

**CROWN**

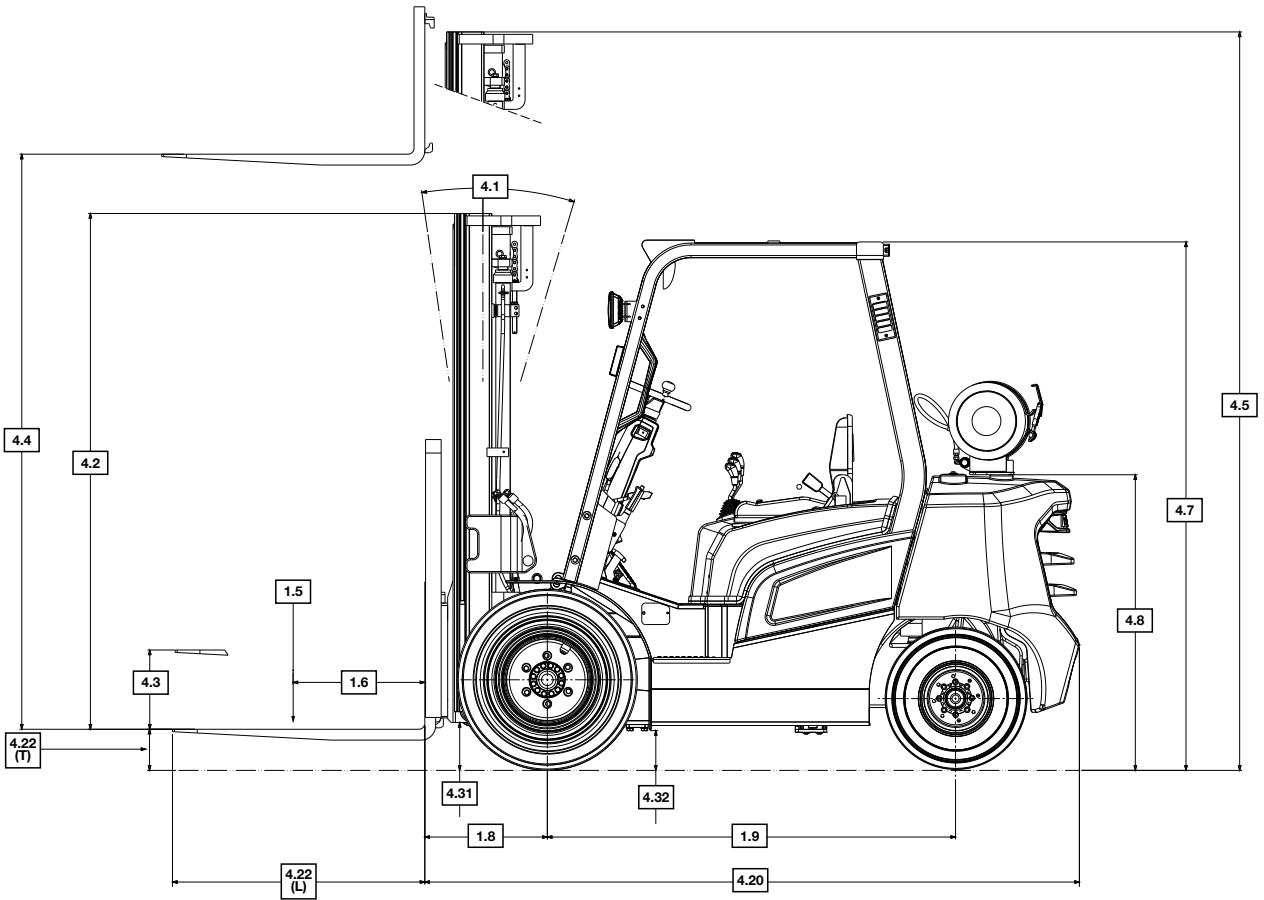
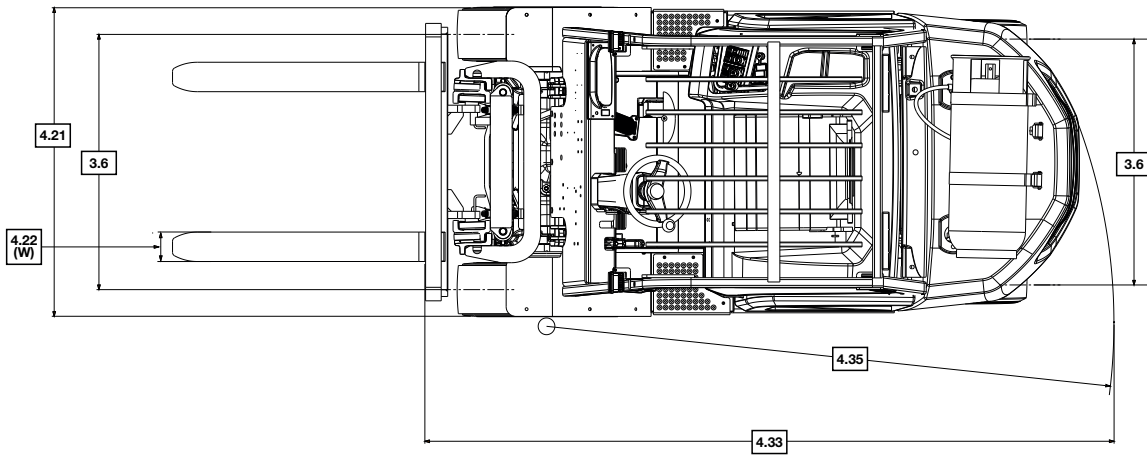
# C-G<sup>x</sup>

**2,000–3,500 kg Capacity**

IC Pneumatic Tyre

## Specifications





			<b>CG20NXP</b>	<b>CG25NXP</b>	<b>CG30NXP</b>		
<b>Characteristics</b>	1.2	<b>Model</b>					
	1.3	<b>Power</b>	Electric, Gas, LPG, Diesel				
	1.4	<b>Operator Type</b>	Sit-down Rider Counterbalance				
	1.5	<b>Load Capacity</b>	kg	2,000	2,500	3,000	
	1.6	<b>Load Centre</b>	Fork Face to Load CG	mm			
	1.8	<b>Load Distance</b>	Centre of Wheel to Fork Face	467		472	
	1.9	<b>Wheelbase</b>		mm			
<b>Weight</b>	2.1	<b>Truck Weight</b>	Less Battery	kg	3,650	3,930	4,400
	2.2	<b>Axle Load, Loaded</b>	Front / Rear	kg	4,930/720	5,560/870	6,480/920
	2.3	<b>Axle Load, Empty</b>	Front / Rear	kg	1,715/1,935	1,730/2,200	1,795/2,605
<b>Tyres</b>	3.1	<b>Tyre Type</b>	Pneumatic, Super elastic, Cushion				
	3.2	<b>Tyre Size, Front</b>	OD x Width x Rim Dia.				
	3.3	<b>Tyre Size, Rear</b>	OD x Width x Rim Dia.				
	3.5	<b>Wheels (x = driven)</b>	Number Front/Rear				
	3.6	<b>Track Width</b>	Front / Rear	mm			
<b>Basic Dimensions</b>	4.1	<b>Mast Tilt</b>	Forward / Backward	deg			
	4.2	<b>Mast Collapsed Height</b>		mm			
	4.3	<b>Mast Free Lift Height</b>		mm			
	4.4	<b>Mast Max. Lift height</b>		mm			
	4.5	<b>Mast Extended Lift Height</b>		mm			
	4.7	<b>Overhead Guard Height</b>		mm			
	4.8	<b>Seat Height</b>		mm			
	4.20	<b>Head length</b>	Length to Fork Face	mm	2,560	2,610	2,665
	4.21	<b>Overall Width</b>		mm			
	4.22	<b>Forks</b>	L x W x T	mm		45 x 100 x 1,050	45 x 122 x 1,050
	4.23	<b>Fork Carriage</b>	ISO 2328	class	II		III
	4.24	<b>Fork Carriage Width</b>		mm			
	4.31	<b>Ground Clearance</b>	Loaded, Lowest Point	mm			
	4.32	<b>Ground Clearance</b>	Loaded, Centre of Wheelbase	mm			
	4.33	<b>Working Aisle Width</b>	pallets 1,000 x 1,200 Traverse	mm	3,952	4,002	4,087
pallets 800 x 1,200 Length			mm	4,152	4,202	4,287	
4.35		<b>Turning Radius</b>		mm	2,280	2,330	2,415
<b>Performance Data</b>	5.1	<b>Travel Speed</b>	Empty	km/h	21		
		Loaded	km/h	20			
	5.2	<b>Lift Speed</b>	Empty	m/s	530		
			Loaded	m/s	510		
	5.3	<b>Lower Speed</b>	Empty	m/s	550		
			Loaded	m/s	420		
	5.6	<b>Max. Drawbar Pull</b>	Empty	N	18,000	18,700	18,600
			Loaded	N	19,500	19,300	19,100
5.8	<b>Max. Gradeability</b>	Empty	%	61	55	48	
		Loaded	%	37	32	27	
6.1	<b>Brakes</b>	Service Brake	Hydraulic				
		Parking Brake	Hand / Mechanical				
<b>Engine</b>	7.1	<b>Manufacturer/Model</b>	Kubota / WG2503-L				
	7.2	<b>Engine Power</b>	DIN ISO1585	kW	42.9		
	7.3	<b>Rated Speed</b>		min-1	2,700		
	7.3.1	<b>Torque at 1/min</b>		n_m/rpm	175/1,200		
	7.4	<b>Number of Cylinders / Displacement</b>		-/cc	4/4/2,491		
	7.1	<b>Battery</b>	Voltage / Ampere hour	V/Ah	12/65		
<b>Misc.</b>	10.1	<b>Operating Pressure</b>		Bar	160		
	10.2	<b>Oil Volume for Attachments</b>		L/min	65		
	10.7	<b>Sound level</b>	At Drivers Ear per EN 12053	dB(A)	85		

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<sup>x</sup> Series

# Specifications

				CG33NXP	CG35NXP	
Characteristics	1.2	<b>Model</b>				
	1.3	<b>Power</b>	Electric, Gas, LPG, Diesel	LPG		
	1.4	<b>Operator Type</b>		Sit-down Rider Counterbalance		
	1.5	<b>Load Capacity</b>	kg	3,300	3,500	
	1.6	<b>Load Centre</b>	Fork Face to Load CG	mm	500	
	1.8	<b>Load Distance</b>	Centre of Wheel to Fork Face	mm	477	
	1.9	<b>Wheelbase</b>		mm	1,700	
Weight	2.1	<b>Truck Weight</b>	Less Battery	kg	4,600	4,720
	2.2	<b>Axle Load, Loaded</b>	Front / Rear	kg	6,940/960	7,220/1,000
	2.3	<b>Axle Load, Empty</b>	Front / Rear	kg	1,730/2,870	1,670/3,050
Tyres	3.1	<b>Tyre Type</b>	Pneumatic, Super elastic, Cushion		Pneumatic	
	3.2	<b>Tyre Size, Front</b>	OD x Width x Rim Dia.		28x9-15-14PR	
	3.3	<b>Tyre Size, Rear</b>	OD x Width x Rim Dia.		6.50-10-10PR	
	3.5	<b>Wheels (x = driven)</b>	Number Front / Rear		2x/2	
	3.6	<b>Track Width, Front</b>	Front / Rear	mm	1,060/980	
	Basic Dimensions	4.1	<b>Mast Tilt</b>	Forward / Backward	deg	
4.2		<b>Mast Collapsed Height</b>		mm		
4.3		<b>Mast Free Lift Height</b>		mm		
4.4		<b>Mast Max. Lift height</b>		mm		
4.5		<b>Mast Extended Lift Height</b>		mm		
4.7		<b>Overhead Guard Height</b>		mm	2,160	
4.8		<b>Seat Height</b>		mm	1,185	
4.20		<b>Head length</b>	Length to Fork Face	mm	2,730	2,750
4.21		<b>Overall Width</b>		mm	1,290	
4.22		<b>Forks</b>	L x W x T	mm	50 x 125 x 1,050	
4.23		<b>Fork Carriage</b>	ISO 2328	class	III	
4.24		<b>Fork Carriage Width</b>		mm	1,042	
4.31		<b>Ground Clearance</b>	Loaded, Lowest Point	mm	132	
4.32		<b>Ground Clearance</b>	Loaded, Centre of Wheelbase	mm	135	
4.33		<b>Working Aisle Width</b>	pallets 1,000 x 1,200 Traverse	mm	4,137	4,157
	pallets 800 x 1,200 Length		mm	4,337	4,357	
	4.35	<b>Turning Radius</b>		mm	2,460	2,480
Performance Data	5.1	<b>Travel Speed</b>	Empty	km/h	21	
			Loaded	km/h	22	
	5.2	<b>Lift Speed</b>	Empty	m/s	430	
			Loaded	m/s	410	
	5.3	<b>Lower Speed</b>	Empty	m/s	500	
			Loaded	m/s	470	
	5.6	<b>Max. Drawbar Pull</b>	Empty	N	18,500	
			Loaded	N	19,000	18,900
	5.8	<b>Max. Gradeability</b>	Empty	%	45	43
			Loaded	%	25	24
6.1	<b>Brakes</b>	Service Brake		Hydraulic		
		Parking Brake		Hand / Mechanical		
Engine	7.1	<b>Manufacturer/Model</b>		Kubota / WG2503-L		
	7.2	<b>Engine Power</b>	DIN ISO1585	kW	42.9	
	7.3	<b>Rated Speed</b>		min-1	2,700	
	7.3.1	<b>Torque at 1/min</b>		n_m/rpm	175/1,200	
	7.4	<b>Number of Cylinders / Displacement</b>		-/cc	4/4/2,491	
7.1	<b>Battery</b>	Voltage / Ampere hour	V/Ah	12/65		
Misc.	10.1	<b>Operating Pressure</b>		Bar	160	
	10.2	<b>Oil Volume for Attachments</b>		L/min	65	
	10.7	<b>Sound level</b>	At Drivers Ear per EN 12053	dB(A)	85	

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	Maximum Collapsed Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					With Load Backrest*	With Load Backrest*	Tilt Angle			
			Single Pneum.				Double Pneum.		Single Pneum.	Double Pneum.
			FWD	BWD			FWD	BWD	LC500 mm	LC500 mm
mm	mm	mm	mm	deg	deg	deg	deg	kg	kg	
TL	3,000	2,045	4,247	150	6	10	6	10	2,000	2,000
	3,300	2,195	4,547	150	6	10	6	10	2,000	2,000
	3,500	2,295	4,747	150	6	10	6	10	2,000	2,000
	4,000	2,595	5,347	150	6	6	6	6	2,000	2,000
	4,500	2,845	5,847	150	6	6	6	6	2,000	2,000
	5,000	3,095	6,347	150	6	6	6	6	2,000	2,000
TF	3,210	2,155	4,474	950	6	10	6	10	2,000	2,000
TT	4,270	2,005	5,554	800	6	6	6	6	2,000	2,000
	4,710	2,145	5,974	940	6	6	6	6	1,950	2,000
	5,540	2,495	6,799	1,290	6	6	6	6	1,800	1,870
	5,990	2,645	7,249	1,440	6	6	6	6	1,300	1,800
	7,060	3,145	8,298	1,940	6	6	6	6	600	1,500

**Mast Chart CG25NXP**

Mast Type	Maximum Fork Height	Maximum Collapsed Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					With Load Backrest*	With Load Backrest*	Tilt Angle			
			Single Pneum.				Double Pneum.		Single Pneum.	Double Pneum.
			FWD	BWD			FWD	BWD	LC500 mm	LC500 mm
mm	mm	mm	mm	deg	deg	deg	deg	kg	kg	
TL	3,000	2,045	4,247	150	6	10	6	10	2,500	2,500
	3,300	2,195	4,547	150	6	10	6	10	2,500	2,500
	3,500	2,295	4,747	150	6	10	6	10	2,500	2,500
	4,000	2,595	5,347	150	6	6	6	6	2,500	2,500
	4,500	2,845	5,847	150	6	6	6	6	2,500	2,500
	5,000	3,095	6,347	150	6	6	6	6	2,500	2,500
TF	3,210	2,155	4,474	950	6	10	6	10	2,500	2,500
TT	4,270	2,005	5,554	800	6	6	6	6	2,400	2,450
	4,710	2,145	5,974	940	6	6	6	6	2,300	2,350
	5,540	2,495	6,799	1,290	6	4	6	4	1,900	2,200
	5,990	2,645	7,249	1,440	6	4	6	4	1,400	2,100
	7,060	3,145	8,298	1,940	6	4	6	4	650	1,600

**Mast Chart CG30NXP**

Mast Type	Maximum Fork Height	Maximum Collapsed Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					With Load Backrest*	With Load Backrest*	Tilt Angle			
			Single Pneum.				Double Pneum.		Single Pneum.	Double Pneum.
			FWD	BWD			FWD	BWD	LC500 mm	LC500 mm
mm	mm	mm	mm	deg	deg	deg	deg	kg	kg	
TL	3,000	2,045	4,247	150	6	10	6	10	3,000	3,000
	3,300	2,195	4,547	150	6	10	6	10	3,000	3,000
	3,500	2,295	4,747	150	6	10	6	10	3,000	3,000
	4,000	2,595	5,347	150	6	6	6	6	3,000	3,000
	4,500	2,845	5,847	150	6	4	6	4	2,950	3,000
	5,000	3,095	6,347	150	6	4	6	4	2,800	2,800
TF	3,210	2,155	4,474	950	6	10	6	10	3,000	3,000
TT	4,270	2,005	5,554	800	6	6	6	6	2,800	2,900
	4,710	2,145	5,974	940	6	4	6	4	2,650	2,800
	5,540	2,495	6,799	1,290	6	4	6	4	2,000	2,600
	5,990	2,645	7,249	1,440	6	4	6	4	1,500	2,450
	7,060	3,145	8,298	1,940	6	4	6	4	700	1,700

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

**Mast Chart CG33NXP**

Mast Type	Maximum Fork Height	Maximum Collapsed Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					With Load Backrest*	With Load Backrest*	Tilt Angle			
			Single Pneum.				Double Pneum.		Single Pneum.	Double Pneum.
			FWD	BWD			FWD	BWD	LC500 mm	LC500 mm
deg	deg	deg	deg	kg	kg					
TL	3,000	2,045	4,247	150	6	10	6	10	3,300	3,300
	3,300	2,195	4,547	150	6	10	6	10	3,300	3,300
	3,500	2,295	4,747	150	6	10	6	10	3,300	3,300
	4,000	2,595	5,347	150	6	6	6	6	3,300	3,300
	4,500	2,845	5,847	150	6	4	6	4	3,220	3,220
	5,000	3,095	6,347	150	6	4	6	4	2,900	3,050
TF	3,210	2,155	4,474	950	6	10	6	10	3,300	3,300
TT	4,270	2,005	5,554	800	6	6	6	6	3,050	3,050
	4,710	2,145	5,974	940	6	4	6	4	2,900	2,950
	5,540	2,495	6,799	1,290	6	4	6	4	2,100	2,750
	5,990	2,645	7,249	1,440	6	4	6	4	1,600	2,600
	7,060	3,145	8,298	1,940	6	4	6	4	750	1,800

**Mast Chart CG35NXP**

Mast Type	Maximum Fork Height	Maximum Collapsed Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					With Load Backrest*	With Load Backrest*	Tilt Angle			
			Single Pneum.				Double Pneum.		Single Pneum.	Double Pneum.
			FWD	BWD			FWD	BWD	LC500 mm	LC500 mm
deg	deg	deg	deg	kg	kg					
TL	3,000	2,045	4,247	150	6	10	6	10	3,500	3,500
	3,300	2,195	4,547	150	6	10	6	10	3,500	3,500
	3,500	2,295	4,747	150	6	10	6	10	3,500	3,500
	4,000	2,595	5,347	150	6	6	6	6	3,500	3,500
	4,500	2,845	5,847	150	6	4	6	4	3,360	3,350
	5,000	3,095	6,347	150	6	4	6	4	3,000	3,200
TF	3,210	2,155	4,474	950	6	10	6	10	3,500	3,500
TT	4,270	2,005	5,554	800	6	6	6	6	3,210	3,200
	4,710	2,145	5,974	940	6	4	6	4	3,100	3,100
	5,540	2,495	6,799	1,290	6	4	6	4	2,200	2,880
	5,990	2,645	7,249	1,440	6	4	6	4	1,700	2,750
	7,060	3,145	8,298	1,940	6	6	6	6	1,300	1,800

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

**Standard Features**

1. Kubota WG2503 2.4 Litre, 4 cylinder LPG engine
2. Single-speed Powershift
3. Power Shoe Brakes
4. Heavy Duty Radiator
5. Dual Element Air Filter
6. Toolless Side Panel
7. LED Combination Lights
8. Anti-slip Step Plate
9. Panoramic Mirror
10. Adjustable Steer Column
11. Spinner 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. Travel Speed Control
6. Rear Handle 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 spotlight (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, 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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