

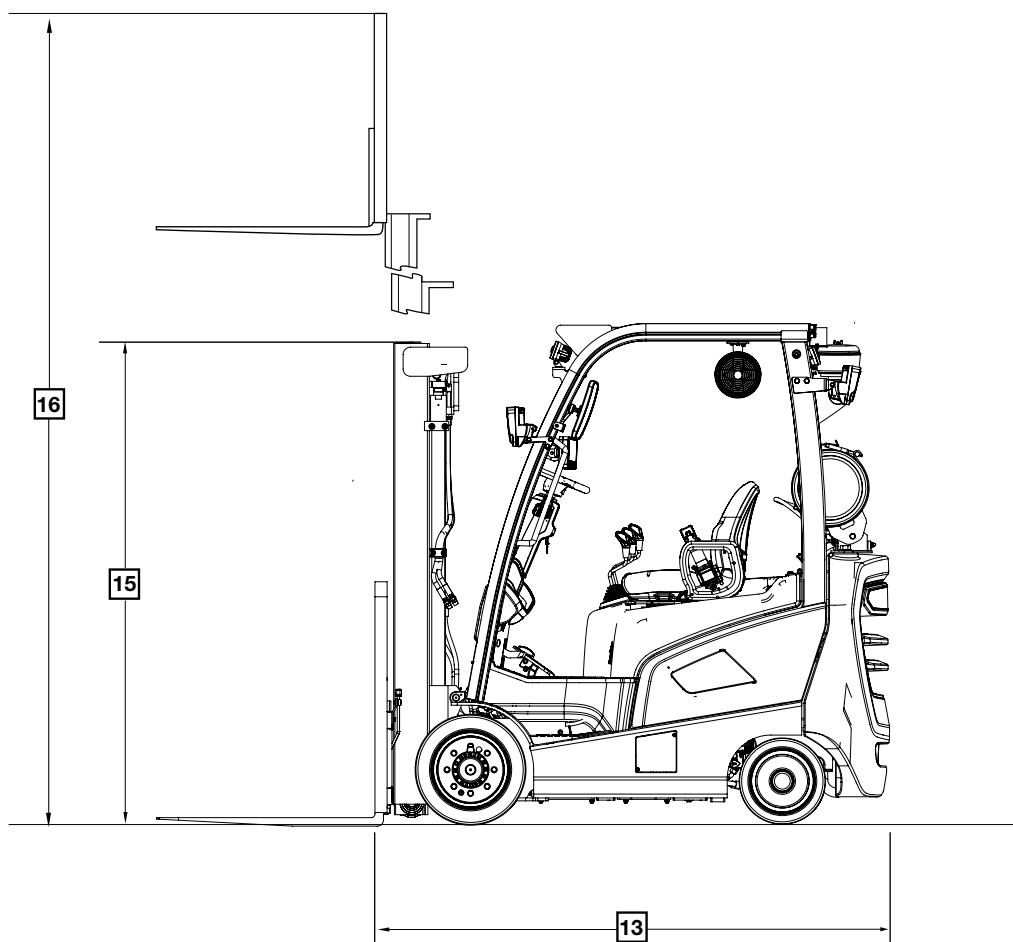
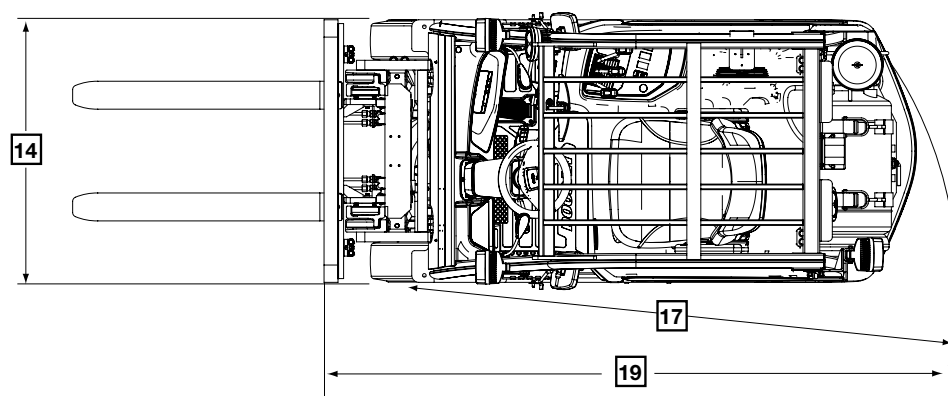
CROWN

C-G

3,000-4,000 lb Capacity
IC Cushion Tire

Specifications





C-G Series

Specifications

Characteristics	1	Model			CGC15S-9	CGC18S-9	CGC20SC-9
	2	Load Capacity	At Rated Load Center	lb (kg)	3,000 (1,340)	3,500 (1,560)	4,000 (1,785)
	3	Load Center	Fork Face to Load CG	in (mm)	24 (610)	24 (610)	24 (610)
	4	Power Type	Elec, Diesel, LPG, Gasoline		LPG	LPG	LPG
	5	Operator Type			Sit-down	Sit-down	Sit-down
	6	Tire Type	P:Pnu, E:Solid Soft, C:Cush		C	C	C
	7	Wheels (x = driven)	Front / Rear		x 2 / 2	x 2 / 2	x 2 / 2
	8	Steering Type			Hydrostatic	Hydrostatic	Hydrostatic
	9	Mast	Lifting Height (MFH)		See Mast Chart	See Mast Chart	See Mast Chart
Dimensions			Free Lift Height				
	10	Fork Carriage	ISO 2328, Class / Type A, B		II / A	II / A	II / A
	11	Forks	Length x Width x Thickness	in (mm)	41x4x1.4 (1,050x100x35)	41x4x1.4 (1,050x100x35)	41x4x1.4 (1,050x100x35)
			Optional Lengths	in (mm)	35, 39, 45, 47, 53 (889, 991, 1143, 1194, 1346)	35, 39, 45, 47, 53 (889, 991, 1143, 1194, 1346)	35, 39, 45, 47 (889, 991, 1143, 1194)
	12	Tilt of Mast	Forward / Backward	deg	6 / 8	6 / 8	6 / 8
	13	Headlength	Length to Fork Face	in (mm)	82.8 (2,102)	83.6 (2,123)	85.7 (2,178)
	14	Overall Width		in (mm)	37.0 (940)	37.0 (940)	37.0 (940)
	15	Mast Collapsed Ht.	Mast Lowered Height		See Mast Chart	See Mast Chart	See Mast Chart
	16	Mast Extended Ht.	With Load Backrest				
Performance	17	Turning Radius	Minimum Outside	in (mm)	71.9 (1,826)	73.5 (1,867)	74.4 (1,891)
	18	Load Distance	Center of Drive Axle to Fork Face	in (mm)	15.5 (394)	15.5 (394)	15.7 (399)
	19	Aisle Width	Right Angle Stack (L = 48" x W = 40")	in (mm)	127.6 (3,242)	129.3 (3,284)	130.5 (3,314)
	20	Travel Speed	Loaded / Unloaded	mph (km/h)	11.1 / 11.1 (17.8 / 17.8)	11.1 / 11.1 (17.8 / 17.8)	11.1 / 11.1 (17.8 / 17.8)
	21	Lifting Speed	Loaded / Unloaded	fpm (m/s)	126 / 130 (0.64 / 0.66)	124 / 130 (0.63 / 0.66)	122 / 130 (0.62 / 0.66)
	22	Lowering Speed	Loaded / Unloaded	fpm (m/s)	100.4 / 98.4 (0.51 / 0.50)	100.4 / 98.4 (0.51 / 0.50)	100.4 / 98.4 (0.51 / 0.50)
	23	Drawbar Pull @ 1 mph	Loaded / Unloaded	lb (kg)	3,196 (1,450)	3,196 (1,450)	3,196 (1,450)
	24	Drawbar Pull Max.	Loaded / Unloaded	lb (kg)	3,636 (1,649)	3,636 (1,649)	3,636 (1,649)
	25	Gradeability @ 1 mph	Loaded / Unloaded	%	38.5 / 69.4	33.0 / 60.1	31.0 / 56.1
Weight	26	Gradeability Max.	Loaded / Unloaded	%	46.8 / 90.1	39.8 / 76.0	36.5 / 70.3
	27	Vehicle Weight		lb (kg)	6,038 (2,739)	6,460 (2,930)	6,903 (3,131)
	28	Axle Load	Loaded, Front / Rear	lb (kg)	7,529 / 1,462 (3,415 / 663)	8,393 / 1,504 (3,807 / 682)	9,292 / 1,545 (4,215 / 701)
	29		Unloaded, Front / Rear	lb (kg)	2,266 / 3,770 (1,028 / 1,710)	2,266 / 4,191 (1,028 / 1,901)	2,266 / 4,634 (1,028 / 2,102)
	30	Tire Size - Front	OD x Width x Rim Dia.	in	18 x 6 x 12.12	18 x 6 x 12.12	18 x 6 x 12.12
	31	Tire Size - Rear	OD x Width x Rim Dia.	in	14 x 5 x 10	14 x 5 x 10	14 x 5 x 10
	32	Wheelbase	Distance	in (mm)	50.6 (1,285)	50.6 (1,285)	50.6 (1,285)
	34	Tread / Track Width	Front / Rear	in (mm)	31 / 32 (786 / 814)	31 / 32 (786 / 814)	31 / 32 (786 / 814)
	35	Ground Clearance	Loaded at the lowest point	in (mm)	3.0 (75)	3.0 (75)	3.0 (75)
Chassis	36		Loaded at center of wheelbase	in (mm)	4.1 (105)	4.1 (105)	4.1 (105)
	37	Brakes	Service		Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
	38		Parking		Electro-mechanical	Electro-mechanical	Electro-mechanical
	39	Battery	Voltage / Ampere	V/AH	12 / 45	12 / 45	12 / 45
	40	Engine	Manufacturer / Model		PSI / 4G63	PSI / 4G63	PSI / 4G63
	41		Rated Power (SAE Gross)	HP/rpm kW/rpm	50.6 / 2,450 37.7 / 2,450	50.6 / 2,450 37.7 / 2,450	50.6 / 2,450 37.7 / 2,450
	42		Maximum Torque (SAE)	lb_ft/rpm N-m/rpm	110 / 1,800 148.7 / 1,800	110 / 1,800 148.7 / 1,800	110 / 1,800 148.7 / 1,800
	43		Cylinders / Displacements	Liters	4 / 2.0L	4 / 2.0L	4 / 2.0L
	44	Transmission	Type		Powershift	Powershift	Powershift
Powertrain			Number of Speeds (Fwd / Rev)		1 / 1	1 / 1	1 / 1
	45	Hydraulic Pressure	System	psi (bar)	2,550 (176)	2,880 (198)	3,125 (215)
			Attachment	psi (bar)	2,040 (140)	2,040 (140)	2,040 (140)
	46	Attachments	Oil Volume	gpm (lpm)	6 (23)	6 (23)	6 (23)

C-G Series

Specifications

Forks Only with 14 x 5 x 10 Rear Tires

Truck Capacity at Height at 24 in (600 mm) Horizontal Load Center

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle		Rated Load Capacities					
					With Load Backrest		With Load Backrest		FWD	BWD	CGC15S-9		CGC18S-9		CGC20SC-9	
	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg
TL	118	3000	78	1980	159	4045	5	130	6	8	2976	1350	3472	1575	3968	1800
	130	3300	84	2130	171	4345	5	130	6	8	2976	1350	3472	1575	3968	1800
	146	3700	92	2330	187	4745	5	130	6	8	2976	1350	3472	1575	3968	1800
TF	118	3000	78	1980	159	4045	38.4	975	6	8	2976	1350	3472	1575	3968	1800
	130	3300	84	2130	171	4345	44.3	1125	6	8	2976	1350	3472	1575	3968	1800
TT	157	4000	73.2	1860	198.8	5050	34	855	6	5	2976	1350	3472	1575	3968	1800
	177	4500	79.7	2025	218.3	5545	40	1020	6	5	2965	1345	3450	1565	3505	1590
	187	4750	83.1	2110	228.1	5795	44	1105	6	5	2954	1340	3395	1540	3439	1560
	197	5000	87.6	2225	238	6045	48	1220	6	5	2888	1310	2987	1355	3086	1400
	216	5500	96.9	2460	257.9	6550	57	1455	6	5	1895	860	2094	950	2733	1240
	236	6000	103.3	2625	277.4	7045	64	1620	6	5	1256	570	1940	880	1884	855

Forks Only with 16 x 5 x 10 Rear Tires

Truck Capacity at Height at 24 in (600 mm) Horizontal Load Center

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle		Rated Load Capacities					
					With Load Backrest		With Load Backrest		FWD	BWD	CGC15S-9		CGC18S-9		CGC20SC-9	
	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg
TL	118	3000	78	1980	159	4045	5	130	6	8	2976	1350	3472	1575	3968	1800
	130	3300	84	2130	171	4345	5	130	6	8	2976	1350	3472	1575	3968	1800
	146	3700	92	2330	187	4745	5	130	6	8	2976	1350	3472	1575	3968	1800
TF	118	3000	78	1980	159	4045	38.4	975	6	8	2976	1350	3472	1575	3968	1800
	130	3300	84	2130	171	4345	44.3	1125	6	8	2976	1350	3472	1575	3968	1800
TT	157	4000	73.2	1860	198.8	5050	34	855	6	5	2976	1350	3472	1575	3769	1710
	177	4500	79.7	2025	218.3	5545	40	1020	6	5	2965	1345	3450	1565	3604	1635
	187	4750	83.1	2110	228.1	5795	44	1105	6	5	2954	1340	3395	1540	3494	1585
	197	5000	87.6	2225	238	6045	48	1220	6	5	2943	1335	2987	1355	3428	1555
	216	5500	96.9	2460	257.9	6550	57	1455	6	5	2292	1040	2480	1125	3218	1460
	236	6000	103.3	2625	277.4	7045	64	1620	6	5	1499	680	2325	1055	2226	1010

Hang-on Sideshifter with 14 x 5 x 10 Rear Tires

Truck Capacity at Height at 24 in (600 mm) Horizontal Load Center

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle		Rated Load Capacities					
					With Load Backrest		With Load Backrest		FWD	BWD	CGC15S-9		CGC18S-9		CGC20SC-9	
	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg
TL	118	3000	78	1980	159	4045	5	130	6	8	2766	1255	3240	1470	3714	1685
	130	3300	84	2130	171	4345	5	130	6	8	2766	1255	3240	1470	3714	1685
	146	3700	92	2330	187	4745	5	130	6	8	2766	1255	3240	1470	3714	1685
TF	118	3000	78	1980	159	4045	38.4	975	6	8	2766	1255	3240	1470	3714	1685
	130	3300	84	2130	171	4345	44.3	1125	6	8	2766	1255	3240	1470	3714	1685
TT	157	4000	73.2	1860	198.8	5050	34	855	6	5	2766	1255	3240	1470	3714	1685
	177	4500	79.7	2025	218.3	5545	40	1020	6	5	2755	1250	3218	1460	3262	1480
	187	4750	83.1	2110	228.1	5795	44	1105	6	5	2744	1245	3163	1435	3207	1455
	197	5000	87.6	2225	238	6045	48	1220	6	5	2689	1220	2777	1260	2877	1305
	216	5500	96.9	2460	257.9	6550	57	1455	6	5	1741	790	1929	875	2535	1150
	236	6000	103.3	2625	277.4	7045	64	1620	6	5	1135	515	1774	805	1730	785

C-G Series

Specifications

Hang-on Sideshifter with 16 x 5 x 10 Rear Tires

Truck Capacity at Height at 24 in (600 mm) Horizontal Load Center

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle		Rated Load Capacities					
					With Load Backrest		With Load Backrest		FWD	BWD	CGC15S-9		CGC18S-9		CGC20SC-9	
	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg
TL	118	3000	78	1980	159	4045	5	130	6	8	2766	1255	3240	1470	3714	1685
	130	3300	84	2130	171	4345	5	130	6	8	2766	1255	3240	1470	3714	1685
	146	3700	92	2330	187	4745	5	130	6	8	2766	1255	3240	1470	3714	1685
TF	118	3000	78	1980	159	4045	38.4	975	6	8	2766	1255	3240	1470	3714	1685
	130	3300	84	2130	171	4345	44.3	1125	6	8	2766	1255	3240	1470	3714	1685
TT	157	4000	73.2	1860	198.8	5050	34	855	6	5	2766	1255	3240	1470	3527	1600
	177	4500	79.7	2025	218.3	5545	40	1020	6	5	2755	1250	3218	1460	3362	1525
	187	4750	83.1	2110	228.1	5795	44	1105	6	5	2744	1245	3163	1435	3251	1475
	197	5000	87.6	2225	238	6045	48	1220	6	5	2733	1240	2777	1260	3196	1450
	216	5500	96.9	2460	257.9	6550	57	1455	6	5	2116	960	2303	1045	2998	1360
	236	6000	103.3	2625	277.4	7045	64	1620	6	5	1366	620	2149	975	2061	935

Integral Sideshifter with 14 x 5 x 10 Rear Tires

Truck Capacity at Height at 24 in (600 mm) Horizontal Load Center

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle		Rated Load Capacities					
					With Load Backrest		With Load Backrest		FWD	BWD	CGC15S-9		CGC18S-9		CGC20SC-9	
	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg
TL	118	3000	78	1980	159	4045	5	130	6	8	2843	1290	3317	1505	3802	1725
	130	3300	84	2130	171	4345	5	130	6	8	2843	1290	3317	1505	3802	1725
	146	3700	92	2330	187	4745	5	130	6	8	2843	1290	3317	1505	3802	1725
TF	118	3000	78	1980	159	4045	38.4	975	6	8	2843	1290	3317	1505	3802	1725
	130	3300	84	2130	171	4345	44.3	1125	6	8	2843	1290	3317	1505	3802	1725
TT	157	4000	73.2	1860	198.8	5050	34	855	6	5	2843	1290	3317	1505	3802	1725
	177	4500	79.7	2025	218.3	5545	40	1020	6	5	2821	1280	3295	1495	3351	1520
	187	4750	83.1	2110	228.1	5795	44	1105	6	5	2810	1275	3240	1470	3284	1490
	197	5000	87.6	2225	238	6045	48	1220	6	5	2755	1250	2854	1295	2943	1335
	216	5500	96.9	2460	257.9	6550	57	1455	6	5	1796	815	1984	900	2601	1180
	236	6000	103.3	2625	277.4	7045	64	1620	6	5	1179	535	1829	830	1785	810

Integral Sideshifter with 16 x 5 x 10 Rear Tires

Truck Capacity at Height at 24 in (600 mm) Horizontal Load Center

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Tilt Angle		Rated Load Capacities					
					With Load Backrest		With Load Backrest		FWD	BWD	CGC15S-9		CGC18S-9		CGC20SC-9	
	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg
TL	118	3000	78	1980	159	4045	5	130	6	8	2843	1290	3317	1505	3802	1725
	130	3300	84	2130	171	4345	5	130	6	8	2843	1290	3317	1505	3802	1725
	146	3700	92	2330	187	4745	5	130	6	8	2843	1290	3317	1505	3802	1725
TF	118	3000	78	1980	159	4045	38.4	975	6	8	2843	1290	3317	1505	3802	1725
	130	3300	84	2130	171	4345	44.3	1125	6	8	2843	1290	3317	1505	3802	1725
TT	157	4000	73.2	1860	198.8	5050	34	855	6	5	2843	1290	3317	1505	3604	1635
	177	4500	79.7	2025	218.3	5545	40	1020	6	5	2821	1280	3295	1495	3439	1560
	187	4750	83.1	2110	228.1	5795	44	1105	6	5	2810	1275	3240	1470	3340	1515
	197	5000	87.6	2225	238	6045	48	1220	6	5	2799	1270	2854	1295	3273	1485
	216	5500	96.9	2460	257.9	6550	57	1455	6	5	2171	985	2358	1070	3064	1390
	236	6000	103.3	2625	277.4	7045	64	1620	6	5	1410	640	2204	1000	2116	960

Standard Features

1. PSI 2.0 Liter 4 cylinder LPG engine compliant to current EPA standards
2. Cast Iron one piece drive axle housing housing with reinforced mast mounts
3. Oil Cooled Disc Brakes – Fully Enclosed - 5 year/10,000 hr warranty
4. Push button electronic parking brake
5. Heavy-duty steer axle including large kingpins with tapered roller bearings
6. Operator design features
 - Wide spacious floorboard with thick rubber floormat
 - Suspension seat with hip restraint and high visibility seat belt
 - Operator Sensing System (OSS)
 - Rear travel handle with horn
 - Low front cowl/dash optimizes site lines
 - Clear view overhead guard and mast design
 - Low step height
 - Tilt steering column with small steering wheel and steer knob
 - Large dual rear view mirrors
 - Two front headlights – halogen
 - Easy to read large LED display
 - Two USB ports

Optional Equipment

1. Heavy-duty cooling package
2. Cup holder
3. Clip board
4. Operator fan
5. Fire extinguisher
6. LED light packages
7. Travel light package
8. Pre-cleaner
9. Low fuel warning light
10. Vented side panels
11. Open core radiator
12. Panoramic mirror
13. Single and double hydraulic quick disconnects
14. Weight scale
15. Ground speed control
16. UL rated LP to LPS
17. Floor spot light (blue light)
18. InfoLink® Ready

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

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



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