

autovictor

 *Keep on moving to the future.*

TELESCOPIC HANDLERS

STILL RCD 25



RCD/RCG Technical Data

Diesel and LPG Forklift Trucks

RCD/RCG 15/18/20

RCD/RCG 25/30/35

RCD/RCG 40/50





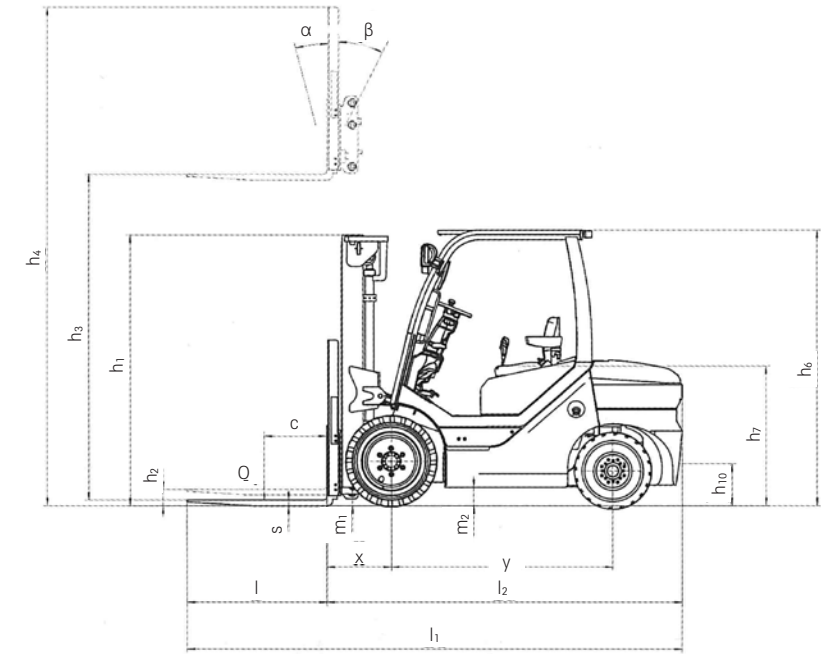
Features	1.1	Manufacturer				STILL	STILL	STILL	STILL	STILL	STILL	STILL	STILL
	1.2	Manufacturer's type designation				RCD 15	RCD 18	RCD 20	RCD 25	RCD 30	RCD 35	RCD 40	RCD 50
	1.2.1	Manufacturer's type number				4211	4212	4213	4221	4222	4223	4231	4233
	1.3	Drive				Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	1.4	Operation				Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load		Q	kg	1500	1800	2000	2500	3000	3500	4000	5000
	1.6	Load centre distance		c	mm	500	500	500	500	500	500	500	500
	1.8	Load distance		x	mm	435	435	435	479	484	489	562	567
	1.9	Wheel base		y	mm	1500	1500	1500	1700	1700	1700	2000	2000
Weights	2.1	Service weight			kg	3100	3250	3320	4050	4500	4980	6800	7340
	2.2	Axle load, laden		front/rear	kg	3800/600	4370/680	4460/800	5820/730	6580/920	7280/1200	9627/1243	11000/1420
	2.3	Axle load, unladen		front/rear	kg	1080/2020	1320/1930	1300/2020	1530/2520	1800/2700	1680/3300	2731/3676	3120/4200
Tyres/chassis	3.1	Tyres				Superelastic	Superelastic	Superelastic	Superelastic	Superelastic	Superelastic	Superelastic	Superelastic
	3.2	Tyre size		front		6.50-10/14PR	6.50-10/14PR	6.50-10/14PR	28*9-15/14PR	28*9-15/14PR	28*9-15/14PR	300*15/20PR	300*15/20PR
	3.3	Tyre size		rear		5.00-8/10PR	5.00-8/10PR	5.00-8/10PR	6.50-10/10PR	6.50-10/10PR	6.50-10/10PR	7.00-12/12PR	7.00-12/12PR
	3.5	Wheels, number (x = driven wheels)		front/rear		2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2
	3.6	Track width		front	b ₁₀	mm	940	940	940	1000	1000	1060	1180
Basic dimensions	3.7	Track width		rear	b ₁₁	mm	920	920	920	970	970	1190	1190
	4.1	Tilt of mast/fork carriage		forward/backward	α/β	°	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	4.2	Height of mast		mast lowered	h ₁	mm	2002	2002	2002	2080	2080	2230	2390
	4.3	Free lift			h ₂	mm	128	128	128	140	145	150	150
	4.4	Lift			h ₃	mm	3000	3000	3000	3000	3000	3000	3000
	4.5	Height of mast		mast extended	h ₄	mm	4040	4040	4040	4040	4273	4273	4275
	4.7	Height above protective roof (cab)			h ₆	mm	2085	2085	2085	2110	2110	2110	2260
	4.8	Seat height relating to SIP/stand height			h ₇	mm	1140	1140	1140	1165	1165	1165	1315
	4.12	Coupling height			h ₁₀	mm	220	220	220	300	300	300	380
	4.19	Overall length			l ₁	mm	3282	3316	3490	3730	3780	3880	4180
	4.20	Length including fork backs			l ₂	mm	2362	2396	2420	2660	2710	2810	3110
	4.21	Overall width			b ₁	mm	1140	1140	1140	1225	1225	1285	1485
	4.22	Fork dimensions		s/e/l	mm	35/120/1070	35/120/1070	40/122/1070	40/122/1070	45/125/1070	50/125/1070	50/150/1070	55/150/1070
	4.23	Fork carriage ISO 2328, class/type A, B				II A	II A	II A	II A	III A	III A	III A	III A
	4.24	Fork carriage width			b ₃	mm	1040	1040	1040	1040	1100	1100	1380
	4.31	Ground clearance, laden, below mast			m ₁	mm	110	110	110	135	135	135	145
	4.32	Ground clearance, centre of wheelbase			m ₂	mm	105	105	105	140	140	140	180
	4.33	Aisle width for pallets 1000 x 1200 crossways			A _{st}	mm	3795	3815	3835	4119	4144	4229	4552
	4.34	Aisle width for pallets 800 x 1200 lengthways			A _{st}	mm	3995	4015	4035	4319	4344	4429	4752
	4.35	Turning radius			W _a	mm	2160	2180	2200	2440	2460	2540	2790
4.36	Smallest pivot point distance			b ₁₃	mm	601	601	601	810	810	810	900	
Performance data	5.1	Driving speed		laden/unladen		km/h	17/17	17/17	17/17	18/18	18/18	24/25	24/25
	5.2	Lifting speed		laden/unladen		m/s	0.65/0.76	0.59/0.76	0.53/0.76	0.57/0.59	0.52/0.58	0.46/0.56	0.44/0.53
	5.3	Lowering speed		laden/unladen		m/s	0.48/0.43	0.48/0.43	0.48/0.43	0.48/0.40	0.48/0.40	0.48/0.40	0.42/0.36
	5.5	Drawbar pull		laden/unladen		kN	16/10	16/10	16/10	19/16	19/16	19/16	25/23
	5.7	Gradeability		laden/unladen		%	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	5.9	Acceleration time		laden/unladen		s	5.4/4.8	5.4/4.8	5.4/4.8	4.9/4.3	4.9/4.3	4.9/4.3	5.8/4.8
	5.10	Service brake					Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic
IC engine	7.1	Acceleration time					Doosan	Doosan	Doosan	Doosan	Doosan	Doosan	Deutz
	7.1.1	Type					DM02	DM02	DM02	DM02	DM02	DM02	TCD2.9 L4
	7.2	Engine performance in accordance with ISO 1585			kW	36.4	36.4	36.4	36.4	36.4	36.4	55.4	55.4
	7.3	Nominal speed			1/min	2400	2400	2400	2400	2400	2400	2300	2300
	7.4	Number of cylinders				4	4	4	4	4	4	4	4
	7.4.1	Capacity			cm³	2400	2400	2400	2400	2400	2400	2400	2900
		Emission level acc. to EU Regulation 2016/1628					Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
	7.5	Fuel consumption in accordance with EN 16796			l/h	1.7	1.9	2.1	3.0	3.2	4.0	4.3	4.6
	7.6	Turnover output according to EN 16796			t/h	67	75	83	110	119	122	164	173
	7.7	Turnover efficiency according to EN 16796			t/l	14	15	17	23	25	26	21	23
7.9	Vehicle electrical system voltage			V	12	12	12	12	12	12	12	12	
8.1	Type of drive unit					Torque converter	Torque converter	Torque converter	Torque converter	Torque converter	Torque converter	Torque converter	
Miscellaneous	10.1	Operating pressure for attachments			bar	165	165	165	165	165	165	200	200
	10.2	Oil volume for attachments			l/min	23	23	23	23	23	23	101	101
	10.4	Fuel tank, capacity			l	54	54	54	62	62	62	90	90
	10.7	Sound pressure level L _{pAz} ¹ (operator's position)			dB(A)	88	88	88	84	84	84	85	85
	10.7.1	Sound power level during the work cycle acc. to EN 12053			dB(A)	108	108	108	106	106	106	108	108
	10.8	Towing coupling, type DIN 15170					Bolt	Bolt	Bolt	Bolt	Bolt	Bolt	Bolt

¹ Without cab, different values with cab

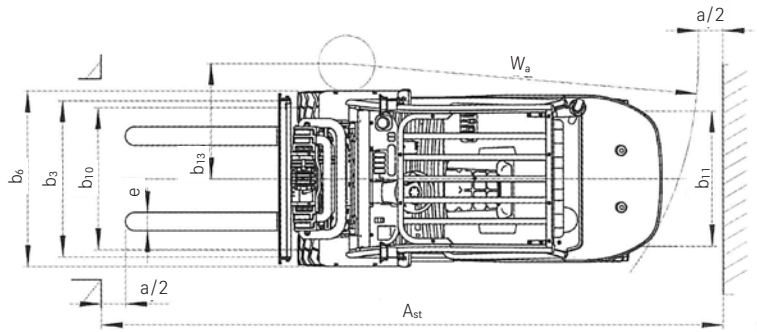
RCD/RCG Diesel and LPG Forklift Trucks

Mast Tables

				Telescopic mast					HiLo mast			Triplex mast						
RCD-RCG 15-20	Nominal lift	h_3	mm	3000	3300	4000	4500	5000	3000	3300	4000	4350	4500	4700	4800	5000	5500	6000
	Height	h_1	mm	2002	2152	2552	2802	3052	2002	2152	2552	2102	2152	2217	2252	2395	2629	2862
	Free lift	h_2	mm	128	128	128	128	128	1411	1561	1961	1489	1539	1604	1639	1782	2016	2249
	Height mast extended	h_4	mm	4041	4341	5041	5541	6041	4041	4341	5041	5391	5541	5741	5841	6041	6541	7041
	Tilt of mast forward/backward	α/β	°	6/12	6/12	6/8	6/6	3/6	6/12	6/12	6/8	6/6	6/6	6/6	6/6	6/6	3/6	3/6
	Tyres	front/rear		6,50-10/14PR/5,00-8/10PR														
	Track	front/rear	mm	940/920														
Maximum width			b_1	mm	1140													
RCD-RCG 25	Nominal lift	h_3	mm	3000	3300	4000	4500	5000	3000	3300	4000	4350	4500	4700		5000	5500	6000
	Height	h_1	mm	2080	2230	2630	2880	3130	2080	2230	2630	2130	2180	2245		2423	2657	2890
	Free lift	h_2	mm	140	140	140	140	140	1425	1575	1975	1500	1550	1615		1793	2027	2260
	Height mast extended	h_4	mm	4040	4340	5040	5540	6040	4040	4340	5040	5390	5540	5740		6040	6540	7040
	Tilt of mast forward/backward	α/β	°	6/12	6/12	6/8	6/8	3/6	6/12	6/12	6/8	6/6	6/6	6/6	6/6	6/6	3/6	3/6
	Tyres	front/rear		28*9-15/14PR/6,50-10/14PR														
	Track	front/rear	mm	1000/970														
Maximum width			b_1	mm	1225													
RCD-RCG 30	Nominal lift	h_3	mm	3000	3300	4000	4500	5000	3000	3300	4000	4350	4500	4700		5000	5500	6000
	Height	h_1	mm	2080	2230	2630	2880	3130	2080	2230	2630	2130	2180	2245		2423	2657	2890
	Free lift	h_2	mm	145	145	145	145	145	1425	1575	1975	1500	1550	1615		1793	2027	2260
	Height mast extended	h_4	mm	4040	4340	5040	5540	6040	4040	4340	5040	5390	5540	5740		6040	6540	7040
	Tilt of mast forward/backward	α/β	°	6/12	6/12	6/8	6/8	3/6	6/12	6/12	6/8	6/6	6/6	6/6	6/6	6/6	3/6	3/6
	Tyres	front/rear		28*9-15/14PR/6,50-10/14PR														
	Track	front/rear	mm	1000/970														
Maximum width			b_1	mm	1225													
RCD-RCG 35	Nominal lift	h_3	mm	3000	3300	4000	4500	5000	3000	3300	4000	4350	4500	4700		5000	5500	6000
	Height	h_1	mm	2080	2230	2630	2880	3130	2080	2230	2630	2130	2180	2245		2423	2657	2890
	Free lift	h_2	mm	150	150	150	150	150	1430	1580	1980	1505	1555	1620		1798	2032	2265
	Height mast extended	h_4	mm	4040	4340	5040	5540	6040	4040	4340	5040	5390	5540	5740		6040	6540	7040
	Tilt of mast forward/backward	α/β	°	6/12	6/12	6/8	6/8	3/6	6/12	6/12	6/8	6/6	6/6	6/6	6/6	6/6	3/6	3/6
	Tyres	front/rear		28*9-15/14PR/6,50-10/14PR														
	Track	front/rear	mm	1060/970														
Maximum width			b_1	mm	1296													
RCD-RCG 40-50	Nominal lift	h_3	mm	3000	3300	4000	4500	5000	3000	3500	4000	3920	4350	4500	4700	5000	5500	6000
	Height	h_1	mm	2390	2540	2940	3190	3440	2390	2640	2890	2245	2390	2441	2507	2640	2807	3005
	Free lift	h_2	mm	150	150	150	150	150	1544	1794	2044	1399	1544	1595	1661	1794	1961	2159
	Height mast extended	h_4	mm	4275	4575	5275	5775	6275	4275	4775	5275	5195	5625	5775	5975	6275	6771	7275
	Tilt of mast forward/backward	α/β	°	6/12	6/12	6/8	6/6	3/6	6/12	6/12	6/8	6/6	6/6	6/6	6/6	6/6	3/6	3/6
	Tyres	front/rear		28*9-15/14PR/6,50-10/10PR														
	Track	front/rear	mm	1180/1190														
Maximum width			b_1	mm	1485													



Side view

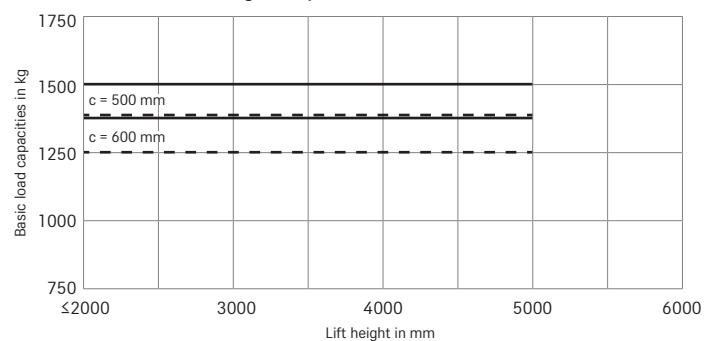


Top view

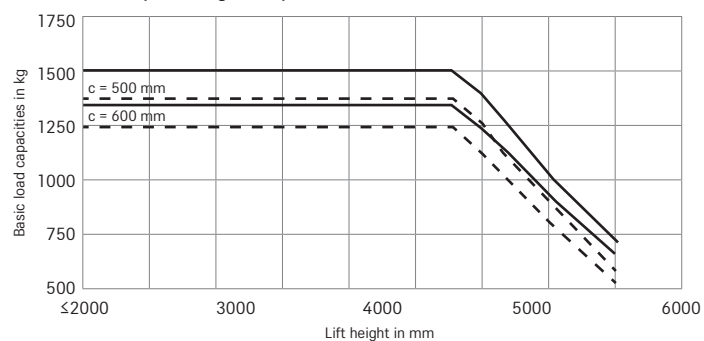
RCD/RCG Diesel and LPG Forklift Trucks

Basic Load Capacities

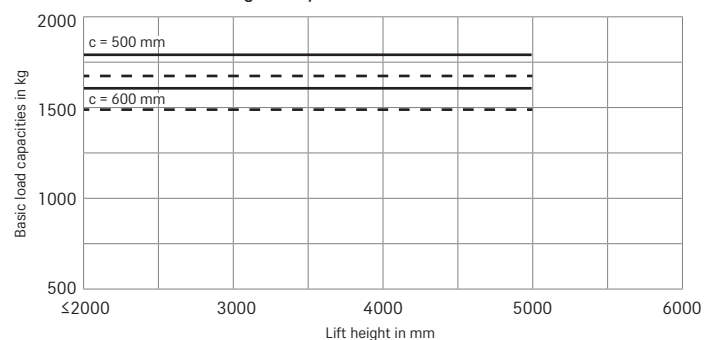
RCD/RCG 15 Tele/HiLo - single SE tyres



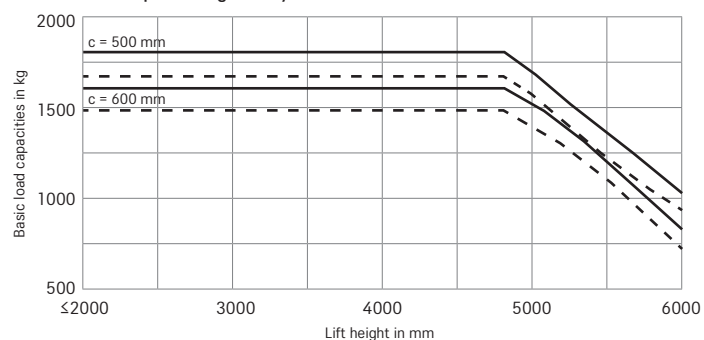
RCD/RCG 15 Triplex - single SE tyres



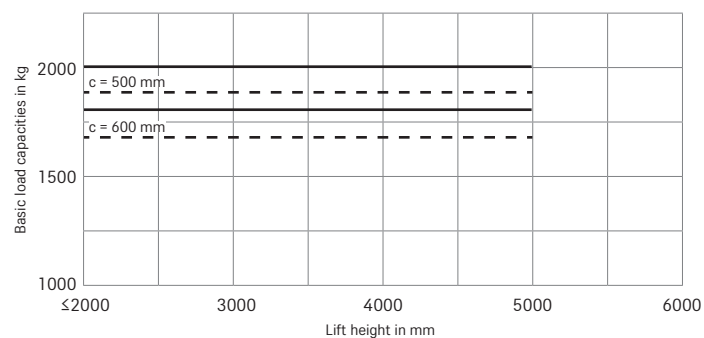
RCD/RCG 18 Tele/HiLo - single SE tyres



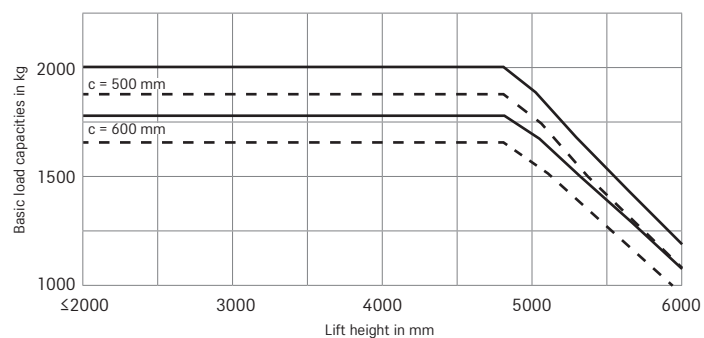
RCD/RCG 18 Triplex - single SE tyres



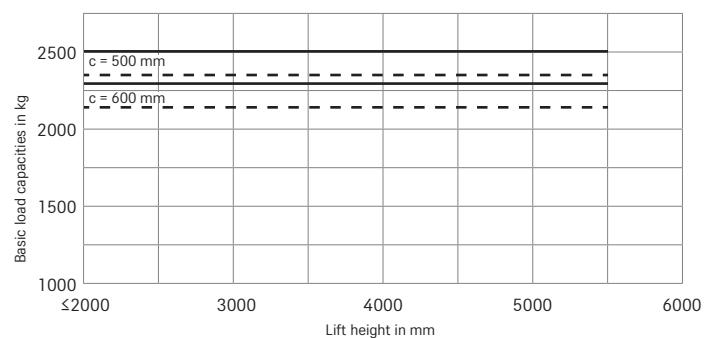
RCD/RCG 20 Tele/HiLo - single SE tyres



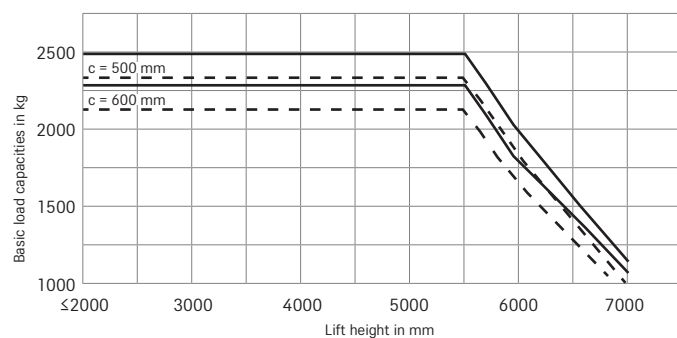
RCD/RCG 20 Triplex - single SE tyres



RCD/RCG 25 Tele/HiLo - single SE tyres



RCD/RCG 25 Triplex - single SE tyres

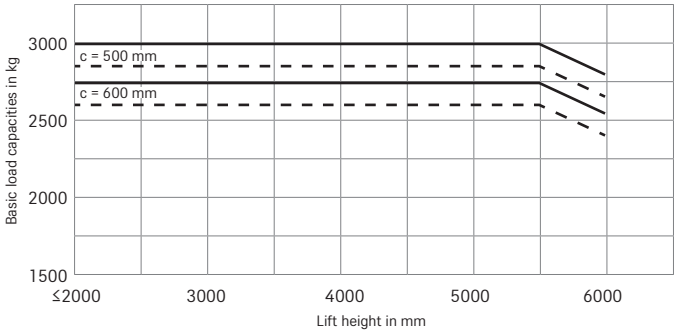


— Standard - - - With integrated sideshift forkpositioner and standard forks
The values may vary depending on the truck equipment

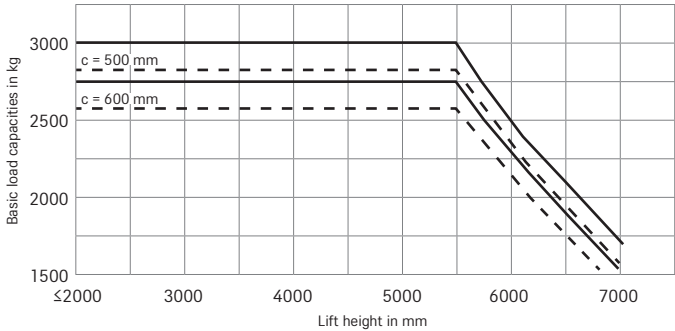
RCD/RCG Diesel and LPG Forklift Trucks

Basic Load Capacities

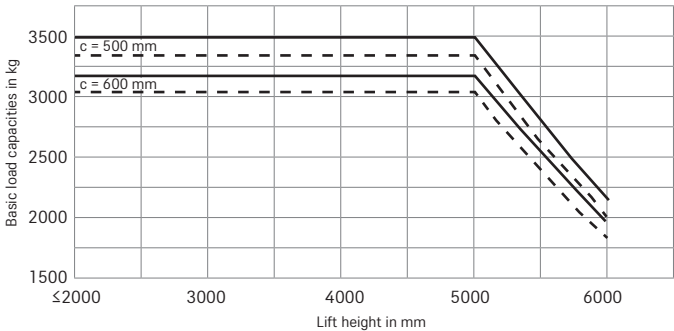
RCD/RCG 30 Tele/HiLo - single SE tyres



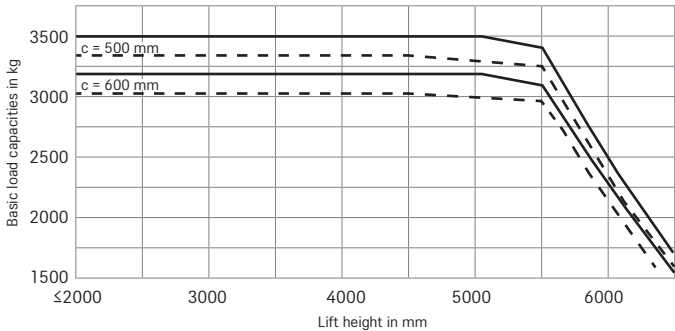
RCD/RCG 30 Triplex - single SE tyres



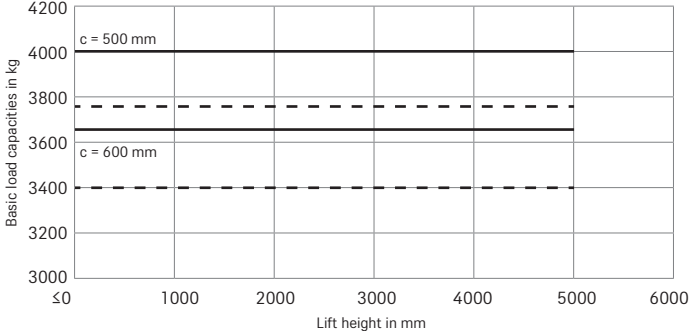
RCD/RCG 35 Tele/HiLo - single SE tyres



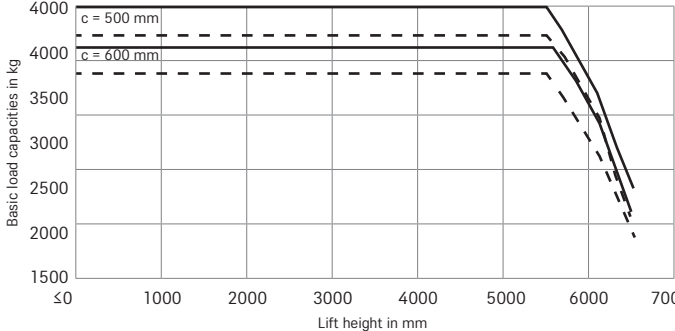
RCD/RCG 35 Triplex - single SE tyres



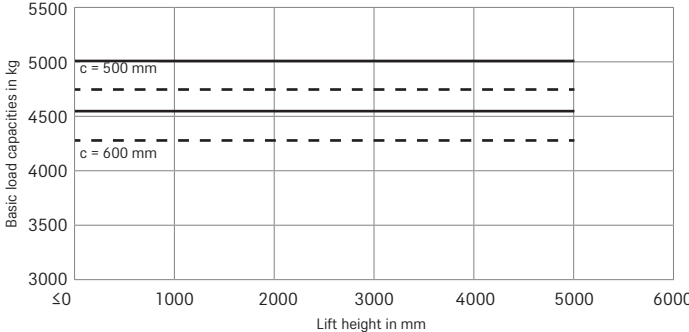
RCD/RCG 40 Tele/HiLo - single SE tyres



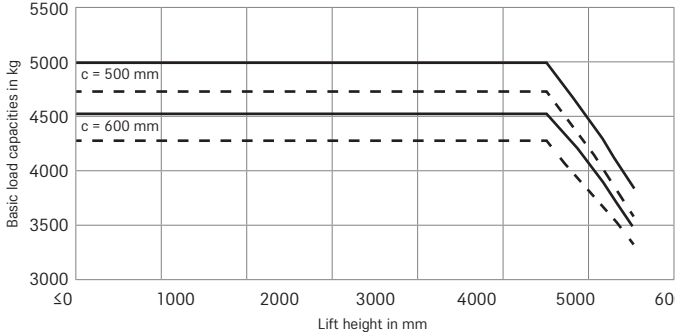
RCD/RCG 40 Triplex - single SE tyres



RCD/RCG 50 Tele/HiLo - single SE tyres



RCD/RCG 50 Triplex - single SE tyres



— Standard - - - With integrated sideshift forkpositioner and standard forks
 The values may vary depending on the truck equipment

autovictor

 *Keep on moving to the future.*

STILL RCD 25



AUTOVICTOR s.r.l.

Via Galvani 11/13

28060 San Pietro Mosezzo - Novara

Tel. +39 0321 35000

info@autovictor.it

www.autovictor.it