Model		CG20E-7		CG25E-7		CG30E-7		
	1.3	Power Type		LPG						
	1.4	Operator Type		Seated						
	1.5	Load Capacity	lb kg	4,000	2000	5,000	2500	6,000	3000	
	1.6	Load Center	Fork Face to Load CG	in mm	24	500	24	500	24	500
	1.8	Load Distance	Center of Wheel to Fork Face	in mm	18.9	480	18.9	480	19.1	485
	1.9	Wheelbase		in mm	64	1625	64	1625	66.9	1700
Weight	2.1	Service Weight		lb kg	7904	3585	8741	3965	9,678	4390
	2.2	Axle Load	Loaded, Front/Rear	lb kg	10,858/1,455	4925/660	12,445/1,808	5645/820	14,297/1,995	6485/905
	2.3		Unloaded, Front/Rear	lb kg	37,92/4,112	1720/1865	3,616/5,126	1640/2325	3,847/5,831	1745/2645
Tires	3.1	Tire Type		Pneumatic						
	3.2	Tire Size	Front		7.00x15-12		7.00x15-12		28x9x15-12	
	3.3		Rear		6.50x10-10		6.50x10-10		6.50x10-10	
	3.5	Wheels	Number Front / Rear	x = driven	x 2 / 2					
	3.6	Track Width	Front	in mm	38.4	975	38.4	975	38.7	982
	3.7		Rear	in mm	39.4	1000	39.4	1000	39.4	1000
	4.1	Mast	Tilt, Forward / Backward	deg	See Mast Chart					
4.2	Collapsed Height		in mm							
4.3	Free Lift		in mm							
4.4	Fork Height		in mm							
4.5	Extended Height		in mm							
4.7	Height of Overhead Guard, Cabin	OHG/Cabin	in mm	85.9	2183	85.9	2183	85.9	2183	
4.8	Seat Height		in mm	40.4	1026	40.4	1026	40.4	1026	
4.20	Headlength	Length to Fork Face	in mm	99.6	2530	102	2595	106	2700	
4.21	Overall Width		in mm	45.7	1160	45.7	1160	47.1	1197	
4.22	Forks	Thickness x Width x Length	in mm	1.6-1.8 x 4 x 39-71	n/a	1.6-1.8 x 4 x 39-71	n/a	1.8-2 x 5 x 41-94	n/a	
4.23	Fork Carriage	ISO Class	Type	II A		II A		II / III A		
4.24		Width	in mm	43 / 57	n/a	43 / 57	n/a	43 / 44 / 57	n/a	
4.31	Ground Clearance	Loaded, Lowest Point	in mm	4.53	115	4.53	115	4.13	105	
4.32		Center of Wheelbase	in mm	5.63	143	5.63	143	5.63	143	
4.34.1	Working Aisle Width for Pallets	L = 48" x W = 40"	in mm	154	3905	155.5	3950	159.5	4050	
4.34.2			in mm							
4.35	Turning Radius	External	in mm	87.4	2220	89.2	2265	93.1	2365	
4.36		Internal	in mm	n/a	n/a	n/a	n/a	n/a	n/a	
5.1	Travel Speed	Loaded/Empty	mph km/h	12/12.5	19/20	12/12.5	19/20	11/12	18/19	
5.2	Lift Speed	Loaded/Empty	fpm m/s	108/112	.55/.57	105/112	.54/.57	102/112	.52/.57	
5.3	Lowering Speed	Loaded/Empty	fpm m/s	100 / 90.5	0.51 / 0.46	100 / 90.5	0.51 / 0.46	100 / 90.5	0.51 / 0.46	
5.5	Draw Bar Pull @1mph/1.6kph	Loaded/Empty	lb N	n/a	n/a	n/a	n/a	n/a	n/a	
5.6	Max. Draw Bar Pull	Loaded/Empty	lb N	4,428 / 4,328	19698 / 19251	4,538 /	20188 / 18460	4,649 / 4,507	20678 / 20046	
5.7	Gradeability @1mph/1.6kph	Loaded/Empty	%	n/a		n/a		n/a		
5.8	Max. Gradeability	Loaded/Empty	%	38.2 / 53.5		33.5 / 56.7		30 / 52.8		
5.10	Brakes	Service	Type	Oil Cooled Disc						
5.10.2		Parking	Type	Manual Lever Cable						
7.1	Manufacturer/Model	Engine		HMC 2.4						
7.2	Power	DIN ISO1585	HP kW	59	47.8	59	47.8	59	47.8	
7.3	Rated Speed	RPM	min-1	2,300						
7.3.1	Torque	@ 1min.	ft-lb@rpm N-m@rpm	132	179	132	179	132	179	
7.4	Number of Cylinders/Displacement	# / L # / cm ³		4 / 2.4	4 / 2349	4 / 2.4	4 / 2349	4 / 2.4	4 / 2349	
7.10	Battery Voltage/Nominal Capacity	Voltage/Ampere hour	V Ah	12/50						
8.0	Transmission		Type	Powershift (Torque Converter)						
8.2.1	Number of Speeds	Forward/Reverse		1 / 1						
10.1	Operating Pressure for Attachments		psi bar	2,260	156	2,260	156	2,260	156	
10.2	Oil Volume for Attachments		gpm lpm	15.9	60	15.9	60	15.9	60	
10.4	Fuel Tank Capacity		gal l	n/a	n/a	n/a	n/a	n/a	n/a	
10.7	Sound Level @ Driver's Ear	EN 12053	dB(A)	84						

Note: Values listed in the specification sheet have been rounded. Performance may vary due to operation conditions and / or forklift configurations. Products and specifications are subject to change without prior notice.

C-G Series

Specifications

				Imperial	Metric	Imperial	Metric	
General	1.2	Model		CG33E-7		CG35EC-7		
	1.3	Power Type		LPG				
	1.4	Operator Type		Seated				
	1.5	Load Capacity	lb kg	6,500	3250	7,000	3500	
	1.6	Load Center	Fork Face to Load CG	in mm	24	500	24	500
	1.8	Load Distance	Center of Wheel to Fork Face	in mm	19.1	485	19.5	495
	1.9	Wheelbase		in mm	66.9	1700	66.9	1700
Weight	2.1	Service Weight		lb kg	10,064	4565	10,516	4770
	2.2	Axle Load	Loaded, Front/Rear	lb kg	14,198/2,480	6440/1125	15,961/2,271	7240/1030
	2.3		Unloaded, Front/Rear	lb kg	3,748/6,316	1700/2865	3,726/6,790	1690/3080
Tires	3.1	Tire Type		Pneumatic				
	3.2	Tire Size	Front		28x9x15-12		250x15-18	
	3.3		Rear		6.50x10-12		6.50x10-12	
	3.5	Wheels	Number Front / Rear	x = driven	x 2 / 2			
	3.6	Track Width	Front	in mm	38.7	982	40.4	1026
	3.7		Rear	in mm	39.37	1000	39.37	1000
	Dimensions	4.1	Mast	Tilt, Forward / Backward	deg	See Mast Chart		
4.2		Collapsed Height		in mm				
4.3		Free Lift		in mm				
4.4		Fork Height		in mm				
4.5		Extended Height		in mm				
4.7		Height of Overhead Guard, Cabin	OHG/Cabin	in mm	85.9	2183	85.9	2183
4.8		Seat Height		in mm	40.4	1026	40.4	1026
4.20		Headlength	Length to Fork Face	in mm	107.0	2730	109	2765
4.21		Overall Width		in mm	47.1	1197	49.4	1255
4.22		Forks	Thickness x Width x Length	in mm	1.8-2 x 5 x 41-94	n/a	1.8-2 x 5 x 41-94	n/a
4.23		Fork Carriage	ISO Class	Type	III A		III A	
4.24			Width	in mm	44 / 57	n/a	44 / 57	n/a
4.31		Ground Clearance	Loaded, Lowest Point	in mm	4.1	105	4.1	105
4.32			Center of Wheelbase	in mm	5.6	143	5.6	143
4.34.1		Working Aisle Width for Pallets	L = 48" x W = 40"	in mm	160.5	4080	162	4115
4.34.2				in mm				
4.35		Turning Radius	External	in mm	94.3	2395	95.3	2420
4.36	Internal		in mm	n/a	n/a	n/a	n/a	
Performance	5.1	Travel Speed	Loaded/Empty	mph km/h	11/12	18/19	11/12	18/19
	5.2	Lift Speed	Loaded/Empty	fpm m/s	105/116	.54/.59	104/116	.53/.59
	5.3	Lowering Speed	Loaded/Empty	fpm m/s	100 / 90.5	0.51 / 0.46	100 / 90.5	0.51 / 0.46
	5.5	Draw Bar Pull @1mph/1.6kph	Loaded/Empty	lb N	n/a	n/a	n/a	n/a
	5.6	Max. Draw Bar Pull	Loaded/Empty	lb N	4,627 / 4,515	20580 / 20083	4,450 / 4,315	19796 / 19194
	5.7	Gradeability @1mph/1.6kph	Loaded/Empty	%	n/a		n/a	
	5.8	Max. Gradeability	Loaded/Empty	%	27.9 / 50.4		25.1 / 44.6	
	5.10	Brakes	Service	Type	Oil Cooled Disc			
5.10.2	Parking		Type	Manual Lever Cable				
Drivetrain	7.1	Manufacturer/Model	Engine	HMC 2.4				
	7.2	Power	DIN ISO1585	HP kW	59	47.8	59	47.8
	7.3	Rated Speed	RPM	min-1	2,300			
	7.3.1	Torque	@ 1min.	ft-lb@rpm N-m@rpm	132	179	132	179
	7.4	Number of Cylinders/Displacement		³ # / L # / cm	4 / 2.4	4 / 2349	4 / 2.4	4 / 2349
	7.10	Battery Voltage/Nominal Capacity	Voltage/Ampere hour	V Ah	12/50			
	8.0	Transmission		Type	Powershift (Torque Converter)			
	8.2.1	Number of Speeds	Forward/Reverse		1 / 1			
Other	10.1	Operating Pressure for Attachments		psi bar	2,260	156	2,260	156
	10.2	Oil Volume for Attachments		gpm lpm	15.9	60	15.9	60
	10.4	Fuel Tank Capacity		gal l	n/a	n/a	n/a	n/a
	10.7	Sound Level @ Driver's Ear	EN 12053	dB(A)	84			

Note: Values listed in the specification sheet have been rounded. Performance may vary due to operation conditions and / or forklift configurations. Products and specifications are subject to change without prior notice.

Mast Chart C-G 20 E-7

Mast Type	Maximum Fork Height h3		Mast Collapsed Height h1		Mast Extended Height h4 With Load Backrest		Mast Free Lift Height h2 With Load Backrest	
	in	mm	in	mm	in	mm	in	mm
TL (STD)	80	2030	62	1575	130	3290	6	147
	102	2580	73	1850	151	3840	6	147
	116	2950	80	2035	166	4210	6	147
	127	3230	86	2175	177	4490	6	147
	138	3500	95	2425	188	4765	6	147
	150	3800	101	2575	199	5065	6	147
	156	3950	104	2650	205	5215	6	147
	171	4350	112	2850	221	5615	6	147
	195	4960	124	3150	245	6215	6	147
TF (FF)	102	2580	73	1850	151	3840	25	645
	116	2950	80	2035	166	4210	33	830
	127	3230	86	2175	177	4490	38	970
	142	3600	95	2425	192	4865	48	1220
TT (FFT)	154	3900	75	1900	203	5165	27	695
	169	4290	80	2035	219	5570	33	830
	186	4730	86	2175	236	5990	38	970
	189	4805	87	2200	239	6065	39	995
	219	5560	99	2525	268	6815	52	1320
	237	6010	105	2675	286	7265	58	1470

Mast Chart C-G 25 E-7

Mast Type	Maximum Fork Height h3		Mast Collapsed Height h1		Mast Extended Height h4 With Load Backrest		Mast Free Lift Height h2 With Load Backrest	
	in	mm	in	mm	in	mm	in	mm
TL (STD)	80	2030	62	1575	130	3290	6	147
	102	2580	73	1850	151	3840	6	147
	116	2950	80	2035	166	4210	6	147
	127	3230	86	2175	177	4490	6	147
	138	3500	95	2425	188	4765	6	147
	150	3800	101	2575	199	5065	6	147
	156	3950	104	2650	205	5215	6	147
	171	4350	112	2850	221	5615	6	147
	195	4960	124	3150	245	6215	6	147
TF (FF)	102	2580	73	1850	151	3840	25	645
	116	2950	80	2035	166	4210	33	830
	127	3230	86	2175	177	4490	38	970
	142	3600	95	2425	192	4865	48	1220
TT (FFT)	154	3900	75	1900	203	5165	27	695
	169	4290	80	2035	219	5570	33	830
	186	4730	86	2175	236	5990	38	970
	189	4805	87	2200	239	6065	39	995
	219	5560	99	2525	268	6815	52	1320
	237	6010	105	2675	286	7265	58	1470

Note: Mast Specifications and Rated Capacities are based on a standard chassis with pneumatic tire and without side shifter.

Mast Chart C-G 30 E-7

Mast Type	Maximum Fork Height h3		Mast Collapsed Height h1		Mast Extended Height h4 With Load Backrest		Mast Free Lift Height h2 With Load Backrest	
	in	mm	in	mm	in	mm	in	mm
TL (STD)	80	2030	62	1565	130	3290	6	152
	102	2580	72	1840	151	3840	6	152
	116	2950	80	2025	166	4210	6	152
	127	3230	85	2165	177	4490	6	152
	138	3500	95	2415	188	4765	6	152
	150	3800	101	2565	199	5065	6	152
	156	3950	104	2640	205	5215	6	152
	171	4350	112	2840	221	5615	6	152
	195	4960	124	3140	245	6215	6	152
TF (FF)	102	2580	72	1840	151	3840	25	640
	116	2950	80	2025	166	4210	32	825
	127	3230	85	2165	177	4490	38	965
	142	3600	95	2415	192	4865	48	1215
TT (FFT)	154	3900	74	1890	203	5165	27	690
	169	4290	80	2025	219	5570	32	825
	186	4730	85	2165	236	5990	38	965
	189	4805	86	2190	239	6065	39	990
	219	5560	99	2515	268	6815	52	1315
	237	6010	105	2665	286	7265	58	1465

Mast Chart C-G 33 E-7

Mast Type	Maximum Fork Height h3		Mast Collapsed Height h1		Mast Extended Height h4 With Load Backrest		Mast Free Lift Height h2 With Load Backrest	
	in	mm	in	mm	in	mm	in	mm
TL (STD)	80	2030	62	1565	130	3290	6	152
	102	2580	72	1840	151	3840	6	152
	116	2950	80	2025	166	4210	6	152
	127	3230	85	2165	177	4490	6	152
	138	3500	95	2415	188	4765	6	152
	150	3800	101	2565	199	5065	6	152
	156	3950	104	2640	205	5215	6	152
	171	4350	112	2840	221	5615	6	152
	195	4960	124	3140	245	6215	6	152
TF (FF)	102	2580	72	1840	151	3840	25	640
	116	2950	80	2025	166	4210	32	825
	127	3230	85	2165	177	4490	38	965
	142	3600	95	2415	192	4865	48	1215
TT (FFT)	154	3900	74	1890	203	5165	27	690
	169	4290	80	2025	219	5570	32	825
	186	4730	85	2165	236	5990	38	965
	219	5560	99	2515	268	6815	52	1315
	237	6010	105	2665	286	7265	58	1465

Note: Mast Specifications and Rated Capacities are based on a standard chassis with pneumatic tire and without side shifter.

Mast Chart C-G 35 EC-7

Mast Type	Maximum Fork Height h3		Mast Collapsed Height h1		Mast Extended Height h4 With Load Backrest		Mast Free Lift Height h2 With Load Backrest	
	in	mm	in	mm	in	mm	in	mm
TL (STD)	71	1800	62	1565	120	3060	6	152
	93	2350	72	1840	142	3610	6	152
	107	2720	80	2025	157	3980	6	152
	118	3000	85	2165	168	4260	6	152
	138	3495	95	2415	187	4760	6	152
	144	3655	101	2565	194	4915	6	152
	150	3805	104	2640	199	5065	6	152
	166	4205	112	2840	215	5465	6	152
	189	4805	124	3140	239	6065	6	152
TF (FF)	93	2350	72	1840	142	3610	25	640
	107	2720	80	2025	157	3980	32	825
	118	3000	85	2165	168	4260	38	965
	138	3495	95	2415	187	4755	48	1215
TT (FFT)	140	3555	74	1890	190	4815	27	690
	156	3960	80	2025	206	5220	32	825
	172	4380	85	2165	222	5640	38	965
	190	4820	92	2335	240	6085	45	1135
	205	5205	99	2515	255	6465	52	1315
	223	5655	105	2665	272	6915	58	1465

Note: Mast Specifications and Rated Capacities are based on a standard chassis with pneumatic tire and without side shifter.

Standard Features

1. HMC 2.4 Liter Engine with Engine Shutdown Protection
2. Single Speed Transmission Fwd/Rev
3. Oil Cooled Disc Brakes
4. Low LP Warning Light
5. Vented Side Panels
6. Combination Lights (Brake, Turn, Tail, Reverse Lights)
7. 3-Way valve, 3 Levers
8. Dual Element Air Cleaner
9. Full Floating Drive Axle
10. Toolless Access for Routine Maintenance and Checks
11. Pneumatic Air Filled Tires
12. Operator Design Features
 - Clear-View Overhead Guard and Mast Design
 - Wide Spacious Floorboard
 - Removable Floor Mat and Plate
 - Parking Brake Alarm
 - Entry Grab Bar
 - Easy to Read Display
 - Seat Belt Indicator
 - Adjustable Tilt Steering Column
 - Steering Knob
 - Large Rear View Mirrors
 - Rear Grab Bar with Horn Button
 - Power Steering
 - Static or Suspension Seat Choices

Optional Equipment

1. Operator Design Options
 - Tilt Position Assist
 - Panoramic Mirror
 - Plastic Mirror
 - Premium Grammer Suspension Seats
 - Modular Cab Covers
 - Hard Cab with Heater
 - Top Speed Control
 - Swing out and down LP Tank holder
2. Attachments
 - Hang-On Sideshifters
 - Integral Sideshifters
 - Integral Sideshifting Fork Positioners
 - 4th Lever Interlock and Switch
 - Keyless Ignition
3. Application Options
 - Weight Scale
 - Hydraulic Accumulators
 - Tilt Cylinder Rod Covers
 - LPS UL Rated
 - Radiator Screen
 - Open Core Radiator
 - Lifting Eyes
 - Pre Cleaner
 - Belly Plates and Engine Guards
 - Anti Direction Change Controller
 - Various Light Packages
 - Drive In Rack Overhead Guard
 - Lower Overhead Guard
 - Dual Drive Tires
 - Soft Solid Tires
 - Non-Marking Tires
 - Back Up Alarms

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

Full line of Attachments.

Contact your local Crown dealer for additional options.

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 vehicle, how it is equipped and the conditions of the operating area. Products and specifications are subject to change without notice.



crown.com

You can count on Crown to sell 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.

Crown, the Crown logo, the color beige, the Momentum symbol, and InfoLink are trademarks of Crown Equipment Corporation in the United States and other countries.

Copyright 2025 Crown Equipment Corporation
SF21200 07-25