

RX 70 Technical Data Diesel Forklift Trucks



RX 70-60/80 Diesel Forklift Truck Power intelligently defined

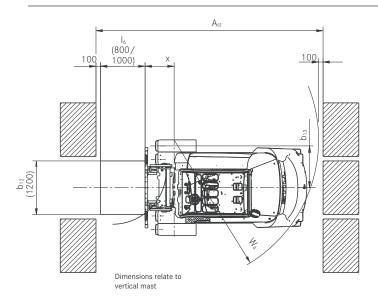
This specification sheet, which conforms to VDI guideline 2198, provides the technical values for the standard equipment only. Different tyres, other masts, the use of accessories etc. may result in other values.



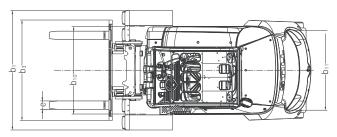
	1.1	Manufacturer				STILL	STILL	STILL	STILL
S	1.2	Manufacturer's model designation				RX 70-60	RX 70-70	RX 70-80	RX 70-80/900
ark	1.2.1	Manufacturer's type designation				7341	7342	7343	7344
ng m	1.3	Drive				Diesel	Diesel	Diesel	Diesel
shir	1.4	Operation				Seated	Seated	Seated	Seated
Distinguishing marks	1.5	Nominal load capacity/load		Q	kg	6000	7000	8000	8000
isti	1.6	Load centre		С	mm	600	600	600	900
	1.8	Load distance		Х	mm	710	720	720	750
	1.9	Wheel base		У	mm	2285	2285	2405	2480
ts	2.1	Truck weight			kg	10477	11370	12274	14690
Weights	2.2	Axle loading, laden	front/rear		kg	14854/1623	16599/1771	18396/1878	20535/2155
>	2.3	Axle loading, unladen	front/rear		kg	5415/5062	5555/5815	6006/6268	7213/7477
.s	3.1	Tyres				Superelastic	Superelastic	Superelastic	Superelastic
Tyres/chassis	3.2	Tyre size	front		mm	355/65-15	8.25-15	8.25-15	315/70-15
/ch	3.2	Tyre size	rear		mm	250-15	250-15	250-15	28 x 12.5-15
yres	3.5	Number of wheels (x = driven)	front/rear			2x/2	4x/2	4x/2	4x/2
_	3.6	Track width	front/rear	b ₁₀ /b ₁₁	mm	1306/1358	1510/1358	1510/1358	1561/1432
	4.1	Tilt of mast/fork carriage for	ward/backward	α/β	٥	5/8	5/8	5/8	5/8
	4.2	Height	mast lowered	h ₁	mm	2710	2710	2710	2710
	4.3	Free lift		h ₂	mm	150	150	150	150
	4.4	Lift		h ₃	mm	3550	3150	3150	2750
	4.5	Height	mast raised	h ₄	mm	4440	4240	4240	4140
	4.7	Height over overhead guard (cab)		h ₆	mm	2697	2697	2697	2697
	4.8	Seat height rel. to SIP		h ₇	mm	1719	1719	1719	1719
	4.12	Coupling height		h ₁₀	mm	510/660	510/660	510/660	510/660
ns	4.19	Overall length		I ₁	mm	4640	4732	4800	5520
Dimensions	4.20	Length including fork backs		12	mm	3440	3532	3600	3720
ime	4.21	Overall width		b ₁	mm	1597	1998	1998	2140
	4.22	Fork dimensions		s/e/l	mm	70/1501200	70/150/1200	70/150/1200	70/200/1800
	4.23	Fork carriage ISO 2328, Class / Form A, B				CI. IV, form A			
	4.24	Fork carriage width		b ₃	mm	1600	1800	1800	2180
	4.31	Ground clearance under mast, laden		m ₁	mm	220	220	220	220
	4.32	Ground clearance, centre of wheel base		m ₂	mm	210	210	210	210
	4.34.1	Working aisle width with pallet 1000 x 1200 c		Ast	mm	4907	4987	5056	5185
	4.34.2	Working aisle width with pallet 800 x 1200 lei	ngthways	Ast	mm	5107	5187	5256	5385
	4.35	Turning radius		Wa	mm	3007	3067	3136	3235
	4.36	Smallest pivot point distance	1 1 / 1 1	b ₁₃	mm	877	877	894	900
	5.1	Travel speed	laden/unladen		km/h	20/20	20/20	20/20	20/20
ata	5.2	Hoist speed	laden/unladen		m/s	0.51/0.51	0.42/0.44	0.42/0.43	0.41/0.43
ce d	5.3	Lowering speed	laden/unladen		m/s	0.56/0.52	0.50/0.42	0.50/0.42	0.50/0.42
nan	5.5	Traction	laden/unladen		N O	31680/31680	32540/32540	35460/35460	36750/36750
Performance data	5.7 5.9	Max. gradeability Acceleration time	laden/unladen		% S	33/32 5.4/4.9	27/30 5.5/5.0	24/30 5.6/5.1	21/29 5.7/5.1
Pel	5.9	Acceleration time	laden/unladen		5	Mechanical/	Mechanical/	Mechanical/	Mechanical/
	5.10	Service brake				hydraulic	hydraulic	hydraulic	hydraulic
	7.1	Engine manufacturer				Deutz	Deutz	Deutz	Deutz
	7.1.1	Туре				TCD 4.1	TCD 4.1	TCD 4.1	TCD 4.1
	7.2	Engine rating to ISO 1585			kW	80	80	80	80
ne	7.3	Nominal speed			1/min	2400	2400	2400	2400
engine	7.4	Number of cylinders				4	4	4	4
2	7.4.1	Swept volume			cm ³	4038	4038	4038	4038
	7.5	Fuel consumption according to VDI cycle			I/h	7.0	7.8	8.6	9.2
	7.9	On-board voltage			V	12	12	12	12
	8.1	Drive control				Diesel-electric	Diesel-electric	Diesel-electric	Diesel-electric
	10.1	Working pressure for attachments			bar	260	260	260	260
S	10.2	Oil volume for attachments			I/min	60	60	60	60
neon	10.4	Volume fuel tank			l/kg	110	110	110	110
Miscellaneous	10.7	Sound pressure level ¹ L _{pAZ} (driver's seat)			dB(A)	<75	<75	<75	<75
lisce	10.7.1	Sound power level LWAZ (work cycle)			dB(A)	<97	<97	<97	<97
2		Human vibrations 2 in accordance with EN 130	059		m/s²	0.31	0.31	0.31	0.31
	10.8	Towing coupler, Type/Model DIN				Pin	Pin	Pin	Pin

 $^{^{\}mbox{\tiny 1}}$ Without cab; higher sound level with cab

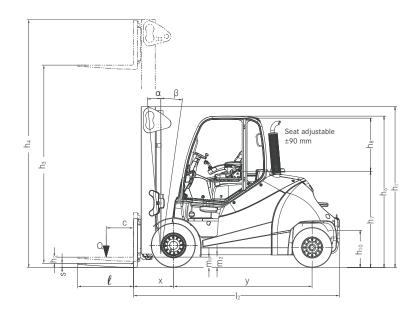
 $^{^{\}rm 2}$ With standard driver's seat



Top view



Top view



Side view

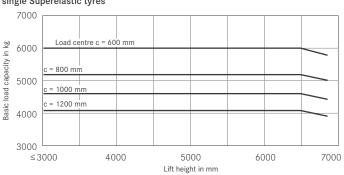


																						-
				Telescop	ic mast										Triplex mast							
	Nominal lift	h ₃	mm	3550	3850	4150	4550	4850	5250	5650	6050	6250	6450	6850	4770	5370	5820	6420	6870	7470	8070	8670
09-0	Overall height	h ₁	mm		2860	3010	3210	3360	3560	3760	3960	4060	4160	4360	2710	2860	3010	3210	3360	3560	3760	3960
	Free lift	h ₅		110	110	110	110	110	110	110	110	110	110	110	1755	1905	2055	2255	2405	2605	2805	3005
	Maximum height	h ₄		4450	4750	5050	5450	5750	6150	6550	6950	7150	7350	7750	5660	6260	6710	7310	7760	8360	8960	9560
	Tilt of mast/fork carriage forward/backward			5/8	1700	0000	0100	0700	0100	0000	0700	7100	7000	7700	5/8	0200	0710	7010	7700	0000	0,00	7000
XX	Fork lock-in position centre-centre	αγρ	mm	67/470/673/978/1181/1486 (fork carriage 1600 mm) / 1570 (fork carriage 1800 mm) / 1791 (fork carriage 2180/2400 mm) 1866 (fork carriage 2180 mm) / 1950 (fork carriage 2400 mm) / 2096 (fork carriage 2400 mm)											·							
	Tyres front/rear			,	tic 355/65-1	, ,	,	U	,,	(5	,			Superelastic 355/65-15 / Superelastic 28 x 9-15 Superelastic 355/50-20 / Superelastic 28 x 9-15							
ı		h.a/h	mm	1306/135		o / Oupere	100010 20 X 7	10							1306/1358	0,00 10, oupc	101d0t10 20 X 7 10	1364/1358		ouper cludello 20 7	() 10	
	Maximum width	b ₁₀ / b ₁₁		1599	50										1599			1647				
	Waximum Watii	D	1111111	13//											1377			1047				
				Telescopic mast Triplex mast																		
ľ	Nominal lift	h ₃	mm	3150	3450	3750	4150	4450	4850	5250	5650	5850	6050	6450	4705	5155	5605	6205	6655	7255	7855	8455
A.	Overall height	h,	mm		2860	3010	3210	3360	3560	3760	3960	4060	4160	4360	2710	2860	3010	3210	3360	3560	3760	3960
	Free lift	h ₅		110	110	110	110	110	110	110	110	110	110	110	1555	1705	1855	2055	2205	2405	2605	2805
	Maximum height	h ₄		4250	4550	4850	5250	5550	5950	6350	6750	6950	7150	7550	5795	6245	6695	7295	7745	8345	8945	9545
5	Tilt of mast/fork carriage forward/backward		0		+550	4030	3230	3330	3730	0000	0730	0/30	7130	7330	5/8	0240	00/3	12/0	7740	00+0	0743	7545
₹	The of masty fork carriage	ω, ρ			/472 /070 /1	101/1/06	(fork parriag	o 1600 mm	1 / 1570 (for	corringo 10	200 mm) / 1	701 (fork or	rriogo 2100 /	2400 mm) /		/070 /1101 /140	6 (fork corriage 16	00 mm) / 157	O (fork parriage	1000 mm) /170:	1 (fork parriage ?	(190 /2400 mm)
	Fork lock-in position centre-centre		mm	267/470/673/978/1181/1486 (fork carriage 1600 mm) / 1570 (fork carriage 1800 mm) / 1791 (fork carriage 2180/2400 mm) 1866 (fork carriage 2180 mm) / 1950 (fork carriage 2400 mm) / 2096 (fork carriage 2400 mm)											1866 (fork carriage 2180 mm) / 1950 (fork carriage 2400 mm) / 2096 (fork carriage 2400 mm)							
	Tyres front/rear				tic Twin 8.25	-15 / Supe	relastic 250-	-15							Superelastic Twin 8.25-15 / Superelastic 250-15							
L		b_{10}/b_{11}	mm	1510/13	58										1510/1358							
	Maximum width	b ₁	mm	2003											2003							
				Telescop	is most										Triplex mast							
ľ	Nominal lift	h ₃	mm	3150	3450	3750	4150	4450	4850	5250	5650	5850	6050	6450	4705	5155	5605	6205	6655	7255	7855	8455
ı,		113 h	mm		2860	3010	3210	3360	3560	3760	3960	4060	4160	4360	2710	2860	3010	3210	3360	3560	3760	3960
			111111	2/10	2000	3010	3210												2205			3900
	Overall height	h	200.000	110	110	110	110	110					110	110	1 5 5 5			20 E E		2105		2005
	Free lift	h ₅	mm		110	110	110	110	110	110	110	110	110	110	1555	1705	1855	2055		2405	2605	2805
	Free lift Maximum height	h ₄	mm	4250	110 4550	110 4850	110 5250	110 5550	110 5950	110 6350	110 6750	110 6950	110 7150	110 7550	5795	1705 6245	1855 6695	2055 7295	7745	2405 8345	2605 8945	2805 9545
	Free lift	h ₄		4250 5/8	4550	4850	5250	5550	5950	6350	6750	6950	7150	7550	5795 5/8	6245	6695	7295	7745	8345	8945	9545
	Free lift Maximum height	h ₄	mm	4250 5/8 267/470, 1866 (fork	4550 /673/978/1 k carriage 21	4850 181/1486 80 mm) / 1	5250 (fork carriag 1950 (fork ca	5550 ge 1600 mm arriage 2400	5950	6350 c carriage 18	6750 800 mm) / 1	6950	_	7550	5795 5/8 267/470/673/ 1866 (fork carri	6245 '978/1181/148 age 2180 mm) /	6 (fork carriage 16 1950 (fork carriag	7295 00 mm) / 157 ge 2400 mm) /	7745 '0 (fork carriage	8345 1800 mm) / 17	8945	9545
KX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear	h ₄	mm	4250 5/8 267/470, 1866 (fork	4550 /673/978/1	4850 181/1486 80 mm) / 1	5250 (fork carriag 1950 (fork ca	5550 ge 1600 mm arriage 2400	5950) / 1570 (for	6350 c carriage 18	6750 800 mm) / 1	6950	7150	7550	5795 5/8 267/470/673/ 1866 (fork carri	6245 '978/1181/148 age 2180 mm) /	6695 6 (fork carriage 16	7295 00 mm) / 157 ge 2400 mm) /	7745 '0 (fork carriage	8345 1800 mm) / 17	8945	9545
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear	h ₄ α/β	mm o mm	4250 5/8 267/470, 1866 (fork	4550 /673/978/1 k carriage 21 stic Twin 8.25	4850 181/1486 80 mm) / 1	5250 (fork carriag 1950 (fork ca	5550 ge 1600 mm arriage 2400	5950) / 1570 (for	6350 c carriage 18	6750 800 mm) / 1	6950	7150	7550	5795 5/8 267/470/673/ 1866 (fork carri Superelastic Tw 1510/1358	6245 '978/1181/148 age 2180 mm) /	6 (fork carriage 16 1950 (fork carriag	7295 00 mm) / 157 ge 2400 mm) /	7745 '0 (fork carriage	8345 1800 mm) / 17	8945	9545
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear	h ₄ α/β	mm o mm	4250 5/8 267/470, 1866 (fork Superelas 1510/13	4550 /673/978/1 k carriage 21 stic Twin 8.25	4850 181/1486 80 mm) / 1	5250 (fork carriag 1950 (fork ca	5550 ge 1600 mm arriage 2400	5950) / 1570 (for	6350 c carriage 18	6750 800 mm) / 1	6950	7150	7550	5795 5/8 267/470/673/ 1866 (fork carri Superelastic Tw	6245 '978/1181/148 age 2180 mm) /	6 (fork carriage 16 1950 (fork carriag	7295 00 mm) / 157 ge 2400 mm) /	7745 '0 (fork carriage	8345 1800 mm) / 17	8945	9545
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear	h ₄ α/β b ₁₀ /b ₁₁	mm o mm	4250 5/8 267/470, 1866 (fork Superelas 1510/135 2003	4550 /673/978/1 k carriage 21 stic Twin 8.25	4850 181/1486 80 mm) / 1	5250 (fork carriag 1950 (fork ca	5550 ge 1600 mm arriage 2400	5950) / 1570 (for	6350 c carriage 18	6750 800 mm) / 1	6950	7150	7550	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125	6245 '978/1181/148 age 2180 mm) /	6 (fork carriage 16 1950 (fork carriag	7295 00 mm) / 157 ge 2400 mm) /	7745 '0 (fork carriage	8345 1800 mm) / 17	8945	9545
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width	h ₄ α/β b ₁₀ /b ₁₁ b ₁	mm mm mm	4250 5/8 267/470, 1866 (fork Superelas 1510/133 2003	4550 /673/978/1 k carriage 21 ttic Twin 8.25 58	4850 181/1486 80 mm) / 1 i-15 / Supe	5250 (fork carriag 1950 (fork ca relastic 250-	5550 ge 1600 mm arriage 2400 -15	5950) / 1570 (forl mm) / 2096	6350 x carriage 18 (fork carriag	6750 300 mm) / 1 ge 2400mm)	6950 791 (fork ca	7150 arriage 2180/	7550 2400 mm) /	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast	6245 (978/1181/148 age 2180 mm) / in 315/70-15 /	6695 6 (fork carriage 16 1950 (fork carriag Superelastic 250-1	7295 000 mm) / 157 ge 2400 mm) /	7745 0 (fork carriage 2096 (fork carr	8345 1800 mm) / 17 riage 2400 mm)	8945 91 (fork carriage	9545 2180/2400 mm)
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift	h ₄ α/β b ₁₀ /b ₁₁	mm o mm mm mm	4250 5/8 267/470, 1866 (for Superelas 1510/138 2003 Telescop 2750	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050	4850 181/1486 80 mm) / 1 -15 / Supe	5250 (fork carriag 1950 (fork carrelastic 250-	5550 ge 1600 mm arriage 2400 -15	5950) / 1570 (formm) / 2096 4450	6350 c carriage 18 (fork carriage	6750 800 mm) / 1 ge 2400mm)	6950 791 (fork ca 5450	7150 arriage 2180/	7550 2400 mm) /	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955	6245 (978/1181/148 age 2180 mm) / in 315/70-15 /	6695 6 (fork carriage 16 1950 (fork carriag Superelastic 250-1	7295 000 mm) / 157 ge 2400 mm) / 55	7745 0 (fork carriage 2096 (fork carri	8345 1800 mm) / 17 riage 2400 mm) 6505	8945 91 (fork carriage 7105	9545 2180/2400 mm) 7705
KX / 0-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height	h_4 α/β b_{10}/b_{11} b_1 h_3 h_1	mm o mm mm mm	4250 5/8 267/470, 1866 (for Superelas 1510/138 2003 Telescop 2750 2710	4550 /673/978/1 k carriage 21 titic Twin 8.25 58 iic mast 3050 2860	4850 181/1486 80 mm) / 1 5-15 / Supe 3350 3010	5250 (fork carriag 1950 (fork carrelastic 250- 3750 3210	5550 se 1600 mm, arriage 2400 -15 4050 3360	5950) / 1570 (formm) / 2096 4450 3560	6350 c carriage 18 (fork carriage 4850 3760	6750 800 mm) / 1 ge 2400mm) 5250 3960	6950 791 (fork ca 5450 4060	7150 erriage 2180/ 5650 4160	7550 2400 mm) / 6050 4360	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860	6695 6 (fork carriage 16 1950 (fork carriag Superelastic 250-1 4855 3010	7295 000 mm) / 157 ge 2400 mm) / 15 5455 3210	7745 70 (fork carriage 7 2096 (fork carr 5905 3360	8345 1800 mm) / 17 riage 2400 mm) 6505 3560	8945 91 (fork carriage 7105 3760	9545 2180/2400 mm) 7705 3960
KX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height Free lift	h ₄ α/β b ₁₀ /b ₁₁ b ₁ h ₃ h ₁ h ₅	mm mm mm mm mm	4250 5/8 267/470, 1866 (for Superelas 1510/138 2003 Telescop 2750 2710 110	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050 2860 110	4850 181/1486 80 mm) / 1 5-15 / Supe 3350 3010 110	5250 (fork carriag 1950 (fork carrelastic 250- 3750 3210 110	5550 de 1600 mm, arriage 2400 -15 4050 3360 110	5950) / 1570 (formm) / 2096 4450 3560 110	4850 4850 4850 3760	6750 800 mm) / 1 ge 2400mm) 5250 3960 110	6950 791 (fork ca 5450 4060 110	7150 arriage 2180/ 5650 4160 110	7550 2400 mm) / 6050 4360 110	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710 1255	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860 1405	6695 6 (fork carriage 16 1950 (fork carriage Superelastic 250-1 4855 3010 1555	7295 000 mm) / 157 ge 2400 mm) / 5 5 5455 3210 1755	7745 70 (fork carriage / 2096 (fork carriage / 2096 (fork carriage / 3095) 3360	8345 1800 mm) / 17 riage 2400 mm) 6505 3560 2105	7105 3760 2305	9545 2180/2400 mm) 7705 3960 2505
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height Free lift Maximum height	h ₄ α/β b ₁₀ /b ₁₁ b ₁ h ₃ h ₁ h ₅ h ₄	mm o mm mm mm mm mm	4250 5/8 267/470, 1866 (for Superelas 1510/133 2003 Telescop 2750 2710 110 4150	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050 2860 110	4850 181/1486 80 mm) / 1 5-15 / Supe 3350 3010	5250 (fork carriag 1950 (fork carrelastic 250- 3750 3210	5550 se 1600 mm, arriage 2400 -15 4050 3360	5950) / 1570 (formm) / 2096 4450 3560	6350 c carriage 18 (fork carriage 4850 3760	6750 800 mm) / 1 ge 2400mm) 5250 3960	6950 791 (fork ca 5450 4060	7150 erriage 2180/ 5650 4160	7550 2400 mm) / 6050 4360 110	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710 1255 5345	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860	6695 6 (fork carriage 16 1950 (fork carriag Superelastic 250-1 4855 3010	7295 000 mm) / 157 ge 2400 mm) / 15 5455 3210	7745 70 (fork carriage 7 2096 (fork carr 5905 3360	8345 1800 mm) / 17 riage 2400 mm) 6505 3560	8945 91 (fork carriage 7105 3760	9545 2180/2400 mm) 7705 3960
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height Free lift	h ₄ α/β b ₁₀ /b ₁₁ b ₁ h ₃ h ₁ h ₅ h ₄	mm o mm mm mm mm mm	4250 5/8 267/470, 1866 (for Superelas 1510/138 2003 Telescop 2750 2710 110	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050 2860 110	4850 181/1486 80 mm) / 1 5-15 / Supe 3350 3010 110	5250 (fork carriag 1950 (fork carrelastic 250- 3750 3210 110	5550 de 1600 mm, arriage 2400 -15 4050 3360 110	5950) / 1570 (formm) / 2096 4450 3560 110	4850 4850 4850 3760	6750 800 mm) / 1 ge 2400mm) 5250 3960 110	6950 791 (fork ca 5450 4060 110	7150 arriage 2180/ 5650 4160 110	7550 2400 mm) / 6050 4360 110	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710 1255	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860 1405	6695 6 (fork carriage 16 1950 (fork carriage Superelastic 250-1 4855 3010 1555	7295 000 mm) / 157 ge 2400 mm) / 5 5 5455 3210 1755	7745 70 (fork carriage / 2096 (fork carriage / 2096 (fork carriage / 3095) 3360	8345 1800 mm) / 17 riage 2400 mm) 6505 3560 2105	7105 3760 2305	9545 2180/2400 mm) 7705 3960 2505
KX / 0-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height Free lift Maximum height	h ₄ α/β b ₁₀ /b ₁₁ b ₁ h ₃ h ₁ h ₅ h ₄	mm o mm mm mm mm mm	4250 5/8 267/470, 1866 (fork Superelas 1510/133 2003 Telescop 2750 2710 1110 4150 5/8 267/470,	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050 2860 110 4450 /673/978/1	3350 3010 110 4750	5250	5550 de 1600 mm arriage 2400 -15 4050 3360 110 5450 de 1600 mm	5950) / 1570 (fort mm) / 2096 4450 3560 110 5850	4850 3760 110 6250	6750 300 mm) / 1 ge 2400mm) 5250 3960 110 6650 300 mm) / 1	5450 4060 110 6850	7150 erriage 2180/ 5650 4160 110 7050	7550 2400 mm) / 6050 4360 110	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710 1255 5345 5/8 267/470/673,	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860 1405 5795	6695 6 (fork carriage 16 1950 (fork carriage Superelastic 250-1 4855 3010 1555	7295 00 mm) / 157 ge 2400 mm) / 5 5455 3210 1755 6845 00 mm) / 157	7745 70 (fork carriage / 2096 (fork carriage / 3360 1905 7295	8345 1800 mm) / 17 riage 2400 mm) 6505 3560 2105 7895	7105 3760 2305 8495	9545 2180/2400 mm) 7705 3960 2505 9095
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height Free lift Maximum height Tilt of mast/fork carriage forward/backward	h ₄ α/β b ₁₀ /b ₁₁ b ₁ h ₃ h ₁ h ₅ h ₄	mm o mm mm mm mm mm	4250 5/8 267/470, 1866 (fork Superelas 1510/133 2003 Telescop 2750 2710 110 4150 5/8 267/470, 1866 (fork	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050 2860 110 4450 /673/978/1 k carriage 21	3350 3010 110 4750 380 mm) / 1	5250 (fork carriag 950 (fork carriag 3750 3210 110 5150 (fork carriag 950 (fork ca	5550 de 1600 mm arriage 2400 -15 4050 3360 110 5450 de 1600 mm arriage 2400	5950 / 1570 (formm) / 2096 4450 3560 110 5850 / 1570 (formm) / 2096	4850 3760 110 6250	6750 300 mm) / 1 ge 2400mm) 5250 3960 110 6650 300 mm) / 1	5450 4060 110 6850	7150 erriage 2180/ 5650 4160 110 7050	7550 2400 mm) / 6050 4360 110 7450	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710 1255 5345 5/8 267/470/673, 1866 (fork carri	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860 1405 5795 (978/1181/148 age 2180 mm) /	6695 6 (fork carriage 16 1950 (fork carriage Superelastic 250-1 4855 3010 1555 6245 6 (fork carriage 16	7295 000 mm) / 157 ge 2400 mm) / 5 5455 3210 1755 6845 000 mm) / 157 ge 2400 mm) /	7745 70 (fork carriage / 2096 (fork carriage / 3360 1905 7295	8345 1800 mm) / 17 riage 2400 mm) 6505 3560 2105 7895	7105 3760 2305 8495	9545 2180/2400 mm) 7705 3960 2505 9095
RX 70-80	Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear Track front/rear Maximum width Nominal lift Overall height Free lift Maximum height Tilt of mast/fork carriage forward/backward Fork lock-in position centre-centre Tyres front/rear	h ₄ α/β b ₁₀ /b ₁₁ b ₁ h ₃ h ₁ h ₅ h ₄ α/β	mm o mm	4250 5/8 267/470, 1866 (fork Superelas 1510/133 2003 Telescop 2750 2710 110 4150 5/8 267/470, 1866 (fork	4550 /673/978/1 k carriage 21 stic Twin 8.25 58 ic mast 3050 2860 110 4450 /673/978/1 k carriage 21 stic Twin 315	3350 3010 110 4750 380 mm) / 1	5250 (fork carriag 950 (fork carriag 3750 3210 110 5150 (fork carriag 950 (fork ca	5550 de 1600 mm arriage 2400 -15 4050 3360 110 5450 de 1600 mm arriage 2400	5950 / 1570 (formm) / 2096 4450 3560 110 5850 / 1570 (formm) / 2096	4850 3760 110 6250	6750 300 mm) / 1 ge 2400mm) 5250 3960 110 6650 300 mm) / 1	5450 4060 110 6850	7150 erriage 2180/ 5650 4160 110 7050	7550 2400 mm) / 6050 4360 110 7450	5795 5/8 267/470/673, 1866 (fork carri Superelastic Tw 1510/1358 2125 Triplex mast 3955 2710 1255 5345 5/8 267/470/673, 1866 (fork carri	6245 (978/1181/148 age 2180 mm) / in 315/70-15 / 4405 2860 1405 5795 (978/1181/148 age 2180 mm) /	6695 6 (fork carriage 16 1950 (fork carriage Superelastic 250-1 4855 3010 1555 6245 6 (fork carriage 16 1950 (fork carriage 16	7295 000 mm) / 157 ge 2400 mm) / 5 5455 3210 1755 6845 000 mm) / 157 ge 2400 mm) /	7745 70 (fork carriage / 2096 (fork carriage / 3360 1905 7295	8345 1800 mm) / 17 riage 2400 mm) 6505 3560 2105 7895	7105 3760 2305 8495	9545 2180/2400 mm) 7705 3960 2505 9095

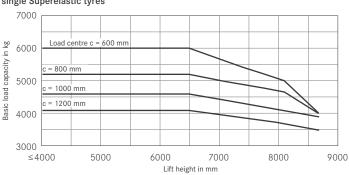
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RX 70-60/80 Diesel Forklift Truck Basic Load Capacities

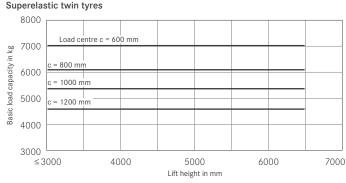
RX 70-60 Telescopic mast single Superelastic tyres



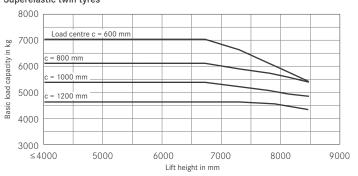
RX 70-60 Triplex mast single Superelastic tyres



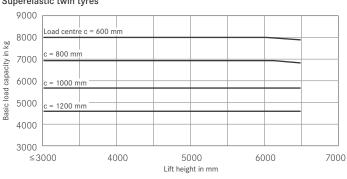
RX 70-70 Telescopic mast



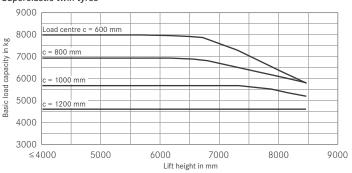
RX 70-70 Triplex mast Superelastic twin tyres



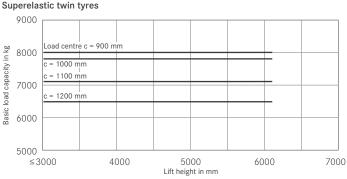
RX 70-80 Telescopic mast Superelastic twin tyres



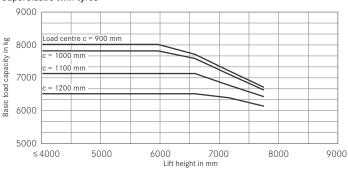
RX 70-80 Triplex mast Superelastic twin tyres



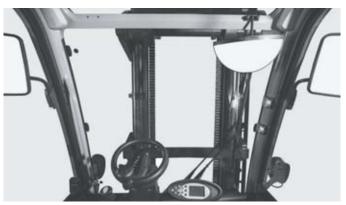
RX 70-80 LC 900 Telescopic mast



RX 70-80 LC 900 Triplex mast Superelastic twin tyres



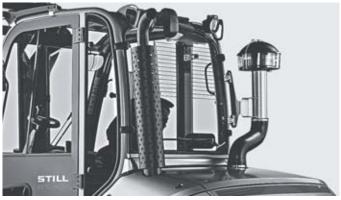




Always the best view of the load and forks thanks to narrow mast profiles



Spacious, comfortable driver's cab



Cyclone air filter for clean engine intake air



Sensitive hydraulic control and various storage compartments



Good servicing and maintenance access



AdBlue tank for the after-treatment of exhaust gases



Wide, unrestricted entry and exit area



Large, non-slip step for safe entry and exit



9

Maximum performance for optimum load handling thanks to diesel-electric drive with powerful industrial engine

Gentle, precise and safe load handling as well as direct feedback for the driver thanks to ultra-modern hydraulic technology

Best visibility due to high seat position and driver's cab offset to one side



STILL RX 70-60/80 diesel forklift trucks with a load capacity of up to 8 tonnes are equipped with a diesel-electric drive. This combines the advantages of a powerful internal combustion engine with the precision of an electric drive, guaranteeing high availability, a longer service life and lower operating costs. All drive components are encapsulated to provide protection against dust and water penetration. As a result the trucks are perfect for a range of applications, including indoor and outdoor use in the construction industry, building materials sector and wood processing, the metalworking industry, paper industry and the drinks industry. Customers in the logistics and freight-carrier industries also stand to benefit.

The bend-proof and torsionally rigid mast allows safe load handling, even for heavy loads. The driver has an excellent all-round view thanks to the high seat position and driver's cab offset to one side. The comfortable driver's cab incorporates the latest ergonomic criteria to combat fatigue and improve safety. The driving and lifting behaviour can be tailored to operational circumstances or the driver's preferences. Five driving programmes are available. The Blue-Q energy-saving mode cuts energy consumption by 10 per cent with no loss of performance.

Extensive Equipment

Power

- Diesel-electric drive with powerful industrial engines: high availability, longer service life and low operating costs
- Can lift up to 8 tonnes with a load centre of 600 or 900 mm
- Move goods effectively: driving speed of up to 20 km/h
- High delivery volume at low engine speeds due to electrically controlled hydraulic pump
- Safe load handling even with heavy loads due to robust, bend-proof and torsionally rigid mast

Precision

- Select maximum turnover or maximum efficiency: 5 driving programmes leave you in control
- Speed, acceleration and braking can all be individually set
- Powerful and precise hydraulic operation reduces breakages: safe load handing thanks to sensitive and direct hydraulic control

Ergonomics

- Spacious, comfortable driver's cab that can be individually set up and offering numerous storage compartments
- Premium driver's seat offers the best seat ergonomics
- Safe and comfortable entry and exit due to large, non-slip and clearly visible step
- Choose from a range of individual control options: mini-lever,
 Fingertip or Joystick 4Plus

Compactness

- Ideal for confined spaces thanks to smaller working widths
- Optimal visibility over the truck contours due to narrow overhead guard profile struts and large windows
- Efficient block stacking thanks to narrow truck frame

Safety

- Perfect all-round safety: narrow mast profile and large viewing windows on all sides
- Asymmetrically offset driver's seat affords excellent visibility over load and fork carriage
- Optimal stability thanks to low centre of gravity (truck)
- Convenient step and grab handles ensure high operator safety
- Robust, bend-proof and torsionally rigid mast brings added safety for drivers and the environment

Environmental Responsibility

- Low fuel consumption: reduction of operating costs and CO₂ emissions
- Blue-Q efficiency mode allows energy savings of up to 10 per cent at the press of a button with no loss of performance
- Over 95 percent of all installed materials are recyclable
- Thanks to ultra-modern exhaust gas regeneration, forklift truck emissions fall well below the emissions limit values in the current EU 3b standard (combination of oxidation catalyst and soot particle filter, as well as selective catalytic reaction /Ad Blue)

RX 70-60/80 Diesel Forklift Truck Equipment Variants



		RX 70-60	RX 70-70	RX 70-80	RX 70-80/900
	Impact-absorbing driver's seat for optimal comfort on uneven routes	•	•	•	•
	Steel protective roof	•	•	•	•
	Weather protection design in different variants	0	0	0	0
	Driver's cab, protective roof height 2,697 mm	0	0	0	0
	Tarpaulin cab Tinted front windscreen, rear and front windows, windscreen washing/wiping facility	0	0	0	0
	Single-pedal transmission control	•	•	•	•
	Double-pedal transmission control	0	0	0	0
	Built-in storage and drink holder	•	•	•	•
	Display and function buttons protected from water spray	•	•	•	•
ap	Writing pad with clipboard (removable) and lighting	0	0	0	0
r's c	Grammer driver's seat with leatherette cover	•	•	•	•
Driver's cab	Comfort driver's seat with textile cover and lumbar support	0	0	0	0
	Swivel seat for a healthy body posture when reversing	0	0	0	0
	Exclusive driver's seat with leatherette or textile cover, mechanical or airsprung, extra-wide seat pad, large suspension travel, lumbar support, height-adjustable back extension and heated seat	0	0	0	0
	Horizontal spring plate for driver's seat to minimise human vibrations	0	0	0	0
	Document pocket on the seat back Roof liner with interior lighting	0	0	0	0
	Radio/MP3 player with USB connection	0	0	0	0
	Adjustable roof window	0	0	0	0
	Protective sunshade and sun blind	0	0	0	0
	Water heating with blower and defroster nozzles for front windscreen and footwell	0	0	0	0
	Air conditioning	0	0	0	0
	Telescopic free view mast	0	0	0	0
	Triplex free view mast	0	0	0	0
	Fork wear protection	0	0	0	0
st	Different fork carriage widths and integrated side shifter	0	0	0	0
Mast	Load backrest Automatic mast vertical position	0	0	0	0
	Hydraulic accumulator in the lifting cylinder to attenuate pressure peaks in the hydraulic system	0	0	0	0
	Angle of incline 5/8° front/rear incline	•	•	•	•
	Bellows protect the tilt cylinder from dust and moisture	0	0	0	0
co.	Superelastic tyres, SIT system, single or twin	•	•	•	•
Tyres	Superelastic tyres, SIT system, natural colour or anti-static	0	0	0	0
	Pneumatic tyres, single or twin	0	0	0	0
co.	Up to three hydraulic circuits for controlling accessories	0	0	0	0
illi	Custom parametrisation of hydraulic functions	•	•	•	•
Hydraulics	Mini-lever with armrest, two levers Mini-lever with armrest, three or four levers	0	0	0	0
	Joystick 4Plus or Fingertip	0	0	0	0
	Five driving programmes for different driving and braking behaviour	•	•	•	•
	Blue-Q energy-saving mode	•	•	•	•
	Smooth acceleration and reversing	•	•	•	•
	Maintenance-free drives for driving, steering and lifting	•	•	•	•
Drives	Travel and lift drive components enclosed to protect against dust and dirt	•	•	•	•
۵	Dry air filter with maintenance indicator	•	•	•	•
	Additional air filter, cyclone pre-separator or oil bath air filter Automatic engine shutdown	0	0	0	0
	Engine preheating via external power connection	0	0	0	0
	Diesel particle filter	•	•	•	•
4)	Wear-free disc brakes that run in an oil bath	•	•	•	•
Brake	Energy recovery when braking	•	•	•	•
ш	Hydraulic parking brake	•	•	•	•
	Forklift has low centre of gravity and steering axle with high self-aligning bearing for optimum levels of safety	•	•	•	•
	Protective grille roof	0	0	0	0
	Narrow protective roof profile for an optimum all-round view	•	•	•	•
	Easybelt restraint system for quick and safe fastening and unfastening	0	0	0	0
	IWS restraint system with strap opening located on both sides Lighting system in halogen or LED design, approvable	0	0	0	0
4	Working lights in halogen or LED design	0	0	0	0
Safety	Roof window in rear protective roof area, improved visibility when reversing	•	•	•	•
	Flashing warning light	0	0	0	0
	STILL Safety Light warning device, illuminated blue	0	0	0	0
	Seat belt control, drive unit only enabled when seat belt is fastened	0	0	0	0
	Speed limiter adjustable by driver	0	0	0	0
	Tempomat cruise control Load measuring with ±5 percent precision	0	0	0	0
	FleetManager: access authorisation, shock detection, reports	0	0	0	0
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www.still.eu

STILL is certified in the following areas: Quality management, occupational safety, environmental protection and energy management.

