

CROWN

C-G

3,500-5,500 kg Capacity

IC Pneumatic Tyre

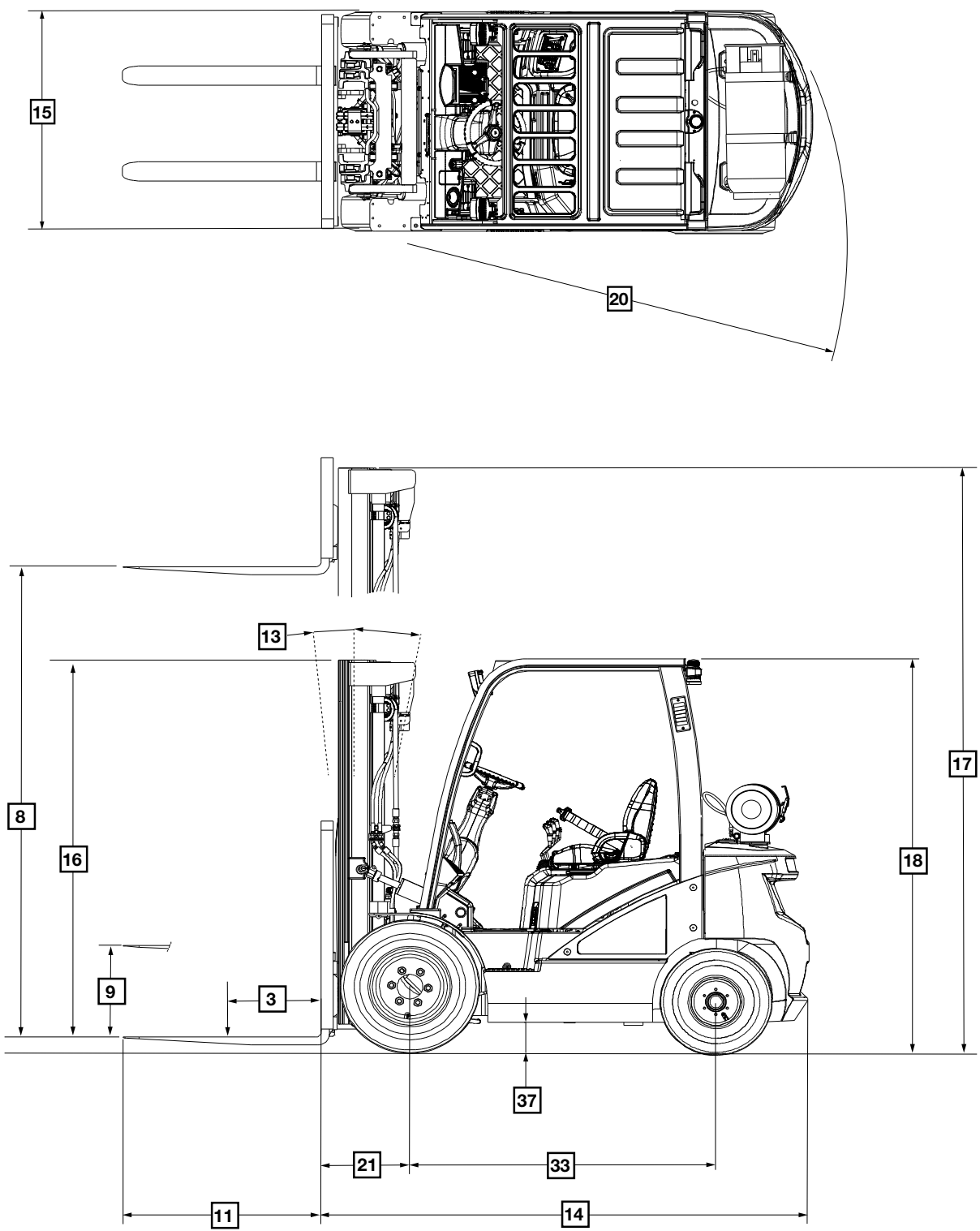
Specifications





C-G Series

IC Pneumatic Tyre



C-G Series

Specifications

Characteristics	1	Model		CG35S-7	CG40S-7	CG45S-7	CG50C-7	CG55C-7
	2	Load Capacity	At Rated Load Center lb (kg)	8,000 (3500)	9,000 (4000)	10,000 (4500)	11,000 (5000)	12,000 (5500)
	3	Load Center	in (mm)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)
	4	Power Type	Elec, Diesel, LPG, Gasoline	LPG	LPG	LPG	LPG	LPG
	5	Operator Type		Sit-down	Sit-down	Sit-down	Sit-down	Sit-down
	6	Tyre Type	P:Pneumatic	P	P	P	P	P
	7	Wheels (x = driven)	Front / Rear	x 2 / 2	x 2 / 2	x 2 / 2	x 2 / 2	x 2 / 2
Dimensions	8	Maximum Fork Ht.	with Std 2-Stage Mast in (mm)	118.1 (3000)	118.1 (3000)	118.1 (3000)	120.1 (3050)	120.1 (3050)
	9	Free Lift	in (mm)	6.3 (160)	6.3 (160)	6.3 (160)	6.7 (170)	6.7 (170)
	10	Fork Carriage	ISO Class	III	III	IV	IV	IV
	11	Forks	Length x Width x Thickness in (mm)	41.3x5.9x2.0 (1,050x150x50)	41.3x5.9x2.0 (1,050x150x50)	47.2x5.9x2.0 (1,200x150x50)	47.2x5.9x2.4 (1,200x150x60)	47.2x5.9x2.4 (1,200x150x60)
	12		Fork Carriage Width in (mm)	49.2 (1250)	49.2 (1250)	52.4 (1330)	52.4 (1330)	52.4 (1330)
	13	Tilt of Mast	Forward / Backward deg	8 / 10	8 / 10	8 / 10	8 / 10	8 / 10
	14	Overall Dimensions	Length to Fork Face in (mm)	123 (3115)	125 (3165)	129 (3280)	131 (3325)	132 (3350)
	15		Overall Width in (mm)	54.0 (1370)	57.1 (1455)	57.1 (1455)	57.1 (1455)	57.1 (1455)
	16		Mast Lowered Height in (mm)	87.6 (2225)	87.8 (2230)	87.8 (2230)	93.7 (2380)	93.7 (2380)
	17		Mast Extended Height in (mm)	167.9 (4265)	168.1 (4270)	174.0 (4420)	176.0 (4470)	176.0 (4470)
	18		Overhead Guard Height in (mm)	87.6 (2225)	87.8 (2230)	87.8 (2230)	87.8 (2230)	87.8 (2230)
	19		Seat Height in (mm)	49.1 (1248)	49.4 (1255)	49.4 (1255)	49.4 (1255)	49.4 (1255)
	20	Turning Radius	Minimum Outside in (mm)	111 (2782)	112 (2832)	113 (2877)	115 (2925)	117 (2975)
	21	Load Moment Constant	in (mm)	22.1 (561)	22.1 (561)	22.1 (561)	22.5 (571)	22.5 (571)
Performance	22	Travel Speed	Loaded / Unloaded mph (km/h)	12.4 / 13.0 (20 / 21)	12.1 / 12.7 (19.5 / 20.5)	12.1 / 12.7 (19.5 / 20.5)	12.1 / 12.7 (19.5 / 20.5)	12.1 / 12.7 (19.5 / 20.5)
	23	Lifting Speed	Loaded / Unloaded fpm (mm/s)	98.4 / 106.3 (500 / 540)	98.4 / 106.3 (500 / 540)	98.4 / 106.3 (500 / 540)	96.6 / 106 (490 / 540)	92.5 / 106.3 (470 / 540)
	24	Lowering Speed	Loaded / Unloaded fpm (mm/s)	94.5 / 88.6 (480 / 450)	94.5 / 88.6 (480 / 450)	94.5 / 88.6 (480 / 450)	96.5 / 88.6 (490 / 450)	96.5 / 88.6 (490 / 450)
	25	Max Drawbar Pull	Loaded at 1.0 mph (1.6 km/h) lb (kg)	7,810 (3543)	7,670 (3479)	7,715 (3499)	7,656 (3472)	7,612 (3453)
	26	Max Gradeability	Loaded at 1.0 mph (1.6 km/h) %	41.3	36.4	33.3	30.1	27.8
Weight	27	Total Weight	Unloaded lb (kg)	12,765 (5790)	13,625 (6180)	14,440 (6550)	15,543 (7050)	16,292 (7390)
	28	Axle Load	Loaded, Front / Rear lb (kg)	18,111 / 2,370 (8215 / 1075)	19,798 / 2,646 (8980 / 1200)	21,605 / 2,756 (9800 / 1250)	23,545 / 3,020 (10680 / 1370)	25,067 / 3,351 (11370 / 1520)
	29		Unloaded, Front / Rear lb (kg)	5,919 / 6,845 (2685 / 3105)	5,864 / 7,760 (2660 / 3520)	6,195 / 8,245 (2810 / 3740)	6,371 / 9,171 (2890 / 4160)	6,173 / 10,119 (2800 / 4590)
Chassis	30	Tyres	Size, Front Single	8.25x15-14	11.8x15-18	11.8x15-18	11.8x15-18	11.8x15-18
	31		Dual (Option)	7.50x16-12	7.50x16-12	7.50x16-12	7.50x16-12	7.50x16-12
	32		Size, Rear	7.00x12-12	7.00x12-12	7.00x12-12	7.00x12-14	7.00x12-14
	33	Wheelbase	Distance in (mm)	78.7 (2000)	78.7 (2000)	82.7 (2100)	82.7 (2100)	82.7 (2100)
	34	Tread Width	Front in (mm)	44.8 / 50.8 (1138 / 1290)	45.4 / 50.8 (1153 / 1290)	45.4 / 50.8 (1153 / 1290)	45.4 / 50.8 (1153 / 1290)	45.4 / 50.8 (1153 / 1290)
	35		Rear in (mm)	43.9 (1115)	43.9 (1115)	43.9 (1115)	43.9 (1115)	43.9 (1115)
	36	Ground Clearance	Loaded at the lowest point in (mm)	5.9 (150)	6.5 (160)	6.5 (160)	6.5 (160)	6.5 (160)
	37		Loaded at center of wheelbase in (mm)	8 (205)	8 (205)	8 (205)	8 (205)	8 (205)
	38	Brakes	Service	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
	39		Parking	Ratchet	Ratchet	Ratchet	Ratchet	Ratchet
Power Train	40	Battery	Voltage / Ampere V/AH	12 / 75	12 / 75	12 / 75	12 / 75	12 / 75
	41	Engine	Manufacturer / Model	Kubota/WG 3800	Kubota/WG 3800	Kubota/WG 3800	Kubota/WG 3800	Kubota/WG 3800
	42		Rated Power (DIN) HP/rpm	92.5 / 2,500	92.5 / 2,500	92.5 / 2,500	92.5 / 2,500	92.5 / 2,500
			kW/rpm	69 / 2,500	69 / 2,500	69 / 2,500	69 / 2,500	69 / 2,500
	43		Maximum Torque ft-lb/rpm	213.9 / 1,200	213.9 / 1,200	213.9 / 1,200	213.9 / 1,200	213.9 / 1,200
			n_m/rpm	290 / 1,200	290 / 1,200	290 / 1,200	290 / 1,200	290 / 1,200
	44	Transmission	Cylinders / Displacements CC	4 / 3,769	4 / 3,769	4 / 3,769	4 / 3,769	4 / 3,769
	45		Type	Powershift	Powershift	Powershift	Powershift	Powershift
			Number of Speeds (Fwd / Rev)	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
	46	Attachments	Oil Volume gpm (l/min)	21.1 (80)	21.1 (80)	21.1 (80)	21.1 (80)	21.1 (80)
			Operating Pressure psi (bar)	2,030 (140)	2,030 (140)	2,030 (140)	2,030 (140)	2,030 (140)

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

Mast Chart CG35S-7

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									CG35S-7									
									Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
					With Load Backrest		With Load Backrest		FWD	BWD	FWD	BWD	LC24in	LC500mm	LC600mm	LC24in	LC500mm	LC600mm
	in	mm	in	mm	in	mm	in	mm	deg	deg	deg	deg	lb	kg	kg	lb	kg	kg
TL	118	3000	88	2225	168	4265	6	160	8	10	8	10	8,000	4000	3655	8,000	4000	3655
	130	3300	94	2375	180	4565	6	160	8	10	8	10	8,000	4000	3655	8,000	4000	3655
	144	3650	100	2550	194	4915	6	160	8	10	8	10	8,000	4000	3655	8,000	4000	3655
	157	4000	113	2875	207	5265	6	160	8	10	8	10	8,000	4000	3655	8,000	4000	3655
	167	4250	118	3000	217	5515	6	160	8	10	8	10	8,000	4000	3655	8,000	4000	3655
	191	4850	136	3450	241	6115	6	160	8	8	8	10	7,700	3850	3520	7,750	3875	3545
TF	118	3000	87	2205	167	4250	40	1005	8	10	8	10	8,000	4000	3660	8000,	4000	3660
TT	157	4000	82	2090	207	5265	35	890	8	8	8	8	7,950	3975	3645	8,000	4000	3670
	167	4250	86	2175	218	5530	38	975	8	8	8	8	7,800	3900	3575	7,900	3950	3625
	185	4700	92	2325	235	5980	44	1125	8	8	8	8	7,550	3775	3465	7,600	3800	3485
	203	5150	97	2475	253	6430	50	1275	8	5	8	8	7,300	3650	3350	7,350	3675	3370
	220	5600	103	2625	271	6880	56	1425	8	3	8	8	7,050	3525	3235	7,100	3550	3255
	238	6050	109	2775	289	7330	62	1575	8	3	8	5	6,150	3075	2820	6,900	3450	3165

Mast Chart CG40S-7

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									CG40S-7									
									Tilt Angle				Load Capacities					
					With Load Backrest		With Load Backrest		Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
	in	mm	in	mm	in	mm	in	mm	FWD	BWD	FWD	BWD	LC24in	LC500mm	LC600mm	LC24in	LC500mm	LC600mm
	in	mm	in	mm	in	mm	in	mm	deg	deg	deg	deg	lb	kg	kg	lb	kg	kg
TL	118	3000	88	2230	168	4270	6	160	8	10	8	10	9,000	4500	4115	9,000	4500	4115
	130	3300	94	2380	180	4570	6	160	8	10	8	10	9,000	4500	4115	9,000	4500	4115
	144	3650	101	2555	194	4920	6	160	8	10	8	10	9,000	4500	4115	9,000	4500	4115
	157	4000	113	2880	207	5270	6	160	8	10	8	10	9,000	4500	4115	9,000	4500	4115
	167	4250	118	3005	217	5520	6	160	8	10	8	10	9,000	4500	4115	9,000	4500	4115
	191	4850	136	3455	241	6120	6	160	8	8	8	10	8,800	4400	4025	8,850	4425	4045
TF	118	3000	87	2210	168	4255	40	1010	8	10	8	10	9,000	4500	4115	9,000	4500	4115
TT	157	4000	82	2090	207	5270	35	890	8	8	8	8	9,000	4500	4125	9,000	4500	4125
	167	4250	86	2180	218	5535	39	980	8	8	8	8	8,950	4475	4105	9,000	4500	4125
	185	4700	92	2330	236	5985	44	1130	8	8	8	8	8,650	4325	3965	8,700	4350	3990
	203	5150	97	2480	253	6435	50	1280	8	5	8	5	8,350	4175	3830	8,450	4225	3875
	220	5600	104	2630	271	6885	56	1430	8	3	8	3	8,100	4050	3715	8,150	4075	3740
	238	6050	109	2780	289	7335	62	1580	8	3	8	3	7,600	3800	3485	7,900	3950	3625

Mast Chart CG45S-7

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									CG45S-7									
									Tilt Angle				Load Capacities					
					With Load Backrest		With Load Backrest		Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
	in	mm	in	mm	in	mm	in	mm	FWD	BWD	FWD	BWD	LC24in	LC500mm	LC600mm	LC24in	LC500mm	LC600mm
	in	mm	in	mm	in	mm	in	mm	deg	deg	deg	deg	lb	kg	kg	lb	kg	kg
TL	118	3000	88	2230	174	4420	6	160	8	10	8	10	10,000	5000	4570	10,000	5000	4570
	130	3300	94	2380	186	4720	6	160	8	10	8	10	10,000	5000	4570	10,000	5000	4570
	144	3650	101	2555	200	5070	6	160	8	10	8	10	10,000	5000	4570	10,000	5000	4570
	157	4000	113	2880	213	5420	6	160	8	10	8	10	10,000	5000	4570	10,000	5000	4570
	167	4250	118	3005	223	5670	6	160	8	10	8	10	10,000	5000	4570	10,000	5000	4570
	191	4850	136	3455	247	6270	6	160	8	5	8	10	9,800	4900	4480	9,400	4700	4295
TF	118	3000	87	2210	173	4400	34	860	8	10	8	10	10,000	5000	4575	10,000	5000	4575
TT	157	4000	82	2090	213	5415	29	740	8	8	8	8	10,000	5000	4585	10,000	5000	4585
	167	4250	86	2180	224	5680	33	830	8	8	8	8	9,950	4975	4565	10,000	5000	4585
	185	4700	92	2330	241	6130	39	980	8	8	8	8	9,600	4800	4400	9,700	4850	4450
	203	5150	97	2480	259	6580	44	1130	8	3	8	8	9,300	4650	4265	9,400	4700	4310
	220	5600	104	2630	277	7030	50	1280	8	3	8	5	9,000	4500	4125	9,100	4550	4175
	238	6050	109	2780	294	7480	56	1430	8	3	8	3	7,150	3575	3280	8,050	4025	3690

C-G Series

Specifications

Mast Chart CG50C-7

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									CG50C-7									
									Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
	in	mm	in	mm	in	mm	in	mm	FWD	BWD	FWD	BWD	LC24in	LC500mm	LC600mm	LC24in	LC500mm	LC600mm
TL	108	2750	88	2230	164	4170	7	170	8	10	8	10	11,000	5500	5030	11,000	5500	5030
	120	3050	94	2380	176	4470	7	170	8	10	8	10	11,000	5500	5030	11,000	5500	5030
	134	3400	101	2555	190	4820	7	170	8	10	8	10	11,000	5500	5030	11,000	5500	5030
	148	3750	113	2880	204	5170	7	170	8	10	8	10	11,000	5500	5030	11,000	5500	5030
	157	4000	118	3005	213	5420	7	170	8	10	8	10	11,000	5500	5030	11,000	5500	5030
	181	4600	136	3455	237	6020	7	170	8	8	8	10	11,000	5500	5030	10,300	5125	4690
TF	113	2875	87	2210	168	4275	34	870	8	10	8	10	11,000	5500	5035	11,000	5500	5035
TT	153	3875	82	2090	208	5290	30	750	8	8	8	8	11,000	5500	5050	11,000	5500	5050
	162	4125	86	2180	219	5555	33	840	8	8	8	8	11,000	5500	5050	11,000	5500	5050
	180	4575	92	2330	236	6005	39	990	8	8	8	8	10,850	5375	4935	10,950	5425	4980
	198	5025	98	2480	254	6455	45	1140	8	5	8	8	10,500	5200	4775	10,400	5150	4725
	216	5475	104	2630	272	6905	51	1290	8	3	8	5	9,400	4650	4270	9,600	4750	4360
	233	5925	109	2780	290	7355	57	1440	8	3	8	5	7,300	3625	3330	7,100	3525	3235

Mast Chart CG55C-7

Mast Type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									CG55C-7									
									Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
	in	mm	in	mm	in	mm	in	mm	FWD	BWD	FWD	BWD	LC24in	LC600mm		LC24in	LC600mm	
TL	108	2750	88	2230	164	4170	7	170	8	10	8	10	12,100	5500		12,100	5500	
	120	3050	94	2380	176	4470	7	170	8	10	8	10	12,100	5500		12,100	5500	
	134	3400	101	2555	190	4820	7	170	8	10	8	10	12,100	5500		12,100	5500	
	148	3750	113	2880	204	5170	7	170	8	10	8	10	12,100	5500		12,100	5500	
	157	4000	118	3005	213	5420	7	170	8	10	8	10	12,100	5500		12,100	5500	
	181	4600	136	3455	237	6020	7	170	8	8	8	10	11,850	5400		10,750	4900	
TF	113	2875	87	2210	168	4275	34	870	8	10	8	10	12,100	5500		12,100	5500	
TT	153	3875	82	2090	208	5290	30	750	8	8	8	8	12,100	5500		12,100	5500	
	162	4125	86	2180	219	5555	33	840	8	8	8	8	12,100	5500		12,100	5500	
	180	4575	92	2330	236	6005	39	990	8	8	8	8	12,100	5500		12,100	5500	
	198	5025	98	2480	254	6455	45	1140	8	5	8	8	11,350	5150		10,850	4925	
	216	5475	104	2630	272	6905	51	1290	8	3	8	5	9,900	4500		10,850	4575	
	233	5925	109	2780	290	7355	57	1440	8	3	8	5	7,700	3500		7,400	3375	

Standard Features

1. Kubota 3.8 Liter 4-cylinder LPG engine compliant to current EPA and CARB standards.
2. 2 Speed powershift transmission with Autoshift feature
3. Cast iron one piece axle housing
4. Oil-cooled disc brakes – fully enclosed
5. Rugged steer axle with large king pins and tapered roller bearings
6. Lift and tilt locking hydraulic valve
7. Carriage side thrust rollers
8. Dual element air cleaner with high air intake
9. Operator design features
 - Wide spacious floorboard
 - Tilt steering column
 - Suspension seat (vinyl or cloth) with high visibility seat belt
 - OSS Operator Sensing System
 - Park brake alarm and seat belt indicator
 - Rear travel handle with horn
 - Low front cowl/dash optimizes site lines
 - Clear view overhead guard and mast design
 - Large dual mirrors
 - Front LED work lights
 - Easy to read gauges monitor engine oil pressure, engine coolant, transmission temp, brake oil level and mast interlock
 - Spinner knob

Optional Equipment

1. Tilt position assist
2. Adjustable top speed control
3. Hydraulic lift circuit accumulators
4. Pre-cleaner air intake
5. Dual operator fans
6. Panoramic mirror
7. Fuel sensor light/alarm
8. 12 Volt auxillary supply
9. Fire extinguisher
10. Combo lights with turn signals
11. Overhead guard covers
12. Enclosed cab
13. Solid pneumatic (super-elastic) tyres
14. Various light packages
15. Static strap
16. InfoLink™ Ready
17. Quick disconnect attachment couplings

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


crown.com

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

Notice: Not all products and product features are available in all countries in which this literature is published.

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 2018-2021 Crown Equipment Corporation
SF19850-006 Rev. 04-21