

CROWN

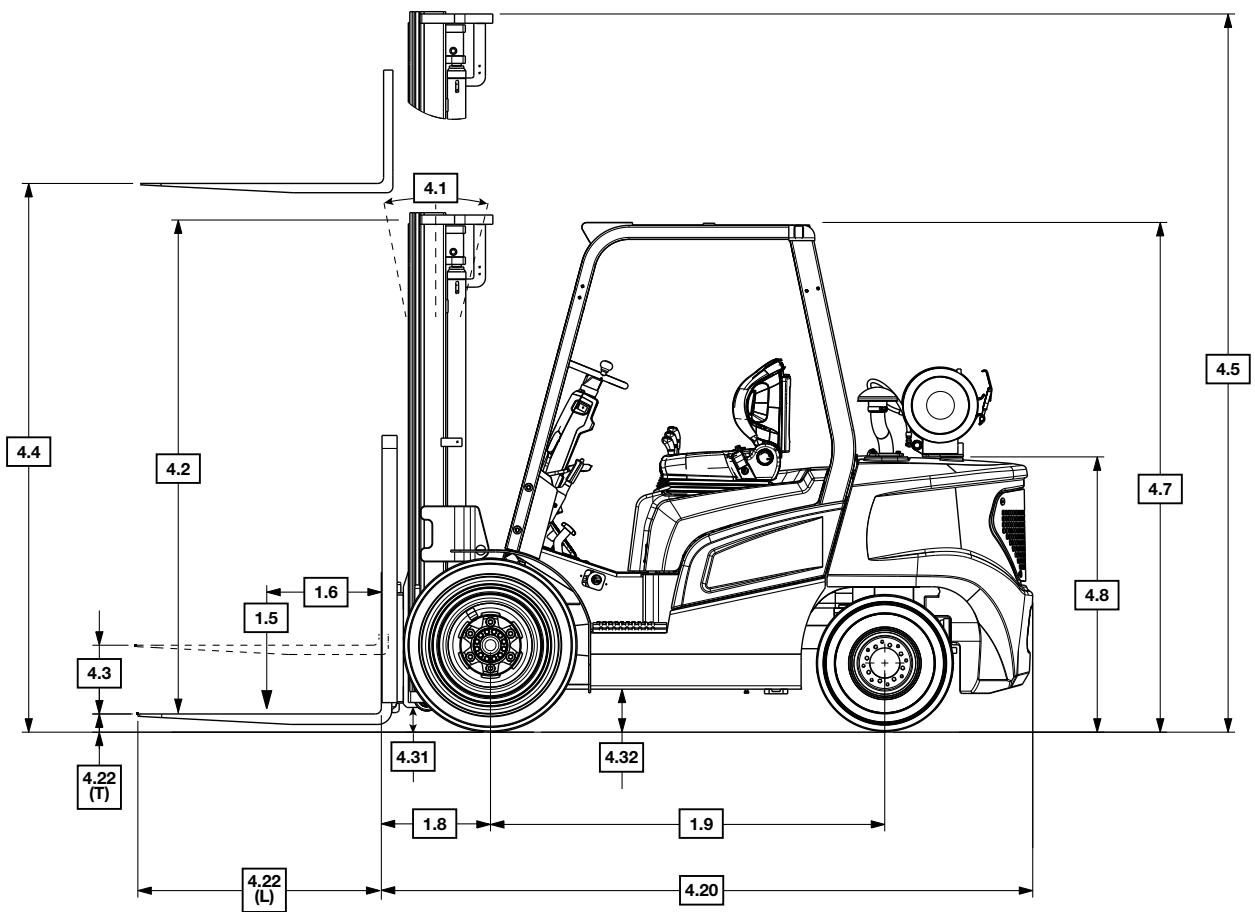
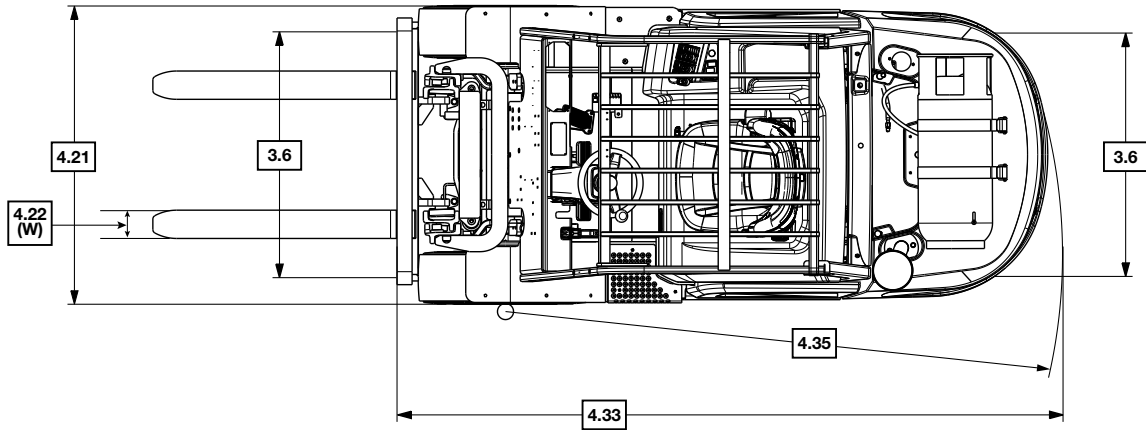
C-G^x

2000-3500 kg Capacity

IC Pneumatic Tire

Specifications





			CG20NXP	CG25NXP	CG30NXP		
Characteristics	1.2	Model					
	1.3	Power	Electric, Gas, LPG, Diesel	LPG			
	1.4	Operator Type		Sit-down Rider Counterbalance			
	1.5	Load Capacity	kg	2000	2500	3000	
	1.6	Load Center	Fork Face to Load CG	mm		500	
	1.8	Load Distance	Center of Wheel to Fork Face	mm		462	
	1.9	Wheelbase		mm		1700	
Weight	2.1	Truck Weight	Less Battery	kg	3450	3755	4350
	2.2	Axle Load, Loaded	Front / Rear	kg	4600 / 850	5395 / 860	6450 / 900
	2.3	Axle Load, Empty	Front / Rear	kg	1520 / 1930	1760 / 1995	1750 / 2600
Tires	3.1	Tire Type	Pneumatic, Super elastic, Cushion	Pneumatic			
	3.2	Tire Size, Front	OD x Width x Rim Dia.	28x9-15-14PR			
	3.3	Tire Size, Rear	OD x Width x Rim Dia.	6.50-10-10PR			
	3.5	Wheels (x = driven)	Number Front / Rear	2x / 2			
	3.6	Track Width	Front / Rear	mm		1060 / 980	
Basic Dimensions	4.1	Mast Tilt	Forward / Backward	deg		See mast chart	
	4.2	Mast Collapsed Height		mm			
	4.3	Mast Free Lift Height		mm			
	4.4	Mast Max. Lift Height		mm			
	4.5	Mast Extended Lift Height		mm			
	4.7	Overhead Guard Height		mm			2160
	4.8	Seat Height		mm		1185	
	4.20	Headlength	Length to Fork Face	mm	2560	2610	2665
	4.21	Overall Width		mm		1290	
	4.22	Forks	L x W x T	mm		45x100x1050	45x122x1050
	4.23	Fork Carriage	ISO 2328	class	II	III	
	4.24	Fork Carriage Width		mm		1042	
	4.31	Ground Clearance	Loaded, Lowest Point	mm		132	
	4.32	Ground Clearance	Loaded, Center of Wheelbase	mm		135	
	4.33	Working Aisle Width	pallets 1000 x 1200 Traverse	mm	3970	4020	4110
pallets 800 x 1200 Length			mm	4230	4270	4310	
4.35	Turning Radius		mm	2300	2350	2430	
Performance Data	5.1	Travel Speed	Empty	km/h	20		
			Loaded	km/h	18.7		
	5.2	Lift Speed	Empty	m/s	520		
			Loaded	m/s	490		
	5.3	Lower Speed	Empty	m/s	550		
			Loaded	m/s	510		
	5.6	Max. Drawbar Pull	Empty	N	18000	18700	18600
			Loaded	N	19500	19300	19100
	5.8	Max. Gradeability	Empty	%	62	55.3	47
			Loaded	%	37	31.5	26.5
6.1	Brakes	Service Brake	Hydraulic				
		Parking Brake	Hand / Mechanical				
Engine	7.1	Manufacturer / Model	Hyundai / HMC2.4L LP				
	7.2	Engine Power	DIN ISO1585	kW		45.4	
	7.3	Rated Speed		min-1		2600	
	7.3.1	Torque at 1/min		n_m/rpm		178.9 / 2000	
	7.4	Number of Cylinders / Displacement		-cc		4 / 4 / 2359	
	7.1	Battery	Voltage / Ampere hour	V/Ah		12 / 45	
Misc.	10.1	Operating Pressure		Bar		160	
	10.2	Oil Volume for Attachments		L/min		65	
	10.7	Sound level	At Drivers Ear per EN 12053	dB(A)		82	

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^x Series

Specifications

				CG33NXP	CG35NXP		
Characteristics	1.2	Model					
	1.3	Power	Electric, Gas, LPG, Diesel	LPG			
	1.4	Operator Type		Sit-down Rider Counterbalance			
	1.5	Load Capacity	kg	3300	3500		
	1.6	Load Center	Fork Face to Load CG	mm	500		
	1.8	Load Distance	Center of Wheel to Fork Face	mm	467		
	1.9	Wheelbase		mm	1700	1750	
	Weight	2.1	Truck Weight	Less Battery	kg	4450	4580
		2.2	Axle Load, Loaded	Front / Rear	kg	6800 / 950	7180 / 900
2.3		Axle Load, Empty	Front / Rear	kg	1700 / 2750	1665 / 2915	
Tires	3.1	Tire Type	Pneumatic, Super elastic, Cushion		Pneumatic		
	3.2	Tire Size, Front	OD x Width x Rim Dia.		28x9-15-14PR		
	3.3	Tire Size, Rear	OD x Width x Rim Dia.		6.50-10-10PR		
	3.5	Wheels (x = driven)	Number Front / Rear		2x / 2		
	3.6	Track Width, Front	Front / Rear	mm	1060 / 980		
	Basic Dimensions	4.1	Mast Tilt	Forward / Backward	deg	See mast chart	
4.2		Mast Collapsed Height		mm			
4.3		Mast Free Lift Height		mm			
4.4		Mast Max. Lift Height		mm			
4.5		Mast Extended Lift Height		mm			
4.7		Overhead Guard Height		mm	2160		
4.8		Seat Height		mm	1185		
4.20		Headlength	Length to Fork Face	mm	2730	2750	
4.21		Overall Width		mm	1290		
4.22		Forks	L x W x T	mm	50 x 122 x 1050		
4.23		Fork Carriage	ISO 2328	class	III		
4.24		Fork Carriage Width		mm	1042		
4.31		Ground Clearance	Loaded, Lowest Point	mm	132		
4.32		Ground Clearance	Loaded, Center of Wheelbase	mm	135		
4.33		Working Aisle Width	pallets 1000 x 1200 Traverse	mm	4155	4180	
	pallets 800 x 1200 Length		mm	4350	4400		
	4.35	Turning Radius		mm	2450	2500	
Performance Data	5.1	Travel Speed	Empty	km/h	20		
			Loaded	km/h	18.7		
	5.2	Lift Speed	Empty	m/s	410		
			Loaded	m/s	390		
	5.3	Lower Speed	Empty	m/s	450		
			Loaded	m/s	410		
	5.6	Max. Drawbar Pull	Empty	N	20916	21420	
			Loaded	N	21491	21986	
	5.8	Max. Gradeability	Empty	%	52.6	50.6	
			Loaded	%	28.5	27.2	
6.1	Brakes	Service Brake		Hydraulic			
		Parking Brake		Hand / Mechanical			
Engine	7.1	Manufacturer / Model		Hyundai / HMC2.4L LP			
	7.2	Engine Power	DIN ISO1585	kW	45.4		
	7.3	Rated Speed		min-1	2600		
	7.3.1	Torque at 1/min		n_m/rpm	178 / 2000		
	7.4	Number of Cylinders / Displacement		-/cc	4 / 4 / 2359		
7.1	Battery	Voltage / Ampere hour	V/Ah	12 / 45			
Misc.	10.1	Operating Pressure		Bar	160		
	10.2	Oil Volume for Attachments		L/min	65		
	10.7	Sound level	At Drivers Ear per EN 12053	dB(A)	82		

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 CG20NXP

Mast Type	Maximum Fork Height		Mast Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									Tilt Angle				Load Capacities			
	in		mm		in		mm		Single Pneu.		Double Pneu.		Single Pneu.		Double Pneu.	
									FWD	BWD	FWD	BWD	LC 24in	LC 500mm	LC 24in	LC 500mm
deg	deg	deg	deg	lb	kg	lb	kg									
STD	118	3000	81	2045	167	4247	6	150	6	10	6	10	4,000	2000	4,000	2000
	130	3300	86	2195	179	4547	6	150	6	10	6	10	4,000	2000	4,000	2000
	138	3500	90	2295	187	4747	6	150	6	10	6	10	4,000	2000	4,000	2000
	157	4000	102	2595	211	5347	6	150	6	6	6	6	4,000	2000	4,000	2000
	177	4500	112	2845	230	5847	6	150	6	6	6	6	4,000	2000	4,000	2000
	197	5000	122	3095	250	6347	6	150	6	6	6	6	4,000	2000	4,000	2000
FF	126	3210	85	2155	176	4474	37	950	6	10	6	10	4,000	2000	4,000	2000
FFT	168	4270	79	2005	219	5554	31	800	6	6	6	6	4,000	2000	4,000	2000
	185	4710	84	2145	235	5974	37	940	6	6	6	6	3,950	1950	4,000	2000
	218	5540	98	2495	268	6799	51	1290	6	6	6	6	3,650	1800	3,800	1870
	237	6010	104	2645	285	7249	57	1440	6	6	6	6	2,650	1300	3,650	1800

Note: Mast Specifications and Rated Capacities are based on a standard chassis with super-elastic tyre and without sideshifter.

Mast Chart CG25NXP

Mast Type	Maximum Fork Height		Mast Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									Tilt Angle				Load Capacities			
	in		mm		in		mm		Single Pneu.		Double Pneu.		Single Pneu.		Double Pneu.	
									FWD	BWD	FWD	BWD	LC 24in	LC 500mm	LC 24in	LC 500mm
deg	deg	deg	deg	lb	kg	lb	kg									
STD	118	3000	81	2045	167	4247	6	150	6	10	6	10	5,000	2500	5,000	2500
	130	3300	86	2195	179	4547	6	150	6	10	6	10	5,000	2500	5,000	2500
	138	3500	90	2295	187	4747	6	150	6	10	6	10	5,000	2500	5,000	2500
	157	4000	102	2595	211	5347	6	150	6	6	6	6	5,000	2500	5,000	2500
	177	4500	112	2845	230	5847	6	150	6	6	6	6	5,000	2500	5,000	2500
	197	5000	122	3095	250	6347	6	150	6	6	6	6	5,000	2500	5,000	2500
FF	126	3210	85	2155	176	4474	37	950	6	10	6	10	5,000	2500	5,000	2500
FFT	168	4270	79	2005	219	5554	31	800	6	6	6	6	4,850	2400	5,000	2450
	185	4710	84	2145	235	5974	37	940	6	6	6	6	4,625	2300	4,800	2350
	218	5540	98	2495	268	6799	51	1290	6	4	6	4	3,875	1900	4,325	2200
	237	6010	104	2645	285	7249	57	1440	6	4	6	4	2,875	1400	4,250	2100

Note: Mast Specifications and Rated Capacities are based on a standard chassis with super-elastic tyre and without sideshifter.

Mast Chart CG30NXP

Mast Type	Maximum Fork Height		Mast Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities							
									Tilt Angle				Load Capacities			
	in		mm		in		mm		Single Pneu.		Double Pneu.		Single Pneu.		Double Pneu.	
									FWD	BWD	FWD	BWD	LC 24in	LC 500mm	LC 24in	LC 500mm
deg	deg	deg	deg	lb	kg	lb	kg									
STD	118	3000	81	2045	167	4247	6	150	6	10	6	10	6,000	3000	6,000	3000
	130	3300	86	2195	179	4547	6	150	6	10	6	10	6,000	3000	6,000	3000
	138	3500	90	2295	187	4747	6	150	6	10	6	10	6,000	3000	6,000	3000
	157	4000	102	2595	211	5347	6	150	6	6	6	6	6,000	3000	6,000	3000
	177	4500	112	2845	230	5847	6	150	6	4	6	4	6,000	2950	6,000	3000
	197	5000	122	3095	250	6347	6	150	6	4	6	4	5,675	2800	5,725	2850
FF	126	3210	85	2155	176	4474	37	950	6	10	6	10	6,000	3000	6,000	3000
FFT	168	4270	79	2005	219	5554	31	800	6	6	6	6	5,720	2850	5,875	2900
	185	4710	84	2145	235	5974	37	940	6	4	6	4	5,420	2700	5,675	2800
	218	5540	98	2495	268	6799	51	1290	6	4	6	4	4,000	2000	5,300	2600
	237	6010	104	2645	285	7249	57	1440	6	4	6	4	3,075	1500	5,000	2450

Note: Mast Specifications and Rated Capacities are based on a standard chassis with super-elastic tyre and without sideshifter.

Mast Chart CG33NXP

Mast Type	Maximum Fork Height		Mast Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities								
					With Load Backrest		With Load Backrest		Tilt Angle				Load Capacities				
									Single Pneu.		Double Pneu.		Single Pneu.		Double Pneu.		
	in	mm	in	mm	in	mm	in	mm	FWD	BWD	FWD	BWD	LC 24in	LC 500mm	LC 24in	LC 500mm	
										deg	deg	deg	deg	lb	kg	lb	kg
STD	118	3000	81	2045	167	4252	6	150	6	10	6	10	6,600	3300	6,600	3300	
	130	3300	86	2195	179	4552	6	150	6	10	6	10	6,600	3300	6,600	3300	
	138	3500	90	2295	187	4752	6	150	6	10	6	10	6,600	3300	6,600	3300	
	157	4000	102	2595	211	5352	6	150	6	6	6	6	6,600	3300	6,600	3300	
	177	4500	112	2845	230	5852	6	150	6	4	6	4	6,375	3220	6,375	3220	
	197	5000	122	3095	250	6352	6	150	6	4	6	4	5,825	2900	6,125	3050	
FF	126	3210	85	2155	176	4479	37	950	6	10	6	10	6,600	3300	6,600	3300	
FFT	168	4270	79	2005	219	5559	31	800	6	6	6	6	6,125	3050	6,125	3050	
	185	4710	84	2145	235	5979	37	940	6	4	6	4	5,825	2900	5,950	2950	
	218	5540	98	2495	268	6804	51	1290	6	4	6	4	4,250	2100	5,575	2750	
	237	6010	104	2645	286	7254	57	1440	6	4	6	4	3,250	1600	5,325	2600	

Note: Mast Specifications and Rated Capacities are based on a standard chassis with super-elastic tyre and without sidershifter.

Mast Chart CG35NXP

Mast Type	Maximum Fork Height		Mast Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities								
					With Load Backrest		With Load Backrest		Tilt Angle				Load Capacities				
									Single Pneu.		Double Pneu.		Single Pneu.		Double Pneu.		
	in	mm	in	mm	in	mm	in	mm	FWD	BWD	FWD	BWD	LC 24in	LC 500mm	LC 24in	LC 500mm	
										deg	deg	deg	deg	lb	kg	lb	kg
STD	118	3000	81	2045	167	4252	6	150	6	10	6	10	7,000	3500	7,000	3500	
	130	3300	86	2195	179	4552	6	150	6	10	6	10	7,000	3500	7,000	3500	
	138	3500	90	2295	187	4752	6	150	6	10	6	10	7,000	3500	7,000	3500	
	157	4000	102	2595	211	5352	6	150	6	6	6	6	7,000	3500	7,000	3500	
	177	4500	112	2845	230	5852	6	150	6	4	6	4	6,850	3360	6,850	3350	
	197	5000	122	3095	250	6352	6	150	6	4	6	4	6,000	3000	6,500	3200	
FF	126	3210	85	2155	176	4479	37	950	6	10	6	10	7,000	3500	7,000	3500	
FFT	168	4270	79	2005	219	5559	31	800	6	6	6	6	6,475	3230	6,575	3280	
	185	4710	84	2145	235	5979	37	940	6	4	6	4	6,175	3100	6,325	3150	
	218	5540	98	2495	268	6804	51	1290	6	4	6	4	4,550	2250	5,825	2900	
	237	6010	104	2645	286	7254	57	1440	6	4	6	4	3,350	1700	5,575	2750	

Note: Mast Specifications and Rated Capacities are based on a standard chassis with super-elastic tyre and without sidershifter.

Standard Features

1. Hyundai, HMC 2.4 Litre, 4 cylinder LPG engine
2. Single Speed Powershift
3. Power Shoe Brakes
4. Heavy Duty Radiator
5. Dual Element Air Cleaner
6. Toolless Side Panel
7. LED Combination Lights
8. Anti Slip Step Plate
9. Panoramic Mirror
10. Adjustable Steer Column
11. Steering Knob
12. Operator Sensing System (OSS)

Optional Equipment

1. Dual Fuel (Gasoline/LPG)
2. Autoshift Controller
3. Air Pre Cleaner
4. Low Fuel Indicator
 - Warning Light
 - Buzzer
5. Ground Speed Control
6. Rear Grab Bar with Horn
7. Quick Disconnect Hose Couplings
8. Modular Cabin Styles
9. Full Cabin Options
 - Sound Suppression
 - Air Conditioning
 - Heat
 - Wiper and Washer
10. Fan
11. USB Charging Port
12. Cup Holder
13. Visual Warning Devices
 - Flashing light
 - Floor spot light (blue light)
14. Attachments
 - Hang-on sideshifter
 - Integral sideshifter
 - Integral sideshifting fork positioner
15. Audible Warning Devices
 - Travel alarm

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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