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RC 40-16

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RC 40-18

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RC 40-20

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RC 40-25

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RC 40-30

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RC 40-35

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## RC 40 Technical Data

Diesel and LP gas forklift trucks



This specification sheet to VDI 2198 guidelines states only the technical data for the standard equipment.  
Different tyres, other masts, additional equipment etc. could result in different values.

Characteristics	1.1	Manufacturer			STILL	STILL	STILL	STILL
	1.2	Manufacturer's model designation			RC 40-16	RC40-16 T	RC 40-18	RC 40-18 T
	1.2.1	Manufacturer's type designation			4041	4044	4042	4045
	1.3	Drive			Diesel	LPG	Diesel	LPG
	1.4	Operation			Rider seated	Rider seated	Rider seated	Rider seated
	1.5	Rated capacity	Q	kg	1600	1600	1800	1800
	1.6	Load centre	c	mm	500	500	500	500
	1.8	Load distance	x	mm	407	407	407	407
	1.9	Wheel base	y	mm	1400	1400	1400	1400
Weights	2.1	Truck weight		kg	2840	2770	2990	2920
	2.2	Axle load, laden, front		kg	3830	3800	4130	4100
	2.2.1	Axle load, laden, rear		kg	610	570	660	620
	2.3	Axle load, unladen, front		kg	1200	1170	1180	1150
	2.3.1	Axle load, unladen, rear		kg	1640	1600	1810	1770
Wheels/chassis	3.1	Tyres			SE	SE	SE	SE
	3.2	Tyre size, front			6.50-10	6.50-10	6.50-10	6.50-10
	3.3	Tyre size, rear			5.00-8	5.00-8	18 x 7-8	18 x 7-8
	3.5	Number of wheels front (x = driven)			2x	2x	2x	2x
	3.5.1	Number of wheels rear (x = driven)			2	2	2	2
	3.6	Track width, front	b <sub>10</sub>	mm	955	955	955	955
	3.7	Track width, rear	b <sub>11</sub>	mm	940	940	910	910
Basic dimensions	4.1	Tilt Mast/Fork carriage, forward	$\alpha$	°	3	3	3	3
	4.1.1	Tilt Mast/Fork carriage, rear	$\beta$	°	6	6	6	6
	4.2	Height, mast lowered	h <sub>1</sub>	mm	2210	2210	2210	2210
	4.3	Free lift	h <sub>2</sub>	mm	150	150	150	150
	4.4	Lift	h <sub>3</sub>	mm	3330	3330	3330	3330
	4.5	Height, mast raised	h <sub>4</sub>	mm	3973	3973	3973	3973
	4.7	Height over overhead guard (cab)	h <sub>6</sub>	mm	2145	2145	2145	2145
	4.8	Seat height/stand height rel. to SIP	h <sub>7</sub>	mm	1130	1130	1130	1130
	4.12	Coupling height	h <sub>10</sub>	mm	380	380	380	380
	4.19	Overall length	l <sub>1</sub>	mm	3215	3215	3272	3272
	4.20	Length including fork backs	l <sub>2</sub>	mm	2197	2197	2247	2247
	4.21	Overall width	b <sub>1</sub>	mm	1125	1125	1125	1125
	4.22	Fork thickness	s	mm	40	40	40	40
	4.22.1	Fork width	e	mm	80	80	80	80
	4.22.2	Fork length	l	mm	1000	1000	1000	1000
	4.23	Fork carriage ISO 2328, Class/Form A, B			Kl. II, Form A	Kl. II, Form A	Kl. II, Form A	Kl. II, Form A
	4.24	Fork carriage width	b <sub>3</sub>	mm	980	980	980	980
	4.31	Floor clearance under mast, laden	m <sub>1</sub>	mm	100	100	100	100
	4.32	Floor clearance, centre of wheel-base	m <sub>2</sub>	mm	127	127	127	127
4.33	Working aisle - 1000 x 1200 pallet crosswise	A <sub>st</sub>	mm	3545	3545	3595	3595	
4.34	Working aisle - 800 x 1200 pallet lengthways	A <sub>st</sub>	mm	3745	3745	3795	3795	
4.35	Turning radius	W <sub>a</sub>	mm	1935	1935	1985	1985	
4.36	Smallest pivot point distance	b <sub>13</sub>	mm	560	560	560	560	
Performance data	5.1	Travel speed laden		km/h	20	20	20	20
	5.1.1	Travel speed unladen		km/h	20	20	20	20
	5.2	Hoist speed laden		m/s	0,65	0,66	0,65	0,64
	5.2.1	Hoist speed unladen		m/s	0,69	0,70	0,69	0,70
	5.3	Lowering speed laden		m/s	0,50	0,50	0,50	0,50
	5.3.1	Lowering speed unladen		m/s	0,42	0,42	0,42	0,42
	5.5	Drawbar pull laden		N	17000	17500	17500	19500
	5.5.1	Drawbar pull unladen		N	7000	7000	7600	7600
	5.7	Gradeability laden		%	23	26	24	27
	5.7.1	Gradeability unladen		%	15	15	16	16
	5.9	Acceleration time laden		s	4,3	4,2	4,4	4,3
5.9.1	Acceleration time unladen		s	4,1	4,1	4,2	4,2	
5.10	Service brake			mech./hydr.	mech./hydr.	mech./hydr.	mech./hydr.	
Engine	7.1	Engine manufacturer			Kubota	Kubota	Kubota	Kubota
	7.1.1	Type			V 2403-M-DI	WG 2503	V 2403-M-DI	WG 2503
	7.2	Engine rating to ISO 1585		kW	36	36	36	36
	7.3	Rated speed		1/min	2600	2600	2600	2600
	7.4	No. of cylinders			4	4	4	4
	7.4.1	Swept volume		cm <sup>3</sup>	2434	2491	2434	2491
	7.5	Fuel consumption to VDI Cycle		Diesel l/h LPG kg	2,7	2,6	2,9	2,7
7.9	On-board voltage		V	12	12	12	12	
Miscellaneous	8.1	Drive control			Hydrodyn.	Hydrodyn.	Hydrodyn.	Hydrodyn.
	10.1	Working pressure for attachments		bar	160	160	160	160
	10.2	Oil volume for attachments		l/min	35	35	35	35
	10.4	Volume fuel tank		l/kg	45	11	45	11
	10.7	Sound power level L <sub>PAZ</sub> <sup>1</sup> (work cycle)		dB (A)	<83	<83	<83	<83
10.8	Towing coupler, Type/Model DIN			Pin	Pin	Pin	Pin	

<sup>1</sup> With reduced rated capacity and/or limited lift height.

This specification sheet to VDI 2198 guidelines states only the technical data for the standard equipment.  
Different tyres, other masts, additional equipment etc. could result in different values.

Characteristics	1.1	Manufacturer			STILL	STILL	STILL	STILL
	1.2	Manufacturer's model designation			RC 40-20	RC 40-20 T	RC 40-25	RC 40-25 T
	1.2.1	Manufacturer's type designation			4043	4046	4051	4054
	1.3	Drive			Diesel	LPG	Diesel	LPG
	1.4	Operation			Rider seated	Rider seated	Rider seated	Rider seated
	1.5	Rated capacity	Q	kg	2000	2000	2500	2500
	1.6	Load centre	c	mm	500	500	500	500
	1.8	Load distance	x	mm	419	419	470	470
	1.9	Wheel base	y	mm	1400	1400	1620	1620
Weights	2.1	Truck weight		kg	3270	3200	4010	3980
	2.2	Axle load, laden, front		kg	4470	4440	5420	5400
	2.2.1	Axle load, laden, rear		kg	800	760	1090	1080
	2.3	Axle load, unladen, front		kg	1158	1110	1420	1400
	2.3.1	Axle load, unladen, rear		kg	2112	2090	2590	2580
Wheels/chassis	3.1	Tyres			SE	SE	SE	SE
	3.2	Tyre size, front			6.50-10	6.50-10	7.00-12	7.00-12
	3.3	Tyre size, rear			18 x 7-8	18 x 7-8	6.50-10	6.50-10
	3.5	Number of wheels front (x = driven)			2x	2x	2x	2x
	3.5.1	Number of wheels rear (x = driven)			2	2	2	2
	3.6	Track width, front	b <sub>10</sub>	mm	955	955	1007	1007
	3.7	Track width, rear	b <sub>11</sub>	mm	910	910	940	940
Basic dimensions	4.1	Tilt Mast/Fork carriage, forward	$\alpha$	°	3	3	3	3
	4.1.1	Tilt Mast/Fork carriage, rear	$\beta$	°	6	6	9	9
	4.2	Height, mast lowered	h <sub>1</sub>	mm	2260	2260	2325	2325
	4.3	Free lift	h <sub>2</sub>	mm	150	150	160	160
	4.4	Lift	h <sub>3</sub>	mm	3350	3350	3320	3320
	4.5	Height, mast raised	h <sub>4</sub>	mm	4046	4046	3950	3950
	4.7	Height over overhead guard (cab)	h <sub>6</sub>	mm	2145	2145	2222	2222
	4.8	Seat height/stand height rel. to SIP	h <sub>7</sub>	mm	1130	1130	1212	1212
	4.12	Coupling height	h <sub>10</sub>	mm	380	380	420	420
	4.19	Overall length	l <sub>1</sub>	mm	3325	3325	3593	3593
	4.20	Length including fork backs	l <sub>2</sub>	mm	2298	2298	2593	2593
	4.21	Overall width	b <sub>1</sub>	mm	1125	1125	1180	1180
	4.22	Fork thickness	s	mm	40	40	40	40
	4.22.1	Fork width	e	mm	80	80	100	100
	4.22.2	Fork length	l	mm	1000	1000	1000	1000
	4.23	Fork carriage ISO 2328, Class/Form A, B			Kl. II, Form A	Kl. II, Form A	Kl. II, Form A	Kl. II, Form A
	4.24	Fork carriage width	b <sub>3</sub>	mm	980	980	1100	1100
	4.31	Floor clearance under mast, laden	m <sub>1</sub>	mm	100	100	125	125
	4.32	Floor clearance, centre of wheel-base	m <sub>2</sub>	mm	127	127	125	125
4.33	Working aisle - 1000 x 1200 pallet crosswise	A <sub>st</sub>	mm	3644	3644	3927	3927	
4.34	Working aisle - 800 x 1200 pallet lengthways	A <sub>st</sub>	mm	3844	3844	4127	4127	
4.35	Turning radius	W <sub>a</sub>	mm	2025	2025	2257	2257	
4.36	Smallest pivot point distance	b <sub>13</sub>	mm	560	560	590	590	
Performance data	5.1	Travel speed laden		km/h	20	20	20	20
	5.1.1	Travel speed unladen		km/h	20	20	20	20
	5.2	Hoist speed laden		m/s	0,60	0,60	0,54	0,52
	5.2.1	Hoist speed unladen		m/s	0,63	0,62	0,58	0,58
	5.3	Lowering speed laden		m/s	0,45	0,45	0,48	0,48
	5.3.1	Lowering speed unladen		m/s	0,35	0,35	0,40	0,40
	5.5	Drawbar pull laden		N	18200	22500	18600	16600
	5.5.1	Drawbar pull unladen		N	8300	8300	9800	10000
	5.7	Gradeability laden		%	25	28	24	24
	5.7.1	Gradeability unladen		%	18	18	24	24
	5.9	Acceleration time laden		s	4,6	4,5	4,8	4,8
5.9.1	Acceleration time unladen		s	4,3	4,3	4,3	4,4	
5.10	Service brake			mech./hydr.	mech./hydr.	mech./hydr.	mech./hydr.	
Engine	7.1	Engine manufacturer			Kubota	Kubota	Kubota	Kubota
	7.1.1	Type			V 2403-M-DI	WG 2503	V 2607-DI	WG 2503
	7.2	Engine rating to ISO 1585		kW	36	36	36,5	40
	7.3	Rated speed		1/min	2600	2600	2600	2600
	7.4	No. of cylinders			4	4	4	4
	7.4.1	Swept volume		cm <sup>3</sup>	2434	2491	2615	2491
	7.5	Fuel consumption to VDI Cycle		Diesel l/h LPG kg	3,1	2,9	3,3	3,3
	7.9	On-board voltage		V	12	12	12	12
Miscellaneous	8.1	Drive control			Hydrodyn.	Hydrodyn.	Hydrodyn.	Hydrodyn.
	10.1	Working pressure for attachments		bar	160	160	160	160
	10.2	Oil volume for attachments		l/min	40	40	60	60
	10.4	Volume fuel tank		l/kg	45	11	58	11
	10.7	Sound power level L <sub>PAZ</sub> <sup>1</sup> (work cycle)		dB (A)	<83	<83	<83	<83
	10.8	Towing coupler, Type/Model DIN			Pin	Pin	Pin	Pin

<sup>1</sup> With reduced rated capacity and/or limited lift height.

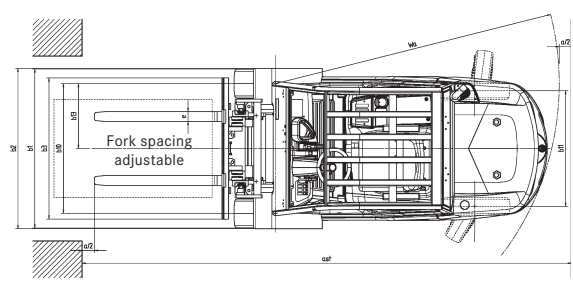
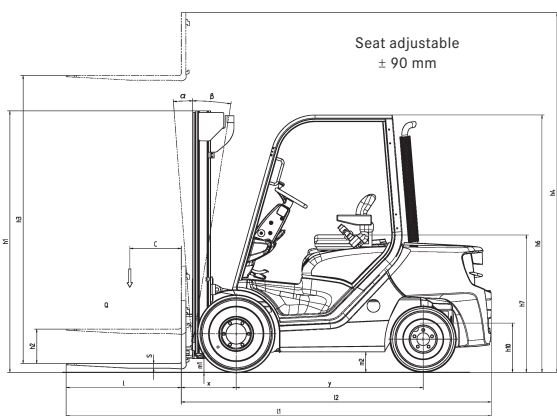
This specification sheet to VDI 2198 guidelines states only the technical data for the standard equipment.  
Different tyres, other masts, additional equipment etc. could result in different values.

Characteristics	1.1	Manufacturer			STILL	STILL	STILL	STILL
	1.2	Manufacturer's model designation			RC 40-30	RC 40-30 T	RC 40-35	RC 40-35 T
	1.2.1	Manufacturer's type designation			4052	4055	4053	4056
	1.3	Drive			Diesel	LPG	Diesel	LPG
	1.4	Operation			Rider seated	Rider seated	Rider seated	Rider seated
	1.5	Rated capacity	Q	kg	3000	3000	3500	3500
	1.6	Load centre	c	mm	500	500	500	500
	1.8	Load distance	x	mm	490	490	490	490
	1.9	Wheel base	y	mm	1620	1620	1620	1620
Weights	2.1	Truck weight		kg	4450	4430	5030	5010
	2.2	Axle load, laden, front		kg	6320	6310	7310	7300
	2.2.1	Axle load, laden, rear		kg	1130	1120	1220	1210
	2.3	Axle load, unladen, front		kg	1490	1480	1630	1620
	2.3.1	Axle load, unladen, rear		kg	2960	2950	3400	3390
Wheels/chassis	3.1	Tyres			SE	SE	SE	SE
	3.2	Tyre size, front			27 x 10-12	27 x 10-12	27 x 10-12	27 x 10-12
	3.3	Tyre size, rear			6.50-10	6.50-10	6.50-10	6.50-10
	3.5	Number of wheels front (x = driven)			2x	2x	2x	2x
	3.5.1	Number of wheels rear (x = driven)			2	2	2	2
	3.6	Track width, front	b <sub>10</sub>	mm	1057	1057	1057	1057
	3.7	Track width, rear	b <sub>11</sub>	mm	940	940	940	940
Basic dimensions	4.1	Tilt Mast/Fork carriage, forward	α	°	3	3	3	3
	4.1.1	Tilt Mast/Fork carriage, rear	β	°	9	9	9	9
	4.2	Height, mast lowered	h <sub>1</sub>	mm	2325	2325	2325	2325
	4.3	Free lift	h <sub>2</sub>	mm	160	160	160	160
	4.4	Lift	h <sub>3</sub>	mm	3320	3320	3120	3120
	4.5	Height, mast raised	h <sub>4</sub>	mm	4100	4100	4000	4000
	4.7	Height over overhead guard (cab)	h <sub>6</sub>	mm	2222	2222	2222	2222
	4.8	Seat height/stand height rel. to SIP	h <sub>7</sub>	mm	1212	1212	1212	1212
	4.12	Coupling height	h <sub>10</sub>	mm	420	420	420	420
	4.19	Overall length	l <sub>1</sub>	mm	3713	3713	3763	3763
	4.20	Length including fork backs	l <sub>2</sub>	mm	2713	2713	2763	2763
	4.21	Overall width	b <sub>1</sub>	mm	1305	1305	1305	1305
	4.22	Fork thickness	s	mm	50	50	50	50
	4.22.1	Fork width	e	mm	120	120	120	120
	4.22.2	Fork length	l	mm	1000	1000	1000	1000
	4.23	Fork carriage ISO 2328, Class/Form A, B			Kl. III, Form A	Kl. III, Form A	Kl. III, Form A	Kl. III, Form A
	4.24	Fork carriage width	b <sub>3</sub>	mm	1100	1100	1100	1100
	4.31	Floor clearance under mast, laden	m <sub>1</sub>	mm	125	125	125	125
	4.32	Floor clearance, centre of wheel-base	m <sub>2</sub>	mm	140	140	140	140
4.33	Working aisle - 1000 x 1200 pallet crosswise	A <sub>st</sub>	mm	4028	4028	4078	4078	
4.34	Working aisle - 800 x 1200 pallet lengthways	A <sub>st</sub>	mm	4228	4228	4278	4278	
4.35	Turning radius	W <sub>a</sub>	mm	2338	2338	2388	2388	
4.36	Smallest pivot point distance	b <sub>13</sub>	mm	645	645	645	645	
Performance data	5.1	Travel speed laden		km/h	20	20	20	20
	5.1.1	Travel speed unladen		km/h	20	20	20	20
	5.2	Hoist speed laden		m/s	0,52	0,50	0,49	0,48
	5.2.1	Hoist speed unladen		m/s	0,58	0,58	0,58	0,58
	5.3	Lowering speed laden		m/s	0,48	0,48	0,48	0,48
	5.3.1	Lowering speed unladen		m/s	0,40	0,40	0,44	0,44
	5.5	Drawbar pull laden		N	19200	17000	20000	17900
	5.5.1	Drawbar pull unladen		N	10400	10500	10800	11000
	5.7	Gradeability laden		%	22	21	22	20
	5.7.1	Gradeability unladen		%	21	21	18	18
5.9	Acceleration time laden		s	5,2	5,2	5,7	5,7	
5.9.1	Acceleration time unladen		s	4,6	4,6	4,9	4,8	
5.10	Service brake			mech./hydr.	mech./hydr.	mech./hydr.	mech./hydr.	
Engine	7.1	Engine manufacturer			Kubota	Kubota	Kubota	Kubota
	7.1.1	Type			V 2607-DI	WG 2503	V 2607-DI	WG 2503
	7.2	Engine rating to ISO 1585		kW	36,5	40	36,5	40
	7.3	Rated speed		1/min	2600	2600	2600	2600
	7.4	No. of cylinders			4	4	4	4
	7.4.1	Swept volume		cm <sup>3</sup>	2615	2491	2615	2491
	7.5	Fuel consumption to VDI Cycle		Diesel l/h LPG kg	3,6	3,8	3,9	4,3
7.9	On-board voltage		V	12	12	12	12	
Miscellaneous	8.1	Drive control			Hydrodyn.	Hydrodyn.	Hydrodyn.	Hydrodyn.
	10.1	Working pressure for attachments		bar	160	160	160	160
	10.2	Oil volume for attachments		l/min	60	60	60	60
	10.4	Volume fuel tank		l/kg	58	11	58	11
	10.7	Sound power level L <sub>PAZ</sub> <sup>1</sup> (work cycle)		dB (A)	<83	<83	<83	<83
	10.8	Towing coupler, Type/Model DIN			Pin	Pin	Pin	Pin

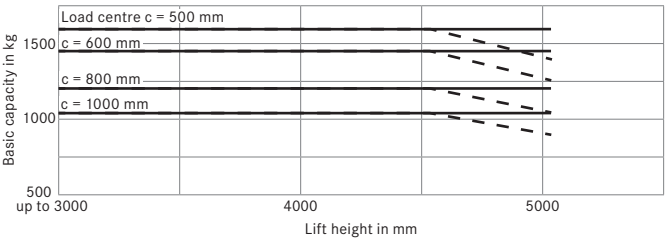
<sup>1</sup> With reduced rated capacity and/or limited lift height.

			Tele mast		HiLo mast	Triplex mast		
RC 40-16	Rated lift	$h_3$	mm	3330-4030	4530-5030	2875-3975	4155-5205	5755-6955
	Overall height	$h_1$	mm	2210-2560	2810-3060	1960-2510	1960-2310	2560-2960
	Free lift	$h_2$	mm	150	150	1312-1862	1312-1662	1912-2312
	Greatest height	$h_4$	mm	3973-4673	5173-5673	3543-4643	4838-5888	6438-7638
	Forward tilt	$\alpha$	°	3				
	Back tilt	$\beta$	°	6				
	Fork spacing centre to centre		mm	216 / 368 / 445 / 521 / 673 / 760				
	Greatest width	B	mm	1120				
	Overall length	$L_2$	mm	2215			2240	
	Load distance	x	mm	395			420	
	Working aisle width	$A_{st}$	mm	(1000 x 1200) 3565 / (800 x 1200) 3765			(1000 x 1200) 3590 / (800 x 1200) 3790	
	Tyres	v		6.50-10				
	Tyres	h		5.00-8				
Track	v	mm	955					
Track	h	mm	940					
RC 40-18	Rated lift	$h_3$	mm	3330-4030	4530-5030	2875-3975	4155-5205	5755-6955
	Overall height	$h_1$	mm	2210-2560	2810-3060	1960-2510	1960-2310	2560-2960
	Free lift	$h_2$	mm	150	150	1312-1862	1312-1662	1912-2312
	Greatest height	$h_4$	mm	3973-4673	5173-5673	3543-4643	4838-5888	6438-7638
	Forward tilt	$\alpha$	°	3				
	Back tilt	$\beta$	°	6				
	Fork spacing centre to centre		mm	216 / 368 / 445 / 521 / 673 / 760				
	Greatest width	B	mm	1120				
	Overall length	$L_2$	mm	2272			2298	
	Load distance	x	mm	400			425	
	Working aisle width	$A_{st}$	mm	(1000 x 1200) 3615 / (800 x 1200) 3815			(1000 x 1200) 3640 / (800 x 1200) 3840	
	Tyres	v		6.50-10				
	Tyres	h		18 x 7-8				
Track	v	mm	955					
Track	h	mm	910					
RC 40-20	Rated lift	$h_3$	mm	3350-4050	4550-5050	2970-3970	4165-6865	
	Overall height	$h_1$	mm	2260-2610	2860-3110	2010-2510	1960-2860	
	Free lift	$h_2$	mm	150	150	1455-1955	1405-2305	
	Greatest height	$h_4$	mm	3925-4625	5125-5625	3545-4545	4755-7455	
	Forward tilt	$\alpha$	°	3				
	Back tilt	$\beta$	°	9	6	9	6	
	Fork spacing centre to centre		mm	216 / 368 / 445 / 521 / 673 / 760				
	Greatest width	B	mm	1120				
	Overall length	$L_2$	mm	2325			2350	
	Load distance	x	mm	410			435	
	Working aisle width	$A_{st}$	mm	(1000 x 1200) 3730 / (800 x 1200) 3930			(1000 x 1200) 3755 / (800 x 1200) 3955	
	Tyres	v		6.50-10				
	Tyres	h		18 x 7-8				
Track	v	mm	955					
Track	h	mm	910					
RC 40-25	Rated lift	$h_3$	mm	3320-4220	4620-5120	2890-4090	4180-4480	4780-6280
	Overall height	$h_1$	mm	2325-2775	2975-3225	2075-2675	2075-2175	2275-2775
	Free lift	$h_2$	mm	160	160	1440-2040	1440-1540	1640-2140
	Greatest height	$h_4$	mm	3950-4850	5250-5750	3520-4720	4825-5125	5425-6925
	Forward tilt	$\alpha$	°	3				
	Back tilt	$\beta$	°	9	6	9	9	6
	Fork spacing centre to centre		mm	216 / 368 / 445 / 521 / 673 / 805				
	Greatest width	B	mm	1180			1305	
	Overall length	$L_2$	mm	2593			2618	
	Load distance	x	mm	470			495	
	Working aisle width	$A_{st}$	mm	(1000 x 1200) 3927 / (800 x 1200) 4127			(1000 x 1200) 3952 / (800 x 1200) 4152	
	Tyres	v		7.00-12				
	Tyres	h		6.50-10				
Track	v	mm	1007					
Track	h	mm	940					
RC 40-30	Rated lift	$h_3$	mm	3320-4220	4620-5120	2890-4090	4180-4480	4780-6430
	Overall height	$h_1$	mm	2325-2775	2975-3225	2075-2675	2075-2175	2275-2825
	Free lift	$h_2$	mm	160	160	1440-2040	1440-1540	1640-2190
	Greatest height	$h_4$	mm	4100-5000	5400-5900	3555-4755	4860-5160	5460-7110
	Forward tilt	$\alpha$	°	3				
	Back tilt	$\beta$	°	9	6	9	9	6
	Fork spacing centre to centre		mm	216 / 368 / 445 / 521 / 673 / 800				
	Greatest width	B	mm	1305				
	Overall length	$L_2$	mm	2713			2728	
	Load distance	x	mm	490			515	
	Working aisle width	$A_{st}$	mm	(1000 x 1200) 4028 / (800 x 1200) 4228			(1000 x 1200) 4053 / (800 x 1200) 4253	
	Tyres	v		27 x 10-12				
	Tyres	h		6.50-10				
Track	v	mm	1057					
Track	h	mm	940					

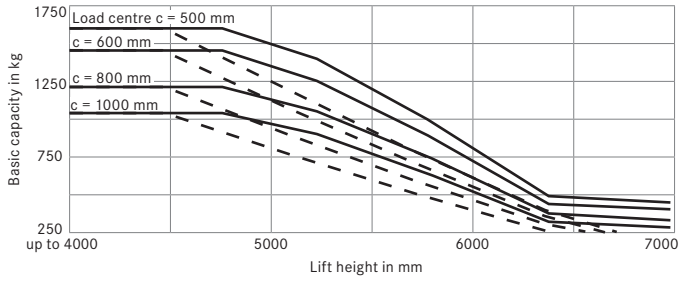
			Tele mast		HiLo mast	Triplex mast			
RC 40-30	Rated lift	$h_3$	mm	3120-4020	4420-4920	2690-3890	3880-4180	4480-6130	
	Overall height	$h_1$	mm	2325-2775	2975-3225	2075-2675	2075-2175	2275-2825	
	Free lift	$h_2$	mm	160	160	1340-1940	1340-1140	1540-2090	
	Greatest height	$h_4$	mm	4000-4900	5300-5800	3455-4655	4560-4860	5160-6810	
	Forward tilt	$\alpha$	°	3					
	Back tilt	$\beta$	°	9	6	9	9	6	
	Fork spacing centre to centre		mm	216 / 368 / 445 / 521 / 673 / 800					
	Greatest width	B	mm	1305					
	Overall length	$L_2$	mm	2763			2778		
	Load distance	x	mm	490			515		
	Working aisle width	$A_{st}$	mm	(1000 x 1200) 4078 / (800 x 1200) 4278			(1000 x 1200) 4103 / (800 x 1200) 4303		
	Tyres	v		27 x 10-12					
	Tyres	h		6.50-10					
	Track	v	mm	1057					
	Track	h	mm	940					



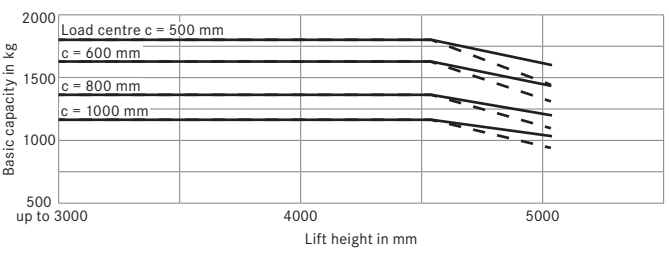
Basic capacities RC 40-16 Tele mast - SE tyres



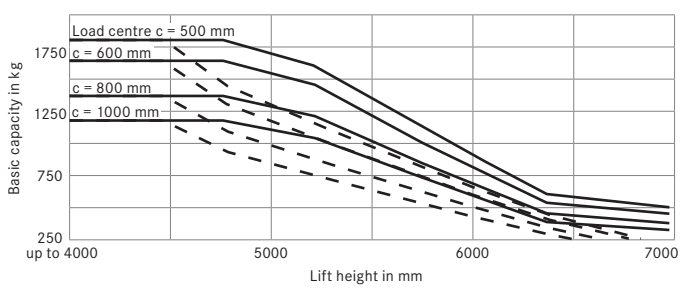
Basic capacities RC 40-16 Triplex mast - SE tyres



Basic capacities RC 40-18 Tele mast - SE tyres



Basic capacities RC 40-18 Triplex mast - SE tyres



— with standard forks - - - with integrated sideshifter and standard forks  
 Values stated can vary depending on the vehicle's additional equipment.

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RC 40 TECHNICAL DATA

Basic capacities RC 40-20 Tele mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 3000	2000	1800	1500	1300
4000	2000	1800	1500	1300
5000	1800	1600	1300	1100

Basic capacities RC 40-20 Triplex mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 4000	1800	1600	1400	1200
5000	1800	1600	1400	1200
6000	1200	1000	800	600
7000	800	600	400	200

Basic capacities RC 40-25 Tele mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 3000	2500	2300	1800	1400
4000	2500	2300	1800	1400
5000	2300	2100	1700	1300

Basic capacities RC 40-25 Triplex mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 4000	2500	2300	1800	1400
5000	2300	2100	1700	1300
6000	1800	1600	1300	1000
7000	1300	1100	800	500

Basic capacities RC 40-30 Tele mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 3000	3000	2800	2300	2000
4000	3000	2800	2300	2000
5000	2800	2600	2200	1900

Basic capacities RC 40-30 Triplex mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 4000	3000	2800	2300	2000
5000	2800	2600	2200	1900
6000	2200	2000	1700	1400
7000	1700	1500	1200	900

Basic capacities RC 40-35 Tele mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 3000	3500	3300	2800	2400
4000	3500	3300	2800	2400
5000	3300	3100	2700	2300

Basic capacities RC 40-35 Triplex mast - SE tyres

Lift height (mm)	c = 500 mm (kg)	c = 600 mm (kg)	c = 800 mm (kg)	c = 1000 mm (kg)
up to 4000	3500	3300	2800	2400
5000	3300	3100	2700	2300
6000	2500	2300	2000	1700
7000	1800	1600	1300	1000

— with standard forks    - - - with integrated sideshifter and standard forks  
 Values stated can vary depending on the vehicle's additional equipment.

## Overall concept:

Engine powered four wheeled counterbalance forklift truck with front wheel drive.

### Drive

- Internal combustion engine drive
- Modern diesel engines from Yanmar and industrial LPG engines from Nissan
- Drive axle with torque converter
- Low-wear drum brakes

### Ergonomics

- Generously laid out driver's compartment
- Damped 4-point mounting of driver's overhead guard
- High driver comfort and operating convenience due to optimal arrangement of all controls
- Excellent visibility to all sides

### Safety

- Open bar overhead guard for optimum view of the lifted load
- Low truck centre of gravity and an articulated steer axle for optimal stability
- High residual capacities even at high lifts
- Excellent driving stability when cornering - no electronic aids required

### Environment

- Low pollutant emission, compliant with Directive 97/68/EC Stage 3a

### Service

- 500 operating hours between services
- Optimal accessibility for maintenance and repairs due to wide-opening bonnet and doors\*

## Technical features:

### Driver's compartment

- Low and easy entry step which is also clearly visible when exiting
- Hand grip on overhead guard
- Large foot well with vibration inhibiting floor covering and automotive-style pedals arrangement
- Modern industrial driver's seat with optimal setting options
- Hydraulic servo steering with small steering wheel
- Twin pedal drive direction change
- Sensitive hydraulic lever to right of driver's seat
- Narrow, adjustable steering column with no distracting instrument displays
- Large display to left of steering column
- Additional functions can be enabled via switch to left of steering column

### Drive control

- Truck is free to travel only if drive direction is engaged and foot pedal is pressed, no creeping
- Combined two-stage braking/inching pedal

## Electrical system

- Automotive 12 Volt electric equipment
- Cable sets sheathed in corrugated tubing

## Mast and hydraulics

- Hydraulic pump for the working and steering hydraulics
- Wide construction, open telescopic mast with and without full free lift and as a triplex variant
- Clear view fork carriage

## Additional equipment features (Options):

### Truck equipment

- Superelastic or pneumatic tyres

### Engine

- Gas truck with alternatives of gas bottle or gas tank
- Regulated 3-way cat for LP gas truck
- Regenerative soot particle filter as a replacement filter system, spark arrester and open-loop catalytic converter for diesel truck
- Additional air filter for use in environments containing dust or fibres

### Cab equipment

- Modular cabin with roof, front and rear screen
- Rear mounted damped doors with large opening angles and sliding windows
- Screen wiper with large wiped area for front and rear screen, with screen washer
- Rear screen heater
- Exterior and interior mirrors
- Comfort seat variants with cloth cover, seat heater, lumbar support, extended backrest
- Operator restraint system with safety gate type doors

### Controls

- Drive actuated by single pedal system, drive direction selection via lever on steering column

### Electrical equipment

- Automotive style lighting also approved for use in road traffic
- Working spotlights front and/or rear on the overhead guard
- Flashing warning light on overhead guard, at top rear

### Mast and hydraulics

- Auxiliary hydraulics for actuating functions on attachments
- Various fork carriage widths and fork lengths
- Attachments to suit each type of load

\*Standard equipment or optional





## Your contact

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