

CROWN

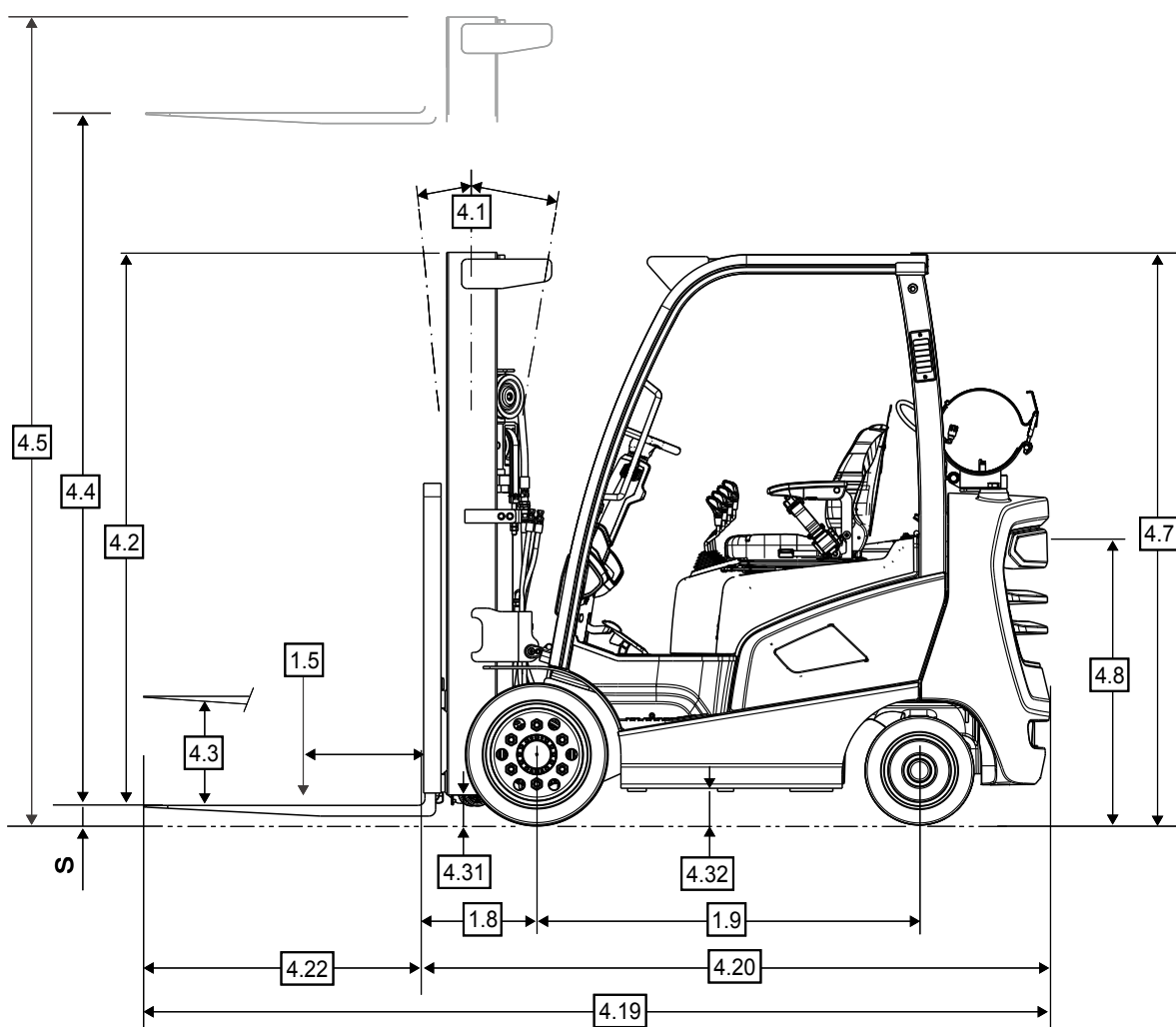
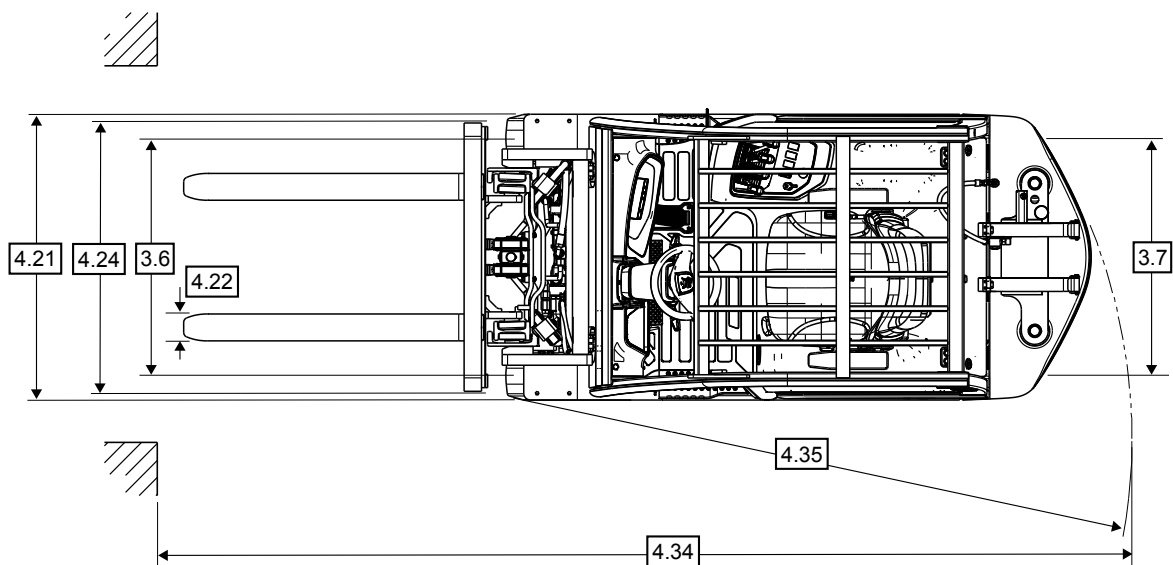
C-G

4,000-6,500 lb Capacity
LPG Cushion Tire

Specifications



CGC25S-9



C-G Series

Specifications

				Imperial	Metric	Imperial	Metric
General	1.2	Model		CGC20S-9		CGC25S-9	
	1.3	Power Type		LPG			
	1.4	Operator Type		Seated			
	1.5	Load Capacity	lb kg	4,000	1800	5,000	2250
	1.6	Load Center	Fork Face to Load CG in mm	24	610	24	610
	1.8	Load Distance	Center of Wheel to Fork Face in mm	16.3	415	16.5	420
	1.9	Wheelbase	in mm	56.3	1430	56.3	1430
Weight	2.1	Service Weight	lb kg	7,610	3450	8,360	3790
	2.2	Axle Load	Loaded, Front/Rear lb kg	9,849/1740	4,460/790	11,360/1960	5,150/890
	2.3		Unloaded, Front/Rear lb kg	3,020/4590	1,370/2180	2,850/5510	1,290/2500
Tires	3.1	Tire Type		Cushion			
	3.2	Tire Size	Front	21x7-15		21x7-15	
	3.3		Rear	16x5-10.5		16x5-10.5	
	3.5	Wheels	Number Front / Rear x = driven	x 2 / 2			
	3.6	Track Width	Front in mm	34.9	887	34.9	887
	3.7		Rear in mm	36.0	915	36.0	915
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	83.6	2125	83.6	2125
	4.8	Seat Height	in mm	43	1095	43	1095
	4.20	Head Length	Length to Fork Face in mm	89.6	2275	91.7	2330
	4.21	Overall Width	in mm	41.9	1065	41.9	1065
	4.22	Forks	Thickness x Width x Length in mm	1.6x3.9x41.3	40x100x1050	1.6x3.9x41.3	40x100x1050
	4.23	Fork Carriage	ISO Class Type	II A		II A	
	4.24		Width in mm	38.3	973	38.3	973
	4.31	Ground Clearance	Loaded, Lowest Point in mm	4.33	110	4.33	110
	4.32		Center of Wheelbase in mm	5.31	135	5.31	135
	4.34.1	Working Aisle Width for Pallets	L = 48" x W = 40" in mm	142.3	3615	144.3	3665
4.35	Turning Radius	External in mm	76.2	1935	78.0	1980	
4.36		Internal in mm	25.4	644	25.4	644	
Performance	5.1	Travel Speed	Loaded/Empty mph km/h	10.6/10.9	17/17.5	10.6/10.9	17/17.5
	5.2	Lift Speed	Loaded/Empty fpm m/s	124/128	.63/.65	122/128	.62/.65
	5.3	Lowering Speed	Loaded/Empty fpm m/s	100.4/90.5	.51/.46	100.4/90.5	.51/.46
	5.5	Draw Bar Pull @1mph/1.6kph	Loaded/Empty lb N	4,311/4,285	19178/19060	4,292/4,295	19090/18943
	5.6	Max. Draw Bar Pull	Loaded/Empty lb N	4,992/4,991	22204/22199	4,971/4,968	22111/22098
	5.7	Gradeability @1mph/1.6kph	Loaded/Empty %	40.8/72.4		34.4/62.4	
	5.8	Max. Gradeability	Loaded/Empty %	48.7/90.9		41/76.3	
	5.10	Brakes	Service Type	Oil Cooled Disc			
	5.10.2		Parking Type	Electronic			
	7.1	Manufacturer/Model	Engine	HMC 2.4			
Drivetrain	7.2	Power	DIN ISO1585 HP kW	64	48	64	48
	7.3	Rated Speed	RPM min-1	2,600			
	7.3.1	Torque	@ 1min. ft-lb@rpm N-m@rpm	135.9	184.2	135.9	184.2
	7.4	Number of Cylinders/Displacement	3# / L # / cm³	4 / 2.4	4 / 2488	4 / 2.4	4 / 2488
	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
Other	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.

C-G Series

Specifications

				Imperial	Metric	Imperial	Metric
General	1.2	Model		CGC30S-9		CGC33S-9	
	1.3	Power Type		LPG			
	1.4	Operator Type		Seated			
	1.5	Load Capacity	lb kg	6,000	3000	6,500	3250
	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	16.5	420	16.5	420
	1.9	Wheelbase	in mm	56.3	1430	56.3	1430
Weight	2.1	Service Weight	lb kg	9,440	4280	9,920	4500
	2.2	Axle Load	Loaded, Front/Rear lb kg	13,250/2,140	6010/970	14,050/2,380	6370/1080
	2.3		Unloaded, Front/Rear lb kg	3,010/6,430	1360/2920	2,860/7,060	1300/3200
Tires	3.1	Tire Type		Cushion			
	3.2	Tire Size	Front	21x8-15		21x8-15	
	3.3		Rear	16x6-10.5		16x6-10.5	
	3.5	Wheels	Number Front / Rear x = driven	x 2 / 2			
	3.6	Track Width	Front in mm	35.7	907	35.7	907
	3.7		Rear in mm	35.0	890	35	890
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	83.6	2125	83.6	2183
	4.8	Seat Height	in mm	43	1095	43	1095
	4.20	Head Length	Length to Fork Face in mm	94.1	2390	95.5	2425
	4.21	Overall Width	in mm	43.7	1110	43.7	1110
	4.22	Forks	Thickness x Width x Length in mm	1.8x4.9x41.3	45x125x1050	1.8x4.9x41.3	45x125x1050
	4.23	Fork Carriage	ISO Class Type	II / III A		III A	
	4.24		Width in mm	40.35	1025	40.35	1025
	4.31	Ground Clearance	Loaded, Lowest Point in mm	4.33	110	4.33	110
	4.32		Center of Wheelbase in mm	5.31	135	5.31	135
	4.34.1	Working Aisle Width for Pallets	L = 48" x W = 40" in mm	146.5	3720	147.6	3750
4.35	Turning Radius	External in mm	80.3	2040	81.5	2070	
4.36		Internal in mm	25.4	644	25.4	644	
Performance	5.1	Travel Speed	Loaded/Empty mph km/h	10.3/10.9	16.5/17.5	10.3/10.9	16.5/17.5
	5.2	Lift Speed	Loaded/Empty fpm m/s	120/128	.61/.65	118/128	.60/.65
	5.3	Lowering Speed	Loaded/Empty fpm m/s	100.4/90.5	.51/.46	100.4/90.5	.51/.46
	5.5	Draw Bar Pull @1mph/1.6kph	Loaded/Empty lb N	4,234/4,197	18874/18668	4,178/4,228	18586/18805
	5.6	Max. Draw Bar Pull	Loaded/Empty lb N	4,904/4,911	21815/21847	4,889/4,896	21747/21780
	5.7	Gradeability @1mph/1.6kph	Loaded/Empty %	28.8/52.1		26.7/48.4	
	5.8	Max. Gradeability	Loaded/Empty %	33.9/62		31.5/57.9	
	5.10	Brakes	Service Type	Oil Cooled Disc			
	5.10.2		Parking Type	Electronic			
	Drivetrain	7.1	Manufacturer/Model	Engine	HMC 2.4		
7.2		Power	DIN ISO1585 HP kW	64	48	64	48
7.3		Rated Speed	RPM min-1	2,600			
7.3.1		Torque	@ 1min. ft-lb@rpm N-m@rpm	135.9	184.2	135.9	184.2
7.4		Number of Cylinders/Displacement	³ # / L # / cm ³	4 / 2.4	4 / 2488	4 / 2.4	4 / 2488
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-C 20 S-9

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	60	1575	130	3290	6	147
	118	2580	80	1850	168	3840	6	147
	127	2950	84	2035	177	4210	6	147
	150	3800	100	2575	200	5065	6	147
	171	4350	111	2850	221	5615	6	147
TF (FF)	127	3230	84	2175	177	4490	64	970
	142	3600	84	2425	192	4865	74	1220
TT (FFT)	154	3900	75	1900	204	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
	203	5155	90	2285	253	6425	70	1780
	219	5560	99	2525	269	6815	78	1980
	237	6010	105	2675	287	7265	83	2110
	256	6500	112	2845	306	7770	92	2335
Quad	240	6095	84	2130	290	7365	64	1625
	261	6630	92	2335	301	7645	72	1830
	277	7035	96	2440	327	8305	76	1930
	313	7950	109	2770	363	9220	89	2260
	325	8255	113	2870	375	9525	93	2360

Mast Chart C-G-C 25 S-9

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	60	1575	130	3290	6	147
	118	2580	80	1850	168	3840	6	147
	127	2950	84	2035	177	4210	6	147
	150	3800	100	2575	200	5065	6	147
	171	4350	111	2850	221	5615	6	147
TF (FF)	127	3230	84	2175	177	4490	64	970
	142	3600	84	2425	192	4865	74	1220
TT (FFT)	154	3900	75	1900	204	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
	203	5155	90	2285	253	6425	70	1780
	219	5560	99	2525	269	6815	78	1980
	237	6010	105	2675	287	7265	83	2110
	256	6500	112	2845	306	7770	92	2335
Quad	240	6095	84	2130	290	7365	64	1625
	261	6630	92	2335	301	7645	72	1830
	277	7035	96	2440	327	8305	76	1930
	313	7950	109	2770	363	9220	89	2260
	325	8255	113	2870	375	9525	93	2360

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

C-G Series

Specifications

Mast Chart C-G-C 30 S-9

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)	118	3000	80	2030	168	4265	6	152
	127	3225	84	2130	177	4495	6	152
	148	3760	97	2465	198	5030	6	152
	195	4955	122	3100	245	6220	6	152
TF (FF)	116	2945	77	1955	166	4215	58	1470
	142	3605	93	2360	192	4875	74	1880
TT (FFT)	154	3900	75	1900	204	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
	203	5155	90	2285	253	6425	70	1780
	219	5560	99	2525	269	6815	78	1980
	237	6010	105	2675	287	7265	83	2110
	256	6500	112	2845	306	7770	92	2335
Quad	240	6095	84	2130	290	7365	64	1625
	261	6630	92	2335	301	7645	72	1830
	277	7035	96	2440	327	8305	76	1930
	313	7950	109	2770	363	9220	89	2260
	325	8255	113	2870	375	9525	93	2360

Mast Chart C-G-C 33 S-9

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)	118	3000	80	2030	168	4265	6	152
	127	3225	84	2130	177	4495	6	152
	148	3760	97	2465	198	5030	6	152
	195	4955	122	3100	245	6220	6	152
TF (FF)	116	2945	77	1955	166	4215	58	1470
	142	3605	93	2360	192	4875	74	1880
TT (FFT)	154	3900	75	1900	204	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
	203	5155	90	2285	253	6425	70	1780
	219	5560	99	2525	269	6815	78	1980
	237	6010	105	2675	287	7265	83	2110
	256	6500	112	2845	306	7770	92	2335

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

*This mast is available via SQ on GC30/33.

Standard Features

1. HMC 2.4 Liter Engine with Engine Shutdown Protection
2. Single Speed Transmission Fwd/Rev
3. Oil Cooled Disc Brakes
4. Vented Side Panels
5. Front Flood Lights - LED
6. 3-Way Valve, 3 Levers
7. Dual Element Air Cleaner
8. Full Floating Drive Axle
9. Toolless Access for Routine Maintenance and Checks
10. Cushion Tires
11. 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 and Telescopic 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
 - Top Speed Control
 - Swing out and down LP Tank holder
 - Cup Holder
2. Attachments
 - Hang-On Sideshifters
 - Integral Sideshifters
 - Integral Sideshifting Fork Positioners
 - 4th Lever Interlock and Switch
3. Application Options
 - Weight Scale
 - LPS UL Rated
 - Radiator Screen
 - Open Core Radiator
 - Pre Cleaner
 - Belly Plates and Engine Guards
 - Anti Direction Change Controller
 - Various Light Packages
 - Drive In Rack Overhead Guard
 - Lower Overhead Guard
 - Non-Marking Tires
 - Back Up Alarms
 - Foot Directional Control
 - Fire Extinguisher Options
 - Quick Disconnect Options
 - Low LP Warning Light
 - Combination Lights (Brake, Turn, Tail, Reverse Lights)

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.

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