

CROWN

C-G

8,000-12,000 lb Capacity

IC Cushion Tire

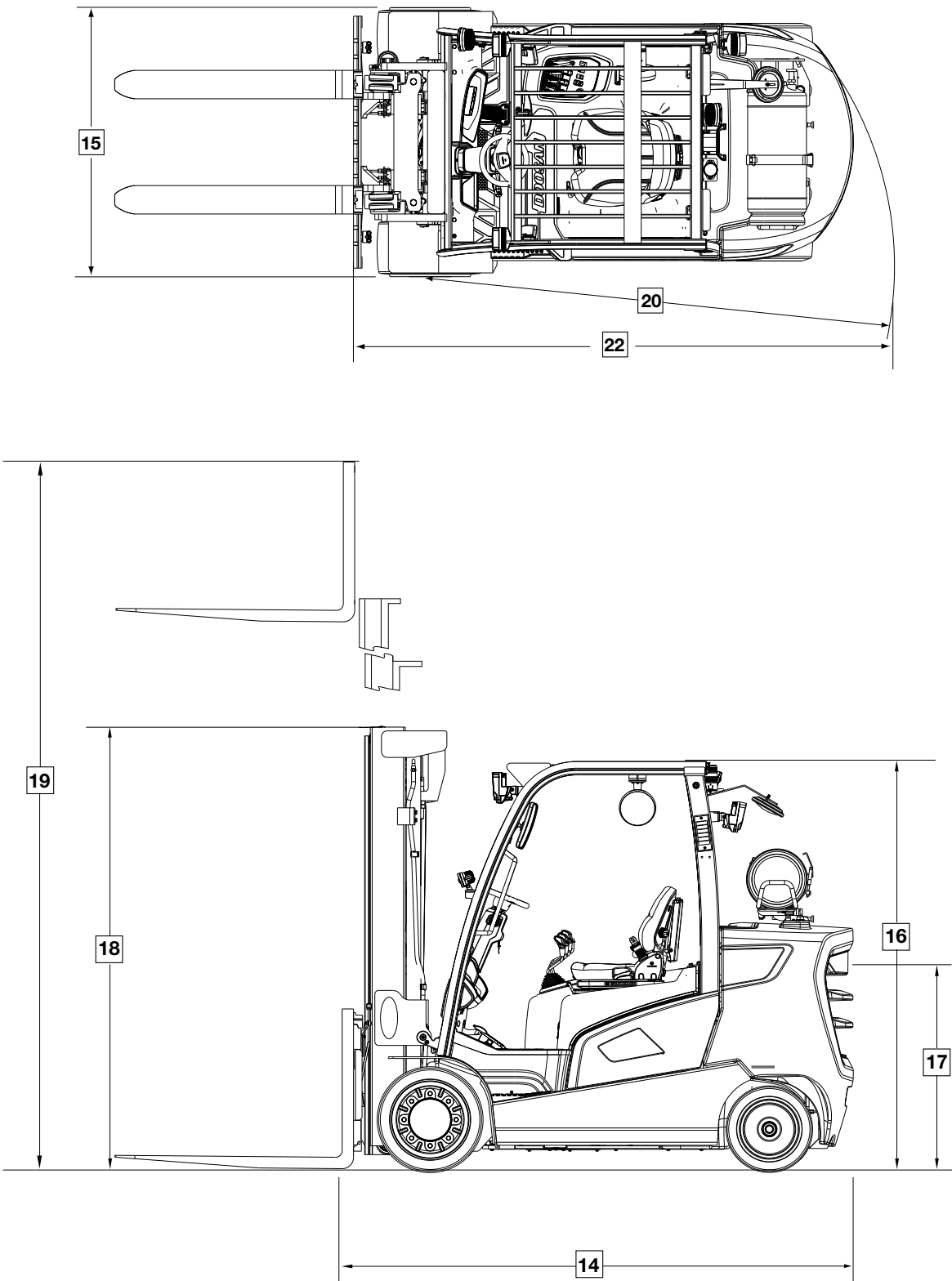
Specifications





C-G Series

IC Cushion Tire



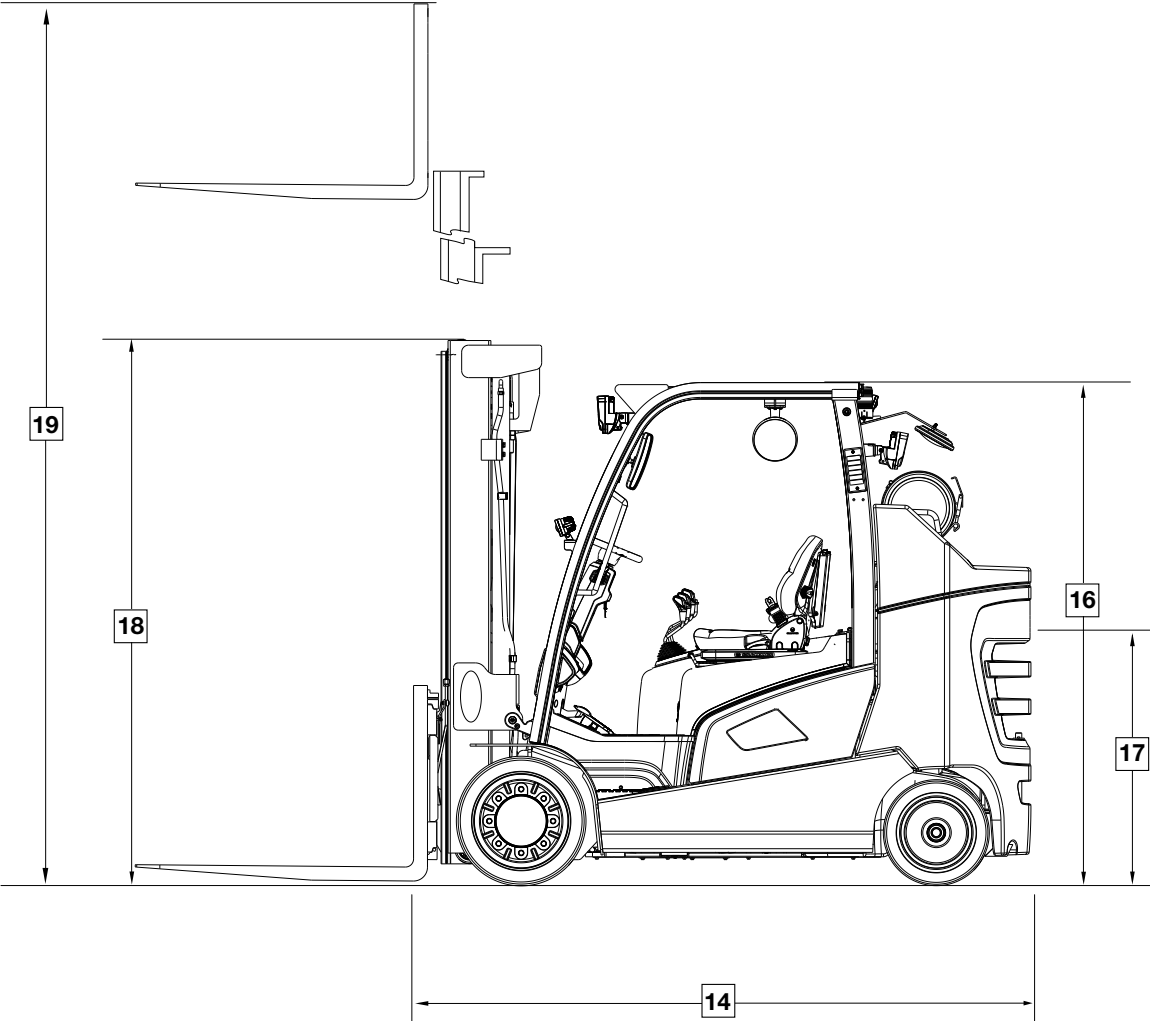
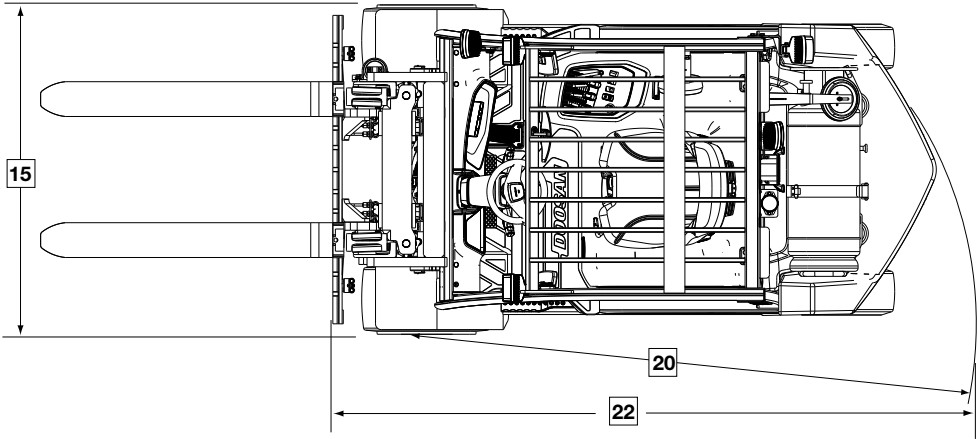
C-G Series

Specifications

			Imperial		Metric		Imperial		Metric		Imperial		Metric	
Characteristics	1	Model			CGC35S-9		CGC45S-9		CGC55C-9					
	2	Load Capacity	lb kg		8000 3629		10000 4536		12000 5443					
	3	Load Center	Fork Face to Load CG in mm		24 610		24 610		24 610					
	4	Power Type	Electric, Gas, LPG, Diesel		LPG									
	5	Operator Type			Sit-down Rider Counterbalance									
	6	Tire Type	Pneumatic, Super Elastic, Cushion		Cushion									
	7	Wheels (x = driven)	Front / Rear		2x / 2									
	8	Steering Type			Hydrostatic									
	9	Mast	Lifting Height (MFH) in mm		See Mast Chart									
	10		Free Lift Height in mm											
Dimensions		Fork Carriage	ISO 2328, Class / Type A,B		III / A		IV / A		IV / A					
	11	Forks	Standard L x W x T in mm		47.2 x 5.9 x2 1200 x 150 x 50		47.2 x 5.9 x 2.4 1200 x 150 x 60		47.2 x 5.9 x 2.4 1200 x 150 x 60					
	12		Optional Lengths in mm		41, 53, 59, 71, 94 1041, 1346, 1499, 1803, 2388		53, 59, 71, 79, 94 1346, 1499, 1803, 2007, 2388		53, 59, 71, 79, 94 1346, 1499, 1803, 2007, 2388					
	13	Tilt of Mast	Forward / Backward deg		5 / 6									
	14	Headlength	Length to Fork Face in mm		102 2590		105.9 2690		108.3 2750					
	15	Overall Width	in mm		50 1270		55.9 1420		55.9 1420					
	16	Height of Overhead Guard	Floor to OHG in mm		84.8 2155		84.8 2155		84.8 2155					
	17	Height of Seat	Floor to Seat in mm		43.5 1105		43.5 1105		43.5 1105					
	18	Mast Collapsed Ht.	With Load Backrest in mm		See Mast Chart									
	19	Mast Extended Ht.	With Load Backrest in mm											
	20	Turning Radius	in mm		90.5 2298		95.1 2415		97 2463					
	21	Load Distance	Center of Drive Axle to Fork Face in mm		17.6 447		18 457		18 457					
	22	Aisle Width (Add Load + Clearance)	Right Angle Stack (L = 48" x W = 40") in mm		108.1 2745		113.1 2872		115 2920					
Performance	23	Travel Speed	Empty / Loaded mph km/h		10.2 / 10.5 16.4 / 16.9		10.5 / 10 16.9 / 16.1		10.5 / 10 16.9 / 16.1					
	24	Lift Speed	Empty / Loaded fpm m/s		120.1 / 126 0.61 / .064		126 / 116.1 0.64 / 0.59		126 / 116.1 0.64 / 0.59					
	25	Lowering Speed	Empty / Loaded fpm m/s		100.4 / 88.6 0.51 / 0.45		88.6 / 100.4 0.45 / 0.51		88.6 / 100.4 0.45 / 0.51					
	26	Drawbar Pull @ 1 mph	Empty / Loaded lb kg		7209 / 7181 32,115 / 31,987		7143 / 7016 31,821 / 31,252		7117 / 6939 31,703 / 30,909					
	27	Drawbar Pull Max.	Empty / Loaded lb kg		8224 / 7154 36,632 / 31,870		8153 / 8070 36,319 / 35,946		8127 / 7993 36,201 / 35,603					
	28	Gradeability @ 1 mph	Empty / Loaded %		69 / 38		51 / 29		47 / 25					
	29	Gradeability Max.	Empty / Loaded %		77 / 42		61 / 33		56 / 29					
Weight	30	Vehicle Weight	lb kg		13470 6110		15754 7146		16702 7576					
	31	Axle Load - Front	Empty / Loaded lb kg		4657 / 18,043 2112 / 8184		4869 / 20,830 2208 / 9448		4795 / 23,948 2175 / 10,863					
Chassis	32	Axle Load - Rear	Empty / Loaded lb kg		8813 / 3427 3997 / 1554		10,885 / 4924 4937 / 2234		11,906 / 4753 5401 / 2156					
	33	Tire Size - Front	OD x Width x Rim Dia. in		22 x 9 x 16		22 x 12 x 16		22 x 12 x 16					
	34	Tire Size - Rear	OD x Width x Rim Dia. in mm		18 x 7 x 12.2		18 x 7 x 12.2		18 x 7 x 12.2					
	35	Wheelbase	Distance in mm		61.8 1570		70.5 1790		70.5 1790					
	36	Tread / Track Width	Front / Rear in mm		41 / 41.1 1042 / 1044		43.9 / 41.4 1116 / 1044		43.9 / 41.4 1116 / 1044					
	37	Ground Clearance	Loaded at the lowest point in mm		4.3 110.5		4.3 110.5		4.3 110.5					
	38		Loaded at center of wheelbase in mm		5.1 130		5.1 130		5.1 130					
	39	Brakes	Service		Foot / Hydraulic / Oil Cooled Disc									
	40		Parking											
	Powertrain	41	Battery	Voltage / Ampere v / ah		12 / 75								
42		Engine	Manufacturer / Model		Kubota / WG 3800									
43			No. of Cylinders / Displacement CC				4 / 3,769							
44			Rated Power (SAE Gross) hp @ rpm kw @ rpm		92.5 / 2,500 69 / 2,500		92.5 / 2,500 69 / 2,500		92.5 / 2,500 69 / 2,500					
45			Maximum Torque (SAE) ft-lbs. @ rpm N-m @ rpm		213.9 / 1,200 290 / 1,200		213.9 / 1,200 290 / 1,200		213.9 / 1,200 290 / 1,200					
46		Transmission	Type		Powershift									
47			Number of Speeds Fwd / Rev				1 / 1							
48		Hydraulic Pressure	System Operating Pressure psi bar		2900 200		3190 220		3480 240					
49			Attachment Operating Pressure psi bar		2030 140		2030 140		2030 140					
50		Attachments	Oil Volume gpm lpm		31.7 120		31.7 120		31.7 120					

All dimensions based on a TL 2-stage mast.

Optional masts, attachments, longer load centers, and higher lifting heights may result in derating of truck capacity. Contact local dealer.



C-G Series

Specifications

				Imperial		Metric		Imperial		Metric		Imperial		Metric	
Characteristics	1	Model	Box Car Counterweight Models	CGC35S-9 BCS		CGC45S-9 BCS		CGC55C-9 BCS							
	2	Load Capacity	lb kg	8000	3629	10000	4536	12000	5443						
	3	Load Center	Fork Face to Load CG in mm	24	610	24	610	24	610						
	4	Power Type	Electric, Gas, LPG, Diesel	LPG											
	5	Operator Type		Sit-down Rider Counterbalance											
	6	Tire Type	Pneumatic, Super Elastic, Cushion	Cushion											
	7	Wheels (x = driven)	Front/Rear	2x / 2											
	8	Steering Type		Hydrostatic											
	9	Mast	Lifting Height (MFH) in mm	See Mast Chart											
	10		Free Lift Height in mm												
Dimensions		Fork Carriage	ISO 2328, Class / Type A,B	III / A		II / A		II / A							
	11	Forks	Standard L x W x T in mm	47.2 x 5.9 x2	1200 x 150 x 50	47.2 x 5.9 x 2.4	1200 x 150 x 60	47.2 x 5.9 x 2.4	1200 x 150 x 60						
	12		Optional Lengths in mm	41, 53, 59, 71, 94	1041, 1346, 1499, 1803, 2388	53, 59, 71, 79, 94	1346, 1499, 1803, 2007, 2388	53, 59, 71, 79, 94	1346, 1499, 1803, 2007, 2388						
	13	Tilt of Mast	Forward / Backward deg	5 / 6											
	14	Headlength	Length to Fork Face in mm	97.6	2480	101.3	2573	104.5	2655						
	15	Overall Width	in mm	50	1270	55.9	1420	55.9	1420						
	16	Height of Overhead Guard	Floor to OHG in mm	84.8	2155	84.8	2155	84.8	2155						
	17	Height of Seat	Floor to Seat in mm	43.5	1105	43.5	1105	43.5	1105						
	18	Mast Collapsed Ht.	With Load Backrest in mm	See Mast Chart											
	19	Mast Extended Ht.	With Load Backrest in mm												
	20	Turning Radius	in mm	82.8	2104	87.9	2232	94.5	2400						
	21	Load Distance	Center of Drive Axle to Fork Face in mm	17.6	447	17.6	447	18	457						
	22	Aisle Width (Add Load + Clearance)	Right Angle Stack in mm	100.4	2551	105	2679	112.5	2857						
Performance	23	Travel Speed	Empty / Loaded mph km/h	10.5 / 10.2	16.9 / 16.4	10.4 / 10.2	16.8 / 16.4	10.5 / 10.0	16.9 / 16.1						
	24	Lift Speed	Empty / Loaded fpm m/s	126 / 120.1	0.64 / 0.61	126.1 / 116.1	0.64 / 0.59	126.1 / 116.1	0.64 / 0.59						
	25	Lowering Speed	Empty / Loaded fpm m/s	88.6 / 100.4	0.45 / 0.51	88.6 / 100.4	0.45 / 0.51	88.6 / 100.4	0.45 / 0.51						
	26	Drawbar Pull @ 1 mph	Empty / Loaded lb kg	7227 / 7198	32,193 / 32,066	7181 / 7152	31,987 / 31,860	7128 / 6948	31,752 / 30,948						
	27	Drawbar Pull Max.	Empty / Loaded lb kg	8241 / 8270	36,711 / 36,838	8195 / 8224	36,505 / 36,632	8136 / 8001	36,240 / 35,643						
	28	Gradeability @ 1 mph	Empty / Loaded %	69 / 38		56 / 34		49 / 25							
	29	Gradeability Max.	Empty / Loaded %	84 / 44		68 / 35		58 / 29							
Weight	30	Vehicle Weight	lb kg	12,808	5810	14,658	6649	16340	7412						
	31	Axle Load - Front	Empty / Loaded lb kg	4992 / 18,378	2264 / 8336	4884 / 21,744	2215 / 9863	5104 / 24,257	2315 / 11,003						
Chassis	32	Axle Load - Rear	Empty / Loaded lb kg	7816 / 2430	3545 / 1102	9774 / 2914	4433 / 1322	11,236 / 4083	5097 / 1852						
	33	Tire Size - Front	OD x Width x Rim Dia. in	22 x 9 x 16											
	34	Tire Size - Rear	OD x Width x Rim Dia. in	18 x 7 x 12.2											
	35	Wheelbase	Distance in mm	61.8	1570	61.8	1570	70.5	1790						
	36	Tread / Track Width	Front / Rear in mm	41 / 41.1	1042 / 1044	43.9 / 41.1	1116 / 1044	43.9 / 41.1	1116 / 1044						
	37	Ground Clearance	Loaded at the lowest point in mm	4.3	110.5	4.3	110.5	4.3	110.5						
	38		Loaded at center of wheelbase in mm	5.1	130	5.1	130	5.1	130						
	39	Brakes	Service	Foot / Hydraulic / Oil Cooled Disc											
	40		Parking	Electro-mechanical											
Powertrain	41	Battery	Voltage / Ampere v / ah	12 / 75											
	42	Engine	Manufacturer / Model	Kubota / WG 3800											
	43		No. of Cylinders / Displacement CC	4 / 3,769											
	44		Rated Power (SAE Gross) hp @ rpm kw @ rpm	92.5 / 2,500	69 / 2,500	92.5 / 2,500	69 / 2,500	92.5 / 2,500	69 / 2,500						
	45		Maximum Torque (SAE) ft-lbs. @ rpm N-m @ rpm	213.9 / 1,200	290 / 1,200	213.9 / 1,200	290 / 1,200	213.9 / 1,200	290 / 1,200						
	46	Transmission	Type	Powershift											
	47		Number of Speeds Fwd / Rev	1 / 1											
	48	Hydraulic Pressure	System Operating Pressure psi bar	2900	200	3190	220	3480	240						
	49		Attachment Operating Pressure psi bar	2030	140	2030	140	2030	140						
	50	Attachments	Oil Volume for Attachments gpm lpm	31.7	120	31.7	120	31.7	120						

All dimensions based on a TL 2-stage mast.

Optional masts, attachments, longer load centers, and higher lifting heights may result in derating of truck capacity. Contact local dealer.

C-G Series

Specifications

CGC35S-9

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Tilt		Tilt Angle	LB @24" LC	KG @24" LC
					With Load Backrest		With Load Backrest		FWD/BWD		
	in	mm	in	mm	in	mm	in	mm	deg	600	600
TL	118	3000	86	2185	168	4265	6	160	5/6	3620	8000
	130	3300	92	2335	180	4565	6	160	5/6	3620	8000
	191	4850	134	3410	241	6115	6	160	5/6	3350	7550
TF	118	3000	85	2165	167	4240	38	965	5/6	3620	8000
TT	157	4000	81	2045	207	5265	33	845	5/6	3625	8000
	167	4250	84	2135	218	5530	37	935	5/6	3625	8000
	185	4700	90	2285	235	5980	43	1085	5/6	3355	8000
	189	4800	91	2320	240	6085	44	1120	5/6	3285	8000
	203	5150	96	2435	253	6430	49	1235	5/6	3240	7900
	220	5600	102	2585	271	6880	55	1385	5/6	3015	7550
	238	6050	108	2735	289	7330	60	1535	5/6	2130	5350
	256	6500	114	2885	306	7780	66	1685	5/3	2200	5350
	276	7000	121	3070	326	8280	74	1870	5/3	1475	3700

GC35S-9 BCS

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Tilt		Tilt Angle	LB @24" LC	KG @24" LC
					With Load Backrest		With Load Backrest		FWD/BWD		
	in	mm	in	mm	in	mm	in	mm	deg	600	600
TL	118	3000	86	2185	168	4265	6	160	5/6	8000	3620
	130	3300	92	2335	180	4565	6	160	5/6	8000	3620
	191	4850	134	3410	241	6115	6	160	5/6	7200	3215
TF	118	3000	85	2165	167	4240	38	965	5/6	8000	3620
TT	157	4000	81	2045	207	5265	33	845	5/6	8000	3625
	167	4250	84	2135	218	5530	37	935	5/6	7900	3470
	185	4700	90	2285	235	5980	43	1085	5/6	7650	3355
	189	4800	91	2320	240	6085	44	1120	5/6	7600	3285
	203	5150	96	2435	253	6430	49	1235	5/6	7400	3240
	220	5600	102	2585	271	6880	55	1385	5/6	7150	3130
	238	6050	108	2735	289	7330	60	1535	5/6	5600	2245
	256	6500	114	2885	306	7780	66	1685	5/3	5600	2245
	276	7000	121	3070	326	8280	74	1870	5/3	3950	1590

CGC45S-9

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle	LB @24" LC	KG @24" LC
					With Load Backrest		With Load Backrest		FWD/BWD		
	in	mm	in	mm	in	mm	in	mm	deg	600	600
TL	118	3000	86	2185	174	4415	6	160	5/6	10000	4500
	130	3300	92	2335	186	4715	6	160	5/6	10000	4500
	144	3650	99	2510	199	5065	6	160	5/6	10000	4500
	157	4000	112	2835	213	5415	6	160	5/6	10000	4500
TF	118	3000	85	2165	173	4390	32	815	5/6	10000	4500
TT	157	4000	81	2045	213	5415	27	695	5/6	9850	4500
	167	4250	84	2135	224	5680	31	785	5/6	9700	4425
	185	4700	90	2285	241	6130	37	935	5/6	9400	4275
	203	5150	96	2435	259	6580	43	1085	5/6	9100	4150
	220	5600	102	2585	277	7030	49	1235	5/6	8800	4025
	256	6500	114	2885	312	7930	60	1535	5/6	6400	2875

Note: Specification values quoted in this spec sheet have been rounded. Performance may vary due to operating conditions. Products and specifications are subject to improvement and change without prior notice.

C-G Series

Specifications

CGC45S-9 BCS

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle	LB @24" LC	KG @24" LC
					With Load Backrest		With Load Backrest		FWD/BWD		
	in	mm	in	mm	in	mm	in	mm	deg	600	600
TL	118	3000	86	2185	174	4415	6	160	5/6	10000	4500
	130	3300	92	2335	186	4715	6	160	5/6	10000	4500
	144	3650	99	2510	199	5065	6	160	5/6	10000	4500
	157	4000	112	2835	213	5415	6	160	5/6	10000	4500
TF	118	3000	85	2165	173	4390	32	815	5/6	10000	4500
TT	157	4000	81	2045	213	5415	27	695	5/6	9850	4500
	167	4250	84	2135	224	5680	31	785	5/6	9700	4425
	185	4700	90	2285	241	6130	37	935	5/6	9400	4275
	203	5150	96	2435	259	6580	43	1085	5/6	9100	4150
	220	5600	102	2585	277	7030	49	1235	5/6	8800	4025
	256	6500	114	2885	312	7930	60	1535	5/6	6200	2800

CGC55C-9

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle	LB @24" LC	KG @24" LC
					With Load Backrest		With Load Backrest		FWD/BWD		
	in	mm	in	mm	in	mm	in	mm	deg	600	600
TL	108	2750	86	2185	164	4165	7	170	5/6	12100	5500
	120	3050	92	2335	176	4465	7	170	5/6	12100	5500
	134	3400	99	2510	190	4815	7	170	5/6	12100	5500
	148	3750	112	2835	203	5165	7	170	5/6	12100	5500
TF	130	3300	91	2305	184	4685	38	965	5/6	12100	5500
TT	153	3875	81	2045	208	5290	28	705	5/6	12100	5500
	162	4125	84	2135	219	5555	31	795	5/6	11850	5425
	180	4575	90	2285	236	6005	37	945	5/6	11500	5250
	198	5025	96	2435	254	6455	43	1095	5/6	11150	5100
	216	5475	102	2585	272	6905	49	1245	5/6	11150	5050
	233	5925	108	2735	290	7355	55	1395	5/6	10300	4650
	251	6375	114	2885	307	7805	61	1545	5/6	6800	3075

CGC55C-9 BCS

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle	LB @24" LC	KG @24" LC
					With Load Backrest		With Load Backrest		FWD/BWD		
	in	mm	in	mm	in	mm	in	mm	deg	600	600
TL	108	2750	86	2185	164	4165	7	170	5/6	12100	5500
	120	3050	92	2335	176	4465	7	170	5/6	12100	5500
	134	3400	99	2510	190	4815	7	170	5/6	12100	5500
	148	3750	112	2835	203	5165	7	170	5/6	12100	5500
TF	130	3300	91	2305	184	4685	38	965	5/6	12100	5500
TT	153	3875	81	2045	208	5290	28	705	5/6	12100	5500
	162	4125	84	2135	219	5555	31	795	5/6	11850	5425
	180	4575	90	2285	236	6005	37	945	5/6	11500	5250
	198	5025	96	2435	254	6455	43	1095	5/6	11150	5100
	216	5475	102	2585	272	6905	49	1245	5/6	11150	5050
	233	5925	108	2735	290	7355	55	1395	5/6	10500	4700
	251	6375	114	2885	307	7805	61	1545	5/6	6800	3075

Note: Specification values quoted in this spec sheet have been rounded. Performance may vary due to operating conditions. Products and specifications are subject to improvement and change without prior notice.

Standard Features

1. Kubota 3.8 liter 4 cylinder LPG engine compliant to current EPA and CARB Standards
2. 1 Speed Powershift transaxle with autoshift controller
3. One piece cast iron drive axle housing with reinforced mast mounts
4. Oil-cooled disc brakes
5. Dual serpentine core radiator – provides separate cooling for the engine and transmission
6. Switch-activated electronic parking brake
7. Heavy duty steer axle including large king pins with tapered roller bearings
8. Operator Design Features
 - Wide spacious floorboard with thick rubber floor mat
 - Suspension seat with hip restraint and high visibility seatbelt
 - Operator Safety System (OSS)
 - Rear grab bar with horn button
 - Fasten Seat Belt indicator
 - Low front cowl/dash optimizes site lines
 - Clear view OHG and mast
 - Low step height
 - Tilt steering column with small steering wheel and steer knob
9. Round View Mirror
 - Two front headlights - LED
 - Easy to read large LED display. Operator PIN code programmable and economy mode selectable
10. ISO3691 control valve. If operator gets off truck or turns truck off, the mast will not allow lowering
11. Electronic parking brake system

Optional Equipment

1. Heavy duty cooling package
2. Rear view camera (Key-on activated)
3. Back-up camera (Reverse lever activated)
4. Cup holder
5. Clip board
6. Operator fan
7. Fire extinguisher
8. LED light packages
9. Travel light package
10. Pre-cleaner
11. Low fuel warning light
12. Vented side panels (Standard on box car models)
13. Dual open (cotton) core radiator - provides separate cooling for the engine and transmission
14. Panoramic mirror
15. Single and double hydraulic quick disconnects
16. Weight scale (Not legal for trade)
17. Ground speed control
18. UL rated LP to LPS
19. Floor spot light (blue light)
20. InfoLink® ready

Heavy Duty Cooling Package

Heavy duty cooling package is an option for both the standard and box car models.

The heavy duty cooling package includes, dual open (cotton) core radiator, radiator screen, vented side panels, pre-cleaner, under chassis protection, larger fan and shroud, and ground (top) speed control.

Note: Dual Open Core Radiator provides separate cooling for the engine and transmission. This is also known as Dual Cotton Core Radiator. This design incorporates larger openings for debris to pass through more easily.

Warning Device Options

Audible or Visual Alerts

Safety considerations and dangers associated with audible travel alarms and lights include:

- Multiple alarms and/or lights may cause confusion.
- Workers ignore the alarms and/or lights after day-in and day-out exposure.
- Operators may transfer the responsibility for "looking out" to pedestrians.
- Annoys operators and pedestrians.

Other Options Available

Contact factory 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 truck, how it is equipped and the conditions of the operating area. Crown products and specifications are subject to change without notice.

**Crown Equipment Corporation**

New Bremen, Ohio 45869 USA

Tel 419-629-2311

Fax 419-629-3796

crown.com

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.

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 2020 Crown Equipment Corporation
SF19752 Rev. 12-20
Printed in U.S.A.