

CROWN

C-D^x

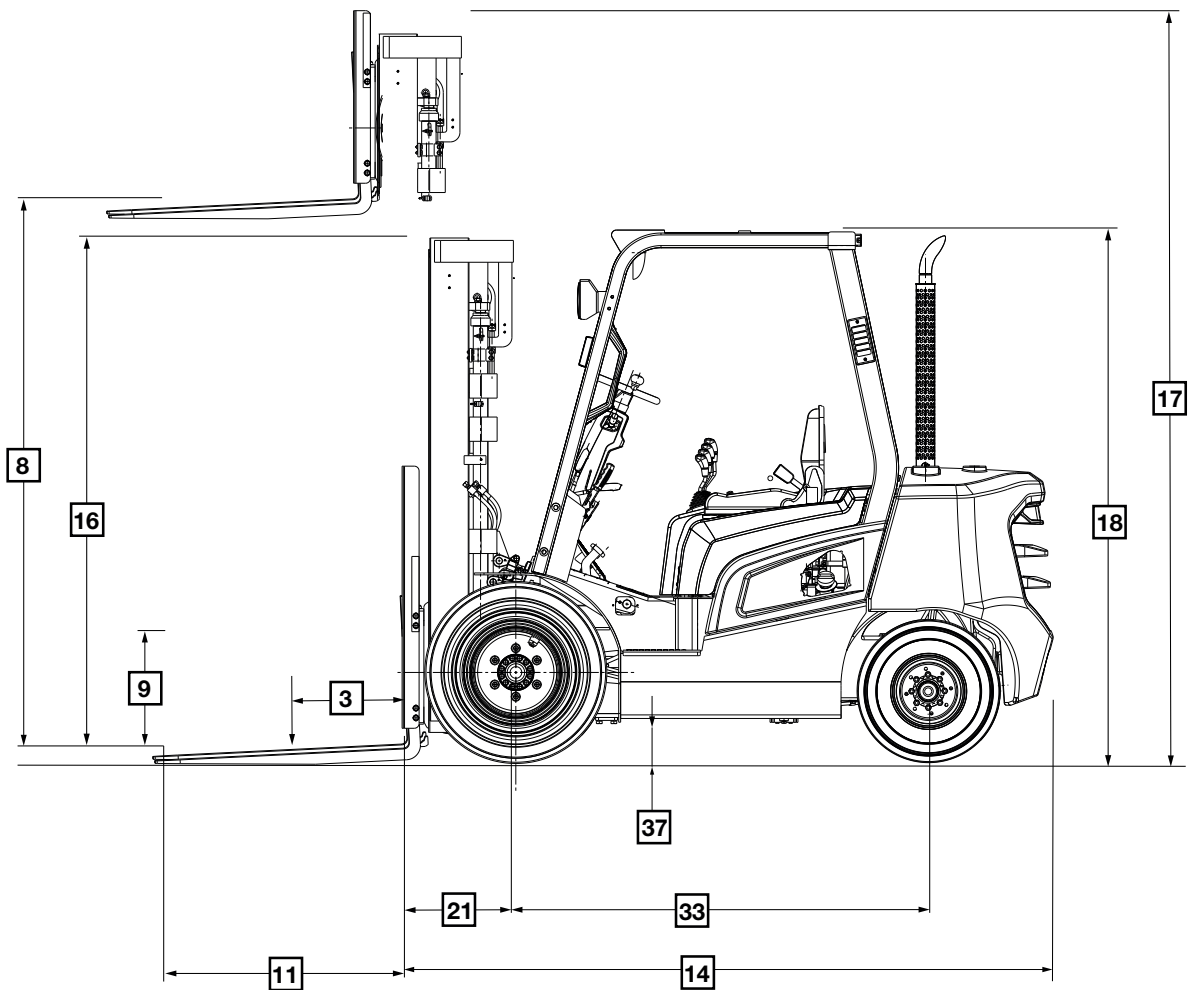
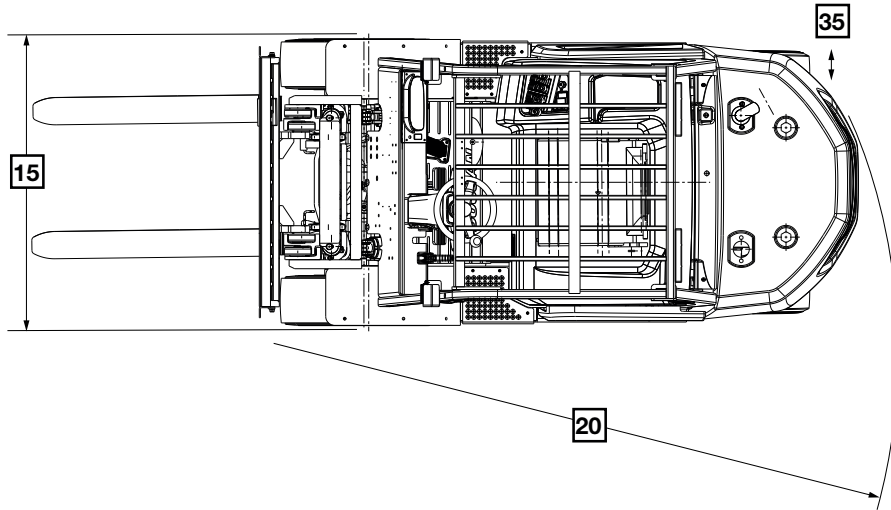
2,000–3,500 kg Capacity

NXP Model

IC Pneumatic Tyre

Specifications





C-D^x Series

Specifications

			CD20NXP	CD25NXP	CD30NXP	CD33NXP	CD35NXP		
Characteristics	1	Model							
	2	Load Capacity	At Rated Load Centre	kg	2,000	2,500	3,000	3,300	3,500
	3	Load Centre		mm	500	500	500	500	500
	4	Power Type	Elec, Diesel, LPG, Petrol		Diesel	Diesel	Diesel	Diesel	Diesel
	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	mm	3,000	3,000	3,000	3,000	3,000
	9	Free Lift		mm	150	150	150	150	150
	10	Fork Carriage	ISO Class		II	II	III	III	III
	11	Forks	Length x Width x Thickness	mm	1050x100x45	1050x100x45	1050x122x45	1050x125x45	1050x125x45
	12		Fork Carriage Width	mm	1,042	1,042	1,042	1,042	1,042
	13	Tilt of Mast	Forward / Backward	deg	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10
	14	Overall Dimensions	Length to Fork Face	mm	2,560	2,610	2,665	2,730	2,750
	15		Overall Width	mm	1,290	1,290	1,290	1,290	1,290
	16		Mast Lowered Height	mm	2,053	2,053	2,053	2,053	2,053
	17		Mast Extended Height*	mm	4,247	4,247	4,247	4,247	4,247
	18		Overhead Guard Height	mm	2,160	2,160	2,160	2,160	2,160
	19	Seat Height	mm	1,185	1,185	1,185	1,185	1,185	
	20	Turning Radius	Minimum Outside	mm	2,280	2,330	2,415	2,460	2,480
21	Load Distance	Centre of Drive Axle to Fork Face	mm	477	477	482	487	487	
Performance	22	Travel Speed	Loaded / Unloaded	km/h	20 / 21	20 / 21	20 / 21	20 / 21	20 / 21
	23	Lifting Speed	Loaded / Unloaded	mm/s	580 / 600	570 / 600	560 / 600	480 / 500	460 / 480
	24	Lowering Speed	Loaded / Unloaded	mm/s	485 / 560	485 / 560	485 / 560	470 / 495	470 / 495
	25	Max Drawbar Pull	Loaded / Unloaded	N	21,085 / 20,060	20,893 / 19,990	20,655 / 19,876	20,530 / 19,820	20,461 / 19,803
	26	Max Gradeability	Loaded / Unloaded	%	41 / 66	32 / 60	28 / 50	26 / 47	25 / 45
Weight	27	Total Weight	Unloaded	kg	3,635	3,920	4,385	4,585	4,685
	28	Axle Load	Loaded, Front / Rear	kg	4,925 / 710	5,560 / 860	6,475 / 910	6,935 / 950	7,205 / 980
	29		Unloaded, Front / Rear	kg	1,705 / 1,930	1,720 / 2,200	1,785 / 2,600	1,720 / 2,865	1,650 / 3,035
Chassis	30	Tyres	Size, Front Single		28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	32		Size, Rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	33	Wheelbase	Distance	mm	1,700	1,700	1,700	1,700	1,700
	34	Tread Width	Front	mm	1,060	1,060	1,060	1,060	1,060
	35		Rear	mm	980	980	980	980	980
	36	Ground Clearance	Loaded at the lowest point	mm	132	132	132	132	132
	37		Loaded at centre of wheelbase	mm	135	135	135	135	135
	38	Brakes	Service		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	39		Parking		Ratchet	Ratchet	Ratchet	Ratchet	Ratchet
Power Train	40	Battery	Voltage / Ampere	V/AH	12 / 90	12 / 90	12 / 90	12 / 90	12 / 90
	41	Engine	Manufacturer / YANMAR		4TNE98	4TNE98	4TNE98	4TNE98	4TNE98
	42		Rated Power (DIN)	kW@rpm	43.7@2,300	43.7@2,300	43.7@2,300	43.7@2,300	43.7@2,300
	43		Maximum Torque	n_m@rpm	181@1,600	181@1,600	181@1,600	181@1,600	181@1,600
	44		Cycle / Cylinders / Displacements CC		4 / 4 / 3,319	4 / 4 / 3,319	4 / 4 / 3,319	4 / 4 / 3,319	4 / 4 / 3,319
	45	Transmission	Type		Powershift Electrical	Powershift Electrical	Powershift Electrical	Powershift Electrical	Powershift Electrical
			Number of Speeds (Fwd / Rev)		1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
46	Attachments	Oil Volume	lpm	65	65	65	65	65	
		Operating Pressure	bar	160	160	160	160	160	

Dimensions based on a TL 2-Stage mast.

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.

* Extended height to top of mast does include load backrest.

Mast Chart CD20NXP

Mast Type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					With Load Backrest*	With Load Backrest*	Tilt Angle				Load Capacities	
							Single Pneum.		Double Pneum.		Single Pneum.	Double Pneum.
							FWD	BWD	FWD	BWD	LC 500 mm	LC 500 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		

* Based on 1156 mm LBR

Mast Chart CD25NXP

Mast Type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					With Load Backrest*	With Load Backrest*	Tilt Angle				Load Capacities	
							Single Pneum.		Double Pneum.		Single Pneum.	Double Pneum.
							FWD	BWD	FWD	BWD	LC 500 mm	LC 500 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		

* Based on 1156 mm LBR

Mast Chart CD30NXP

Mast Type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					With Load Backrest*	With Load Backrest*	Tilt Angle				Load Capacities	
							Single Pneum.		Double Pneum.		Single Pneum.	Double Pneum.
							FWD	BWD	FWD	BWD	LC 500 mm	LC 500 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		

* Based on 1156 mm LBR

Mast Chart CD33NXP

Mast Type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					With Load Backrest*	With Load Backrest*	Tilt Angle				Load Capacities	
							Single Pneum.		Double Pneum.		Single Pneum.	Double Pneum.
							FWD	BWD	FWD	BWD	LC 500 mm	LC 500 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		

* Based on 1156 mm LBR

Mast Chart CD35NXP

Mast Type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					With Load Backrest*	With Load Backrest*	Tilt Angle				Load Capacities	
							Single Pneum.		Double Pneum.		Single Pneum.	Double Pneum.
							FWD	BWD	FWD	BWD	LC 500 mm	LC 500 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		

* Based on 1156 mm LBR

Standard Features

1. Yanmar 3.3-Litre, 4-Cylinder Inline Diesel
2. Single Speed Powershift Electrical
3. Power Drum Brakes
4. Dual Element Air Cleaner
5. Easy Side Panel Removal – No tools required
6. Large Entry Grip Bar
7. Anit-Skid Step Plate
8. Panoramic Mirror
9. Adjustable Steering Column
10. Steering Knob
11. LED Combination Lamps

Optional Equipment

1. Heavy Duty Radiator
2. Radiator Screen
3. High-Speed Fan
4. Pre-Cleaner
5. Vented Side Panel
6. Operator Sensing System
7. Donaldson Air Cleaner
8. Auto Shift Controller
9. Modular Cabin Styles
10. Rear Grab Bar with Horn
11. Quick Disconnect Hose Couplings
12. Heater
13. Fan

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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