

CROWN

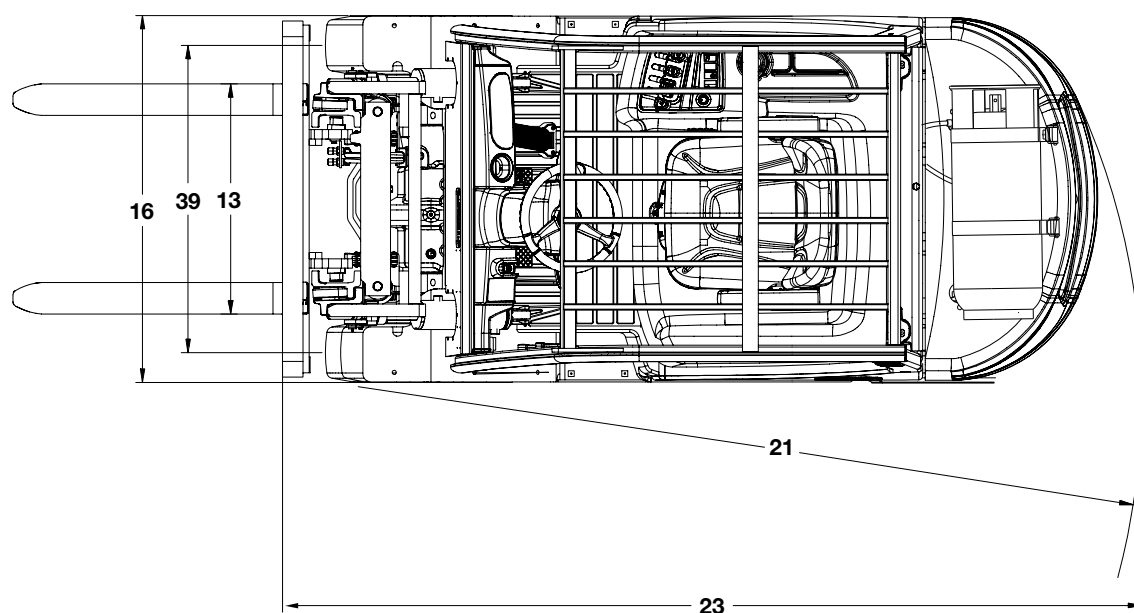
C-G

1500-2000 kg Capacity

LPG Pneumatic Tyre

Specifications





C-G Series

Specifications

Characteristics	2	Model		CG15S-5		CG18S-5		CG20SC-5			
	3	Load Capacity		at rated load center lb(kg)		3,000 (1500)		3,500 (1750)		4,000 (2000)	
	4	Load Center		in(mm)		24 (600)					
	5	Power Type		Electric, Diesel, LPG, Gasoline		LPG					
	6	Operator Type				Seated					
	7	Tyre Type		P:Phu, E:Solid Soft, C: Cush		P					
	8	Wheels (x=Driven)		Front / Rear		x2 / 2					
	Dimensions	9	Max. Fork Height		with STD 2-stage mast in(mm)		129.9 (3300)				
10		Free Lift		in(mm)		5.3 (135)				5.5 (140)	
12		Fork Carriage		ISO Class		II					
13		Forks		Length x Width x Thickness in(mm)		35.4 x 3.9 x 1.4 (900 x 100 x 35)				35.4 x 3.9 x 1.6 (900 x 100 x 40)	
				Fork Spacing(Min x Max) in(mm)		9.5 x 35.6 (240 x 905)					
14		Tilt of Mast		Forward / Backward deg		6 / 8					
15		Overall Dimensions		Length to Fork Face in(mm)		85.4 (2170)		87.2 (2215)		88.6 (2250)	
16				Overall Width Single in(mm)		42.1 (1070)					
				Dual in (mm)							
17				Mast Lowered Height in(mm)		86 (2185)					
18				Mast Extended Height in(mm)		171.5 (4355)				171.7 (4360)	
19				Overhead Guard Height in(mm)		85.4 (2170)					
20				Seat Height in(mm)		39.6 (1005)					
21		Turning Radius		Minimum outside in(mm)		77.8 (1977)		79.6 (2022)		80.7 (2050)	
22		Load Distance		in(mm)		15.5 (394)				15.7 (399)	
23	Right Angle Stack		in(mm)		92.9 (2360)		94.4 (2398)		95.4 (2422)		
Performance	24	Travel Speed		Loaded / Unloaded mph(km/h)		11.2 / 11.8 (18 / 19)					
	25	Lifting Speed		Loaded / Unloaded fpm(mm/s)		118.1 / 128.0 (600 / 650)					
	26	Lowering Speed		Loaded / Unloaded fpm(mm/s)		98.4 / 88.6 (500 / 450)					
	28	Max. Drawbar Pull		Loaded at 1.0 mph (1.6km / h) lb(kg)		3,174.7 (1440)		3,152.6 (1430)		3,130.6 (1420)	
	30	Max. Gradeability		Loaded at 1.0 mph (1.6km / h) %		35.5		31		28.5	
Weight	32	Total Service Weight, Unloaded		lb(kg)		6,172.9 (2800)		6,635.9 (3010)		6,988.6 (3170)	
	33	Axle Load		Loaded, Front / Rear lb(kg)		8,322.4 / 1157.4 (3,775 / 525)		9,127.2 / 1366.9 (4,140 / 620)		9,946.9 / 1433 (4,520 / 650)	
	Unloaded, Front / Rear lb(kg)			2,910.1 / 3273.9 (1,320 / 1485)		2,799.9 / 3836 (1,270 / 1740)		2,722.2 / 4265.9 (1,235 / 1935)			
Chassis	35	Tyre		Number of wheels (F / R)		2 / 2					
	36			Size, Front		6.50 x 10-12					
	37			Size, Rear		5.00 x 8-10					
	38	Wheel Base		Distance in(mm)		55.1 (1400)					
	39	Tread Width		Front / Rear in(mm)		35.0 / 35.8 (890 / 910)					
	40	Ground Clearance		Loaded at the lowest point in(mm)		4.7 (120)					
				Loaded at center of wheelbase in(mm)		5.9 (150)					
	42	Brakes		Service		Foot / Hyd					
	Parking			Hand / Mech							
Powertrain	45	Battery		Voltage / Ampere V / AH		12 / 45					
	49	Engine		Model		HMC 2.4L					
	50			Rated Power (DIN)		HP/rpm		45.5 / 2,450			
						kW/rpm		33.9 / 2,450			
	51			Maximum Torque		lb-ft/rpm		109.2 / 1600			
						kg-m/rpm		15.1 / 1600			
	52			Cylinders / Displacement in3(cc)		4 / 144 (2359)					
	55	Transmission		Type		Powershift					
				Number of Speeds (Fwd / Rev)		1 / 1					
57	Hydraulic Pressure		System psi(bar)		2,552 (176)		2,880 (199)		3,132 (216)		
			Attachment psi(bar)		2,552 (176)		2,880 (199)		3,132 (216)		

C-G Series

Specifications

Mast Chart CG15S-5

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height With Load Backrest		Free Lift With Load Backrest		Rated Load Capacities			
									Tilt Angle		Load Capacities	
									FWD	BWD	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
TL	3000	118	2035	80	4055	160	135	5	6	8	1500	3000
	3300	130	2185	86	4355	171	135	5	6	8	1500	3000
	3500	138	2285	90	4555	179	135	5	6	8	1500	3000
	3700	146	2385	94	4755	187	135	5	6	8	1500	3000
	4000	157	2585	102	5055	199	135	5	6	8	1500	3000
	4500	177	2835	112	5555	219	135	5	6	8	1500	3000
TF	2700	106	1885	74	3755	148	880	35	6	8	1500	3000
	3000	118	2035	80	4055	160	1030	41	6	8	1500	3000
	3300	130	2185	86	4355	171	1180	46	6	8	1500	3000
TT	4000	157	1915	75	5055	199	910	36	6	8	1500	3000
	4500	177	2080	82	5555	219	1075	42	6	8	1475	2950
	4750	187	2165	85	5805	229	1160	46	6	8	1425	2850
	5000	197	2280	90	6055	238	1275	50	6	5	1400	2800
	5500	217	2515	99	6555	258	1510	59	6	5	1275	2550
	6000	236	2680	106	7055	278	1675	66	6	5	975	1950

Mast Chart CG18S-5

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height With Load Backrest		Free Lift With Load Backrest		Rated Load Capacities			
									Tilt Angle		Load Capacities	
									FWD	BWD	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
TL	3000	118	2035	80	4055	160	135	5	6	8	1750	3500
	3300	130	2185	86	4355	171	135	5	6	8	1750	3500
	3500	138	2285	90	4555	179	135	5	6	8	1750	3500
	3700	146	2385	94	4755	187	135	5	6	8	1750	3500
	4000	157	2585	102	5055	199	135	5	6	8	1750	3500
	4500	177	2835	112	5555	219	135	5	6	8	1750	3500
TF	2700	106	1885	74	3755	148	880	35	6	8	1750	3500
	3000	118	2035	80	4055	160	1030	41	6	8	1750	3500
	3300	130	2185	86	4355	171	1180	46	6	8	1750	3500
TT	4000	157	1915	75	5055	199	910	36	6	8	1750	3500
	4500	177	2080	82	5555	219	1075	42	6	8	1750	3500
	4750	187	2165	85	5805	229	1160	46	6	8	1500	3000
	5000	197	2280	90	6055	238	1275	50	6	5	1575	3150
	5500	217	2515	99	6555	258	1510	59	6	5	1200	2400
	6000	236	2680	106	7055	278	1675	66	6	5	900	1800

Mast Chart CG20S-5

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height With Load Backrest		Free Lift With Load Backrest		Rated Load Capacities			
									Tilt Angle		Load Capacities	
									FWD	BWD	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
TL	3000	118	2035	80	4060	160	140	6	6	8	2000	4000
	3300	130	2185	86	4360	172	140	6	6	8	2000	4000
	3500	138	2285	90	4560	180	140	6	6	8	2000	4000
	3700	146	2385	94	4760	187	140	6	6	8	2000	4000
	4000	157	2585	102	5060	199	140	6	6	8	2000	4000
	4500	177	2835	112	5560	219	140	6	6	8	1675	3350
TF	2700	106	1885	74	3760	148	880	35	6	8	2000	4000
	3000	118	2035	80	4060	160	1030	41	6	8	2000	4000
	3300	130	2185	86	4360	172	1180	46	6	8	2000	4000
TT	4000	157	1915	75	5060	199	910	36	6	8	2000	4000
	4500	177	2080	82	5560	219	1075	42	6	8	1700	3400
	4750	187	2165	85	5810	229	1160	46	6	5	1750	3500
	5000	197	2280	90	6060	239	1275	50	6	5	1525	3050
	5500	217	2515	99	6560	258	1510	59	6	5	1150	2300
	6000	236	2680	106	7060	278	1675	66	6	5	850	1700

Standard Features

1. Hyundai 2.4L Engine
2. Power shift transmission
3. Oil-cooled disc brakes
4. Power steering
5. Tilting steer column
6. Anti-restart ignition switch
7. Dual-element air cleaner
8. 2,169 mm OHG
9. Class II fork carriage
10. Front - worklights (pair)
11. Vinyl suspension seat with hip restraint

Optional Equipment

1. Inversion Control
2. Tilt Position Assist
3. FODC (Mono-Pedal) with Neutral
Note: Must be ordered with Autoshift Controller
4. Pre-cleaner
5. Steer knob
6. Low fuel warning light
7. LP cradle (swing out)
8. LP cradle (swing out and down)
9. Vented side panels
10. Large rear view mirrors (pair)
11. Radiator screen
12. Ground speed control
13. 4th function lockout (clamp interlock)
14. Hydraulic accumulator (uncharged)
15. Seat belt interlock
16. Lights
 - Front - LED worklights
 - Combination lights - LED front - worklights & turn signals
 - Rear - stop, tail, backup, and turn signals
 - Rear worklight - LED
17. Audible warning devices
 - Back up alarm
18. Visual warning devices
 - Flashing light (amber or red)
 - Floor spot light (blue light)
 - Zone lighting (red)
19. Attachments
 - Hang-on sideshifter
 - Integral sideshifter
 - Integral sideshifting fork positioner
20. Partial cabin
 - Roof cover
 - Roof cover and front windshield

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

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