

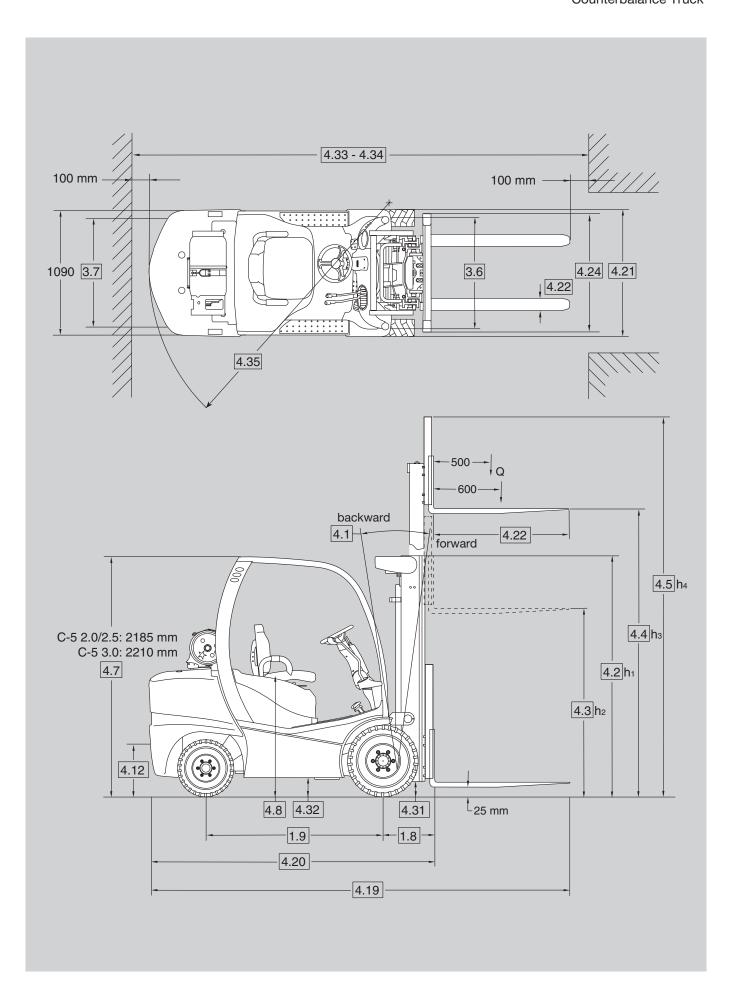
C-5 SERIES

Specifications

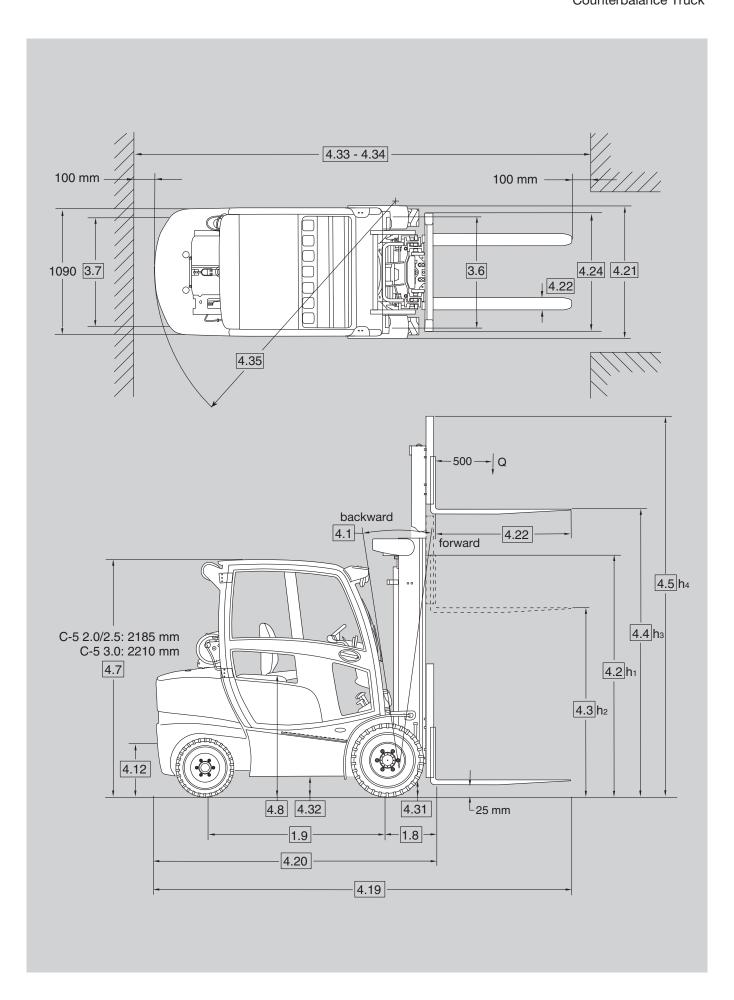
LPG Counterbalance Truck - SE











4.1 4.2 4.2 4.2 4.2 4.2 4.3	.2 .3 .4 .5 .6 .8 .9 .1 .1 .2 .3 .3 .5 .6 .3 .5 .6 .3 .5 .6 .6 .7 .1 .1 .2 .2 .3 .4 .5 .6 .6 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	Manufacturer Model Power Operator Type Load Capacity Load Centre Load Distance Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift Lift Height	electric at 500 mm w. load front / rear w.o. load front / rear Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim diano. (x=driven) front/rear front std. / wide / dual rear std., wide forward / backward	std.	t mm mm kg kg kg natic (P) / dual wide	2.0 2.0 45 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	3934 5642 / 792 1679 / 2255 SE	3.0 461 1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
1.5 2.1 4.2 2.3 3.3 3.5 3.6 3.7 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	.3 .4 .5 .6 .8 .9 .1 .1 .2 .3 .3 .5 .6 .6 .7 .1 .1 .2 .3 .5 .6 .6 .7 .7 .1 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	Power Operator Type Load Capacity Load Centre Load Distance Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w. load front / rear w.o. load front / rear Super Elastic (SE), Cushion (Clarent diameter, width, rim diameter rear diameter, width, rim diameter rear diameter, width, rim diameter front std. / wide / dual rear std., wide	c x y y, Pneum std.	mm mm kg kg kg hatic (P)	2.0 45 162 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	LPG Driver-seated 2.5 500 55 26 3934 5642 / 792 1679 / 2255 SE 00 - 12	3.0 461 1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
1.5 2.1 4.2 2.3 3.3 3.5 3.6 3.7 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	.4 .5 .6 .8 .9 .1 .2 .3 .3 .1 .5 .6 .6 .7 .1 .2 .3 .3 .5 .6 .6 .7 .1 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	Operator Type Load Capacity Load Centre Load Distance Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w. load front / rear w.o. load front / rear Super Elastic (SE), Cushion (Clarent diameter, width, rim diameter rear diameter, width, rim diameter rear diameter, width, rim diameter front std. / wide / dual rear std., wide	c x y y, Pneum std.	mm mm kg kg kg hatic (P)	45 16: 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	Driver-seated 2.5 500 65 26 3934 5642 / 792 1679 / 2255 SE 00 - 12	461 1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
1.5 2.1 4.2 2.3 3.3 3.5 3.6 3.7 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	.5 .6 .8 .91	Load Capacity Load Centre Load Distance Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w. load front / rear w.o. load front / rear Super Elastic (SE), Cushion (C) front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	c x y y, Pneum std.	mm mm kg kg kg hatic (P)	45 16: 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	2.5 500 55 26 3934 5642 / 792 1679 / 2255 SE	461 1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
1.5 2.1 4.2 2.3 3.3 3.5 3.6 3.7 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	.6 .8 .9 .9 .123123123457	Load Centre Load Distance Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w. load front / rear w.o. load front / rear Super Elastic (SE), Cushion (C) front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	c x y y, Pneum std.	mm mm kg kg kg hatic (P)	45 16: 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	500 55 26 3934 5642 / 792 1679 / 2255 SE	461 1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
1.5 2.1 4.2 2.3 3.3 3.5 3.6 3.7 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	.8 .9	Load Distance Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w.o. load front / rear Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	x y y, Pneum std.	mm kg kg kg hatic (P) / dual	162 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	3934 5642 / 792 1679 / 2255 SE	1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
1.5 2.1 4.2 2.3 3.3 3.5 3.6 3.7 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	.9	Wheel Base Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w.o. load front / rear Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	y c), Pneum std. meter	mm kg kg kg hatic (P) / dual	162 3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	3934 5642 / 792 1679 / 2255 SE	1699 4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
2.1 Septimensions 2.2 Septimensions 2.3 Septimen	1.1 1.2 1.3 1.1 1.2 1.3 1.5 1.6 1.7 1.1 1.2 1.3 1.4 1.5	Weight Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w.o. load front / rear Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	std.	kg kg kg natic (P) / dual	3560 4888 / 672 1717 / 1843 26 x 7.0 27 x 10	3934 5642 / 792 1679 / 2255 SE	4785 6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
SeyM 3.2 2.3 3.1 3.2 3.3 3.5 3.6 3.7 4.1 4.2 4.3 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.3 4.3 4.3 4.2 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	1.2 1.3 1.1 1.2 1.3 1.5 1.6 1.7 1.1 1.2 1.3 1.4 1.5	Axle Load Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w.o. load front / rear Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	std.	kg kg natic (P) / dual	4888 / 672 1717 / 1843 26 x 7.0 27 x 10	5642 / 792 1679 / 2255 SE 00 - 12	6631 / 1154 1941 / 2844 28 x 9 - 15 355 / 45 - 15				
3.1 3.2 3.3 3.5 3.6 3.7 4.1 4.2 4.3 4.4 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	1.3 1.1 1.2 1.3 1.5 1.6 1.7 1.1 1.2 1.3 1.4 1.5 1.7	Axle Load Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	w.o. load front / rear Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	std.	kg natic (P) / dual	1717 / 1843 26 x 7.0 27 x 10	1679 / 2255 SE 00 - 12	1941 / 2844 28 x 9 - 15 355 / 45 - 15				
3.1 3.2 3.3 3.5 3.6 3.7 4.1 4.2 4.3 4.4 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	3.1 3.2 3.3 3.5 3.6 3.7 3.1 3.2 3.3 4.4 3.5	Tyre Type Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	Super Elastic (SE), Cushion (C front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	std.	natic (P) / dual	26 x 7.0 27 x 10	SE 00 - 12	28 x 9 - 15 355 / 45 - 15				
3.2 3.3 3.5 3.6 3.7 4.1 4.2 4.3 4.1 4.1 4.1 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	3.3 3.5 3.6 3.7 3.1 3.2 3.3 3.4 3.5	Tyre Size Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	front diameter, width, rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	std.	/ dual	27 x 10	00 - 12	355 / 45 - 15				
3.3 3.6 3.7 4.1 4.2 4.3 4.4 4.5 4.7 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 4.4 4.4 4.5 4.7 4.7 4.8 4.1 4.1 4.2 4.3 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	3.3 3.5 3.6 3.7 3.1 3.2 3.3 3.4 3.5	Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	rim diameter rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide	meter		27 x 10		355 / 45 - 15				
3.3 3.6 3.7 4.1 4.2 4.3 4.4 4.5 4.7 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 4.4 4.4 4.5 4.7 4.7 4.8 4.1 4.1 4.2 4.3 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	3.3 3.5 3.6 3.7 3.1 3.2 3.3 3.4 3.5	Tyre Size Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	rear diameter, width, rim dia no. (x=driven) front/rear front std. / wide / dual rear std., wide		wide		0 - 12					
3.5 3.6 3.7 4.1 4.2 4.3 4.4 4.1 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 4.4 4.1 4.1 4.1 4.2 4.3 4.1 4.1 4.2 4.3 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	6.5 6.7 6.1 6.2 6.3 6.4 6.5	Wheels Track Mast Tilt / Fork Carriage Mast Free Lift	no. (x=driven) front/rear front std. / wide / dual rear std., wide			0.00		0 = 0 : -				
3.5 3.6 3.7 4.1 4.2 4.3 4.4 4.1 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 4.4 4.1 4.1 4.1 4.2 4.3 4.1 4.1 4.2 4.3 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	6.6 6.7 6.1 6.2 6.3 6.4 6.5 6.7	Track Mast Tilt / Fork Carriage Mast Free Lift	front std. / wide / dual rear std., wide	b10		6.00	1 - 9	6.50 - 10				
3.7 4.2 4.3 4.4 4.5 4.7 4.8 4.1 4.2 4.2 4.2 4.2 4.3	7 1 2 3 4 5	Mast Tilt / Fork Carriage Mast Free Lift	rear std., wide	b10			2x / 2					
4.1 4.2 4.5 4.5 4.7 4.8 4.1 4.1 4.2 4.2 4.2 4.2	1 2 3 4 5	Mast Tilt / Fork Carriage Mast Free Lift	· ·		mm	1024 / 11	15 / 1412	1072 / 1138 / 1542				
4.2 4.3 4.4 4.7 4.1 4.1 4.2 4.2 4.2 4.2 4.3	2	Mast Free Lift	forward / backward	b11	mm	95	953					
4.3 4.4 4.5 4.7 4.8 4.1 4.1 4.2 4.2 4.2 4.2 4.3	3 4 5	Free Lift	<u> </u>		0		5/5					
4.2 4.5 4.7 4.8 4.1 4.2 4.2 4.2 4.2 4.3	.5		collapsed height	h1	mm	see ta	able 1	see table 2				
4.5 4.7 4.8 4.1 4.2 4.2 4.2 4.2 4.3	.5	Lift Height		h2	mm	see ta	ıble 1	see table 2				
4.7 4.8 4.1 4.2 4.2 4.2 4.2 4.3	.7	Lift Height		hз	mm	see ta	see table 2					
4.8 4.1 4.2 4.2 4.2 4.2 4.2 4.3		Mast	extended height	h4	mm	see ta	ıble 1	see table 2				
4.1 4.1 4.2 4.2 4.2 4.2 4.3		Overhead Guard Height		h6	mm	218	85	2210				
4.1 4.2 4.2 4.2 4.2 4.2 4.3	.8	Seat Height		h7	mm	109	95	1110				
4.2 4.2 4.2 4.2 4.3	.12	Tow Hitch Height		h10	mm	60)5	630				
4.2 4.2 4.2 4.3	.19	Overall Length		l1	mm	3651	3661	3785				
4.2 4.2 4.2 4.3	.20	Headlength		l2	mm	2586	2596	2720				
4.2 4.2 4.2 4.3	4.21		front / rear, std. tyre	b1/b2	mm	1194 /	1090	1293 / 1090				
4.2 4.2 4.2 4.3		Overall Width	front / rear, wide	b1/b2	mm	1349 /		1433 / 1090				
4.2			front / rear, dual	b1/b2	mm	1585 /		1765 / 1090				
4.2	.22	Fork Dimension		th x w	mm	45 x	45 x 125					
4.2			std. / optional	I	mm			0, 1525,1830, 2135				
4.3		Fork Carriage	ISO / FEM / ITA			Clas		Class III				
		Fork Carriage Width	with load backrest	Ьз	mm		1120					
		Ground Clearance	with load below mast	m1	mm	137	135	152				
_	.32		centre wheelbase	m ₂	mm	162	160	179				
_	.33	Working Aisle Width	pallets 1000x1200 traverse	Ast	mm	3996	4007	4162				
	.34		pallets 800x1200 length	Ast	mm	4125	4136	4291				
	.35	Turning Radius	add load and alasses	Wa	mm	2222	2233	2383				
_	.35	Right Angle Stack	add load and clearance		mm	2677	2688	2844				
5.1		Travel Speed Lift Speed	w./w.o. load w./w.o. load		km/h m/s		20 / 20					
		Lower Speed	w./w.o. load		mm		0.46 / 0.47					
5.5 5.5		Drawbar Pull	w./w.o. load (max.)		N	150		16750				
5.7 5.7		Gradeability	w./w.o. load (max.)		%	29 / 22	23 / 19	17 / 16				
Performance 7.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2		Acceleration Time	w./w.o. load (max.)		S	5.2 / 4.3	5.2 / 4.3	5.3 / 5.0				
_ 0.0			service				raulic / Power Disc /					
5.1	.10	Brake	park			-	aulic / Power Disc / S					
7.1	1.1	Engine Manufacturer	type			Crown 4024						
			per ISO 1585	kV	V/HP	44 / 59						
7.2	.2	Engine Rated Output		Nm @	@ rpm	169 @ 1400						
T.3		Rated Speed			rpm	2800						
Engine / Transmission 7.2 7.4 8.1 8.2 8.2 8.3 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	.3	No. of Cylinder / Displac	ement	qty	/ / cm³		4 / 2400					
8.1		Туре					Hydrodynamic					
8.2 8.2	.4	Available Working Press	ure for Attachments		bar	17	'9	214				
后 8.3	7.4 3.1	Available Working Fress	ents		I/min		72					
8.4	i.4 i.1 i.2	Oil Capacity for Attachm					72 82					

Table 1 - Mast C-5 1050-2.0 / C-5 1050-2.5

									TL						
4.1	Mast Tilt	forward / backward		0					5/5						
4.2	Mast	collapsed height	h1	mm	1765	2030	2185	2335	2490	2640	2795	2945	3100		
4.3	Free Lift	without load backrest	h2	mm	150										
4.5	Free Liit	with load backrest	h2	mm	150										
4.4	Lift Height		hз	mm	2055	2870	3200	3505	3810	3935	4040	4320	4650		
4.5	Mast	extended height, w.o. lbr.	h4	mm	2565	3380	3710	4015	4320	4445	4545	4825	5155		
4.5	IVIASL	extended height, with lbr.	h4	mm	3275	4060	4420	4725	5030	5155	5260	5535	5865		
	Interlock	fork height		mm	1980										

					ТТ						Quad				
4.1	Mast Tilt	forward / backward		0		5/5					/ 3	5/3			
4.2	Mast	collapsed height	h1	mm	2185	2335	2490	2640	2795	2945	3100	2185	2335	2490	2640
4.3	Free Lift	without load backrest	h2	mm	1675	1825	1980	2130	2285	2435	2595	1630	1780	1935	2085
4.3		with load backrest	h2	mm	965	1115	1270	1420	1575	1725	1880	965	1115	1270	1420
4.4	Lift Height		hз	mm	4775	5230	5485	5865	6250	6555	7010	6095	6555	7010	7470
4.5	Mast	extended height, w.o. lbr.	h4	mm	5280	5735	5990	6370	6755	7060	7515	6605	7065	7520	7980
4.5	IVIASL	extended height, with lbr.	h4	mm	5995	6450	6705	7085	7470	7775	8230	7315	7775	8230	8690
	Interlock	fork height		mm	2415 2440					2440	2590	1930	2085	2235	2390

Table 2 - Mast C-5 1050-3.0

			TL												
4.1	Mast Tilt	forward / backward		0	5 / 5										
4.2	Mast	collapsed height	h1	mm	2030	2185	2335	2490	2640	2795	2945	3100			
4.3	Free Lift	without load backrest	h2	mm	150										
4.5	Free Liit	with load backrest	h2	mm	150										
4.4	Lift Height		hз	mm	2590	2920	3200	3530	3810	4040	4320	4650			
4.5	Mast	extended height, w.o. lbr.	h4	mm	3200	3530	3810	4140	4420	4650	4930	5260			
4.5	Mast	extended height, with lbr.	h4	mm	3810	4140	4420	4750	5030	5260	5535	5865			
	Interlock	fork height		mm	1980										

					ТТ									
4.1	Mast Tilt	forward / backward		0	5/3									
4.2	Mast	collapsed height	h1	mm	2185	2335	2490	2640	2795	2945				
12	Free Lift	without load backrest	h2	mm	1565	1715	1870	2020	2175	2325				
4.5	Free Liit	with load backrest	h2	mm	965	1115	1270	1420	1575	1725				
4.4	Lift Height		hз	mm	4345	4800	5055	5435	5815	6120				
4.5	Mast	extended height, w.o. lbr.	h4	mm	4965	5420	5675	6055	6425	6740				
4.5	IVIASL	extended height, with lbr.	h4	mm	5565	6020	6275	6655	7035	7340				
	Interlock	fork height		mm	2415									



Standard Equipment

- Industrial 2.4 liter Crown LPG engine compliant to current EU standards
- 2. Hydrodynamic transaxle
- 3. Dual open-core radiator
- Crown's Access 1 2 3[®] Comprehensive System Control
- Intrinsic Stability System™
 Greater mass and low
 centre of gravity
 - Tilt interlock
 - Tilt speed control
 - Stalled engine braking and steering
 - Hill hold
- 6. Top speed limiter
- 7. Corrosion resistant chain with high performance chain lube
- 8. Fold down LP bottle bracket
- 9. Two pedal control with combination inching/brake
- Operator compartment design features
 - Low cowl for fork and floor visibility
 - Wide placed overhead guard uprights reduce visual interference
 - Isomounted overhead guard reduces vibration
 - Comfort suspension safety seat MSG 65 vinyl, hip restraints and anti-cinch seat belt
 - Infinitely adjustable steering wheel column
 - Nylon covered control handles with tactile feedback
 - Natural position for forward/reverse selector
 - Rubber floor mat/rubber covered pedals
 - Mud scraper and step plate
- Operator entry/exit
 - Extra wide step
 - · Large entry/exit
 - Overhead guard post for easy hand hold
 - Contoured seat deck
 - Compact tilt steering wheel and column
 - Spinner knob
 - Large uncluttered floorboard
- 12. 1065 mm forks
- 13. 1120 mm wide fork carriage with upper and lower thrust rollers

- 14. High visibility mast with in-line hose routing
- 15. Hour meter/event memory
- 16. No tool lift out floor boards
- 17. Three spool valve
- O-ring face seal hydraulic fittings
- 19. Colour-coded wiring
- 20. 12-volt alternator
- 21. Super Elastic (SE) tyres
- 22. Crown Power Brakes
- 23. Rigid mounted heavy-duty steer axle with grease zerks
- 24. Single element air cleaner
- 25. Severe duty wet cell battery
- 26. e-Smart™: LPG fuel level indicator
- 27. Air filter restriction indicator
- 28. Tow pin
- 29. Horn
- 30. Radiator Grill
- 31. Adjustable armrest
- 32. Unregulated Catalyst

Optional Equipment

- 1. On-Demand Cooling (ODC)
- 2. Wet cell battery
- 3. TL mast (2-stage)
- 4. TT mast (3-stage)
- 5. Quad mast (4-stage)
- Polished and full taper forks (915 mm, 990 mm, 1145 mm, 1220 mm, 1370 mm and 1520 mm)
- 7. Quick disconnect hydraulic connections
- 8. Attachment pressure regulator and gauge
- 9. Special tilt angle
- 10. Load backrest heights (915, 1065, 1220 and 1525 mm)
- Accessory hydraulics, integrated sideshifter and other attachments
- 12. Clamp interlock switch
- 13. Work lights (Halogen or LED)
- 14. Strobe light (Halogen or LED)
- 15. Back-up and brake lights
- 16. Turn signals
- Smart travel alarm –
 Reverse
- 18. Blue Warning Light
- 19. Keyless on/off switch
- Fixed LPG bottle bracket
 Brackets for LPG bottle in
 various diameters and
 lengths
- 21. Swing out and drop down bottle bracket
- 22. Rear post handle with horn button
- 23. Comfort suspension seat MSG 65 fabric

- 24. Work Assist Accessories
 - Pad clip and hook
 - Accessory clamp
 - Terminal mounting
 - Fire extinguisher
 - Operator fan
 - Mirrors
 - Cup holder
 - Shrink wrap holder
 - Storage net or pocket behind seat
 - Pencil holder
- 25. Three pedal control with separate inching/brake
- 26. 3-way catalytic converter
- 27. Radiator screen
- 28. Air intake pre-cleaner
- 29. Belly pan
- 30. Positive/Negative accessory cable
- 31. Spinner knob
- 32. InfoLink ready
- 33. Counterweight grill
- 34. Mirrors plastic or glass
- 35. 1345 mm wide carriage
- 36. Steer axle with sealed bearings
- 37. Wide tread drive tyres
- 38. Dual drive tyres
- 39. Non marking tyres
- 40. Hydraulic Accumulator
- 41. Safety Belt:
 - High visibility orange anti-cinch safety belt
 - Duo Sense, black
 - Seltbelt Interlock, orange
- 42. Two wheel chocks

Cabin FeaturesHard Cabin

Automotive-class comfort. Cabin height as on standard overhead guard height.

Front screen with tempered glass, wiper and washer, curved front and top glass and Work Assist Rail.

Top screen with laminated safety glass, LED Dome light, Roll-up overhead sunshade and DIN 1 slot for radio.

Rear screen with tempered glass, defrost with 15 minute auto off timer, wiper and washer, tilting window, fold down rear panel with storage area and cabin pressure relief mechanism.

Removable doors with gas spring and door locks, two-way sliding windows on both sides, side windows with tempered glass, storage pockets in both doors and 12 Volt DC plug. Seat deck cover insolation from heat and noise.

Door mounted cabin heater with temperature control, washable filter element, and 3-speed fan. Three adjustable outlets: foot, operator, defrost.

Hard Cabin Options

- 1. Headlights
 - 12V LED
 - Dipped / low beam
 - Turn / indicator lights
 - Hazard flashing lights
- 2. Tail lights
 - 12V LED at lower rear
 - Turn / indicator lights
 - Hazard flashing lights
- 3. Media ready option
 - DIN 1 slot for radio
 - Two overhead speakersAntenna
 - Power harness
- Single or two piece
 Polycarbonate lower door
 panel

Soft Cabin

Front screen with tempered glass, wiper and washer, curved front and top glass and tubular handles for entry and exit and Work Assist options.

Polycarbonate top screen mounted on top of OHG, PVC zipper type cabin rear with large window, PVC zipper type roll-up doors with large windows. Cabin height increased by 17 mm.

Partial Cabin

Same features as soft cabin, but without doors.

Windshield only

Tempered safety glass clamped to Overhead Guard equipped with wiper and washer, harness and entry assist handles.

Driveability

A wide entry step at low height greatly improves entry/exit on both sides of the truck.

The V-contoured engine cover allows the operator to easily glide into the truck's seat.

The curved posts of the overhead guard open up the entry/exit window and provide a comfortable grip location for a

C-5 Series

variety of operator heights. Further facilitating entry/exit is a spring-loaded, tilt steering column that easily moves up and away. The spacious floor board is uncluttered and includes a webbed floor mat that insulates the operator from vibration and heat.

Additional operator comfort is achieved through reduced inching and brake pedal efforts along with a lower pedal height off the floor.

Crown's Intrinsic Stability System achieves improved operator confidence through a proactive approach to safety and stability. Integrated into the truck's components and control system, Crown's Intrinsic Stability System includes the following features:

- Greater mass and low centre of gravity
- Tilt interlock
- Tilt speed control
- Stalled engine braking and steering
- Hill hold
- Ramp speed control

The C-5 features excellent visibility everywhere you look: a low front dash board for fork and carriage visibility, a high visibility mast, a compact steering column, a sculpted floorboard design, an overhead guard top plate and bar configuration and a low LPG bottle height. The control handles are crafted into the compartment and designed to provide tactile feedback for easy selection. Actuation forces are minimal and responsive. The switch operated parking brake with tone alert enhances operator entry/exit and naturally encourages its use.

A large convex horn button is housed in the center of the steering wheel. Isolation systems for the engine and the operator cell virtually eliminate all vibrations to the operator. Hot air is directed away from the operator by a large counterweight opening with a wedge deflector.

Powertrain

Derived from a diesel engine, the C-5 Series features an industrial in-line 4 cylinder 2.4L emissions compliant LPG engine with a unregulated catalytic converter as standard. Optionally available is a specific 3-way catalytic converter designed to reduce carbon monoxide, hydrocarbons and oxides of nitrogen.

The heavy duty industrial engine includes a heat resistant cast iron block and head. The 7.6 liter oil capacity and standard engine oil cooler offer additional cooling for improved thermal capacity and extended component life. A gear-driven valve train and auxiliary pump eliminates belt or chain adjustments. Operator comfort is further increased through internal balancing of the engine.

The Carraro TA135 single speed hydrodynamic power shift transmission offers an optimised gear construction for low noise and vibrations and increased efficiency. The robust design of the Carraro transmission includes forged gears and drive shaft, ductile iron axle, differential support housings and high temperature seals and o-rings, all contributing to increased life and durability.

Cooling

A standard Dual Open-Core
Radiator offers separate cooling
for the engine and transmission
and is isolated from the truck,
separating it from impact and
improving radiator life. The open
core feature offers large spacing
between cooling fins for reduced
clogging. Air flow is maximised
by a ten-blade fan that increases
radiator performance and
efficiency.

The full fan shroud surrounds the radiator core surface. Its two-piece design aids in serviceability and is sealed to prevent air flow from bypassing the radiator core. Air flow is further maximised by the custom venturi design that directs air over the entire surface of the radiator. Crown's optional

On-Demand Cooling System delivers precise cooling and radiator clearing for economical savings and uptime in harsh environment applications. Precise cooling is achieved through an independent radiator fan that automatically adjusts its speed to manage engine and transmission temperatures. The independent fan also allows for optimal radiator clearing by reversing its direction at engine start.

Power Brake

The Crown Power Brake is a unique hydraulic powered, full circle brake with few parts and larger friction areas that contribute to longer brake life. This design reduces operator pedal effort, improves brake responsiveness and features direct and easy access to the friction pad, which reduces downtime for brake maintenance.

The parking brake is an integral part of the service brake and is activated by a one-touch push button located on the dashboard to the right of the steer wheel column. An audible alarm reminder is standard.

Hydraulics

The C-5 Series premium hydraulic function control valve provides a precise metering of lift, tilt and accessory functions. Operator stress is reduced through minimal hydraulic lever actuation.

Crown's lift/tilt interlock system provides extended forward tilt at low fork heights and reduced forward tilt at elevated heights for improved truck stability. The interlock system also inhibits accidental hydraulic functions when the operator is out of the seat. The tilt compensator maintains proper tilt speed control under all load conditions.

Maximum lowering speed is limited by a pressure compensating flow control valve and velocity fuses. Integrated hydraulic cylinder cushions soften mast staging. All lift cylinder rams are plated and when the forks are lowered, retract into the hydraulic oil for additional corrosion protection.

The steel oil reservoir is integral to the frame, aiding in the dissipation of hydraulic oil heat. This clean, leak-free design includes a suction strainer with separate, easily accessible fill port and dipstick with a dual filtered breather. Hydraulic oil is returned through an environmentally friendly cartridge filter, which is easily serviced.

A 2-stage filtration system on the breather/dipstick offers superior protection from contamination to the hydraulic oil and from oil misting, which could create a dirty residue on the inside of the engine compartment.

The steering and power brake systems are also hydraulic powered, assisting in the reduction of operator fatigue and improved productivity.

Mast Assembly

The heavy-duty mast of the C-5 Series is engineered to provide smooth, reliable operation without compromising strength or quality. The large, rugged mast trunnions are mounted on the drive axle. Securing the mast are extra heavy tilt cylinders with self-aligning bushings. Crown's high visibility mast features a nested-rail design with lift cylinders positioned behind the rails.

Inline hose routing also reduces visual interference. Large hydraulic hose pulleys and hose placement are engineered to reduce hose wear and increase hose life. Large lift chains are used for long reliable service life.

Carriage

A FEM / ISO / ITA Class II A carriage is standard on C-5 2.0 and C-5 2.5 model range, a FEM / ISO / ITA Class III A carriage is standard on C-5 3.0 models.

An optional hook-on type ISO sideshifter or other attachments are easy to add.

Steering

A fully hydrostatic steering system with equal area and double-acting cylinder provides an equally responsive steering rate both ways (4.8 turns lock to lock). The rugged axle frame, forged spindle and connecting links eliminate the need for adjustment. A two-piece spindle and kingpin with tapered roller bearings improves life and serviceability. Spherical bearings with straight pins in the connecting links eliminate any play in the linkage. All bearing locations are sealed to exclude contaminants and are equipped with lubrication fittings for ease of service.

Electrical System

The C-5 Series comes with a severe duty wet cell battery. Exclusive on-board information and diagnostics system includes fully integrated Access 1 2 3* Comprehensive System Control with CAN Bus communication. Features include:

- Engine diagnostics
- Truck level diagnostics
- Component analyser
- Password protection
- Speed control features
- Performance modes

Crown display is fully integrated, giving the operator and service technician real time information and messaging for event codes, fuel level, truck hours or real time speed. The alpha-numeric display serves as the communication nerve centre with the following indicator lights:

- Alternator/battery
- Malfunction
- Seat belt
- Park brake status
- Low oil pressure
- High transmission temperature
- Engine coolant temperature
- Multi-stage fuel level lights

All wire harnesses are wrapped with corrugated sleeving and are fully sealed with ultrasonically welded connections for improved reliability and durability.

All electrical connectors are sealed to IP67.

Safety Regulations

Conforms to European safety standards.

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.



