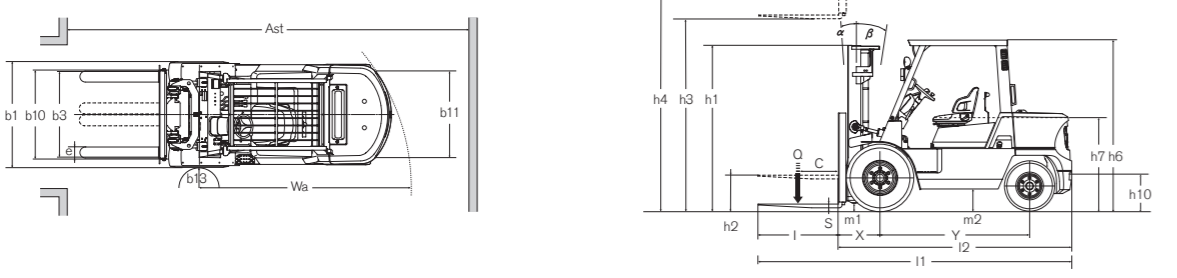




DIMENSIONS



MAST SPECIFICATIONS & RATED CAPACITIES: FX4-45

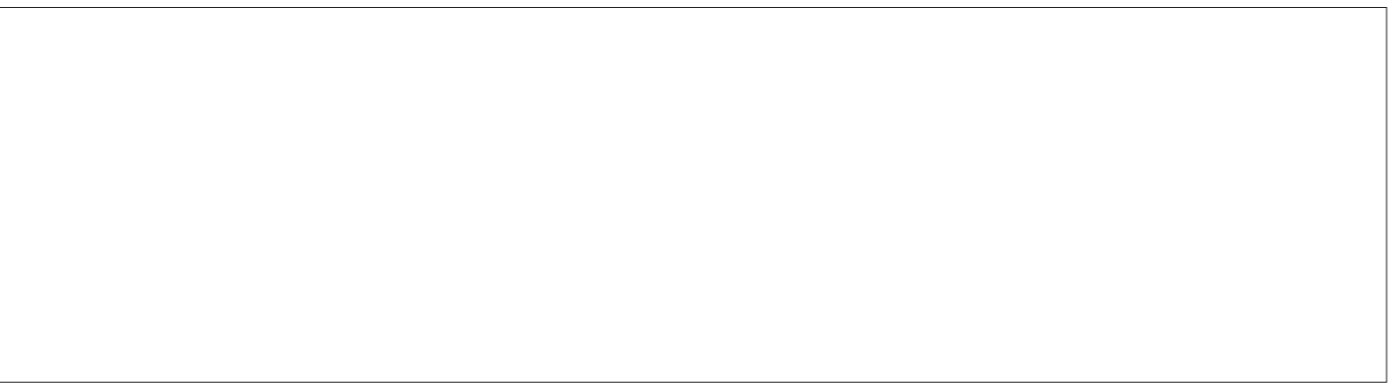
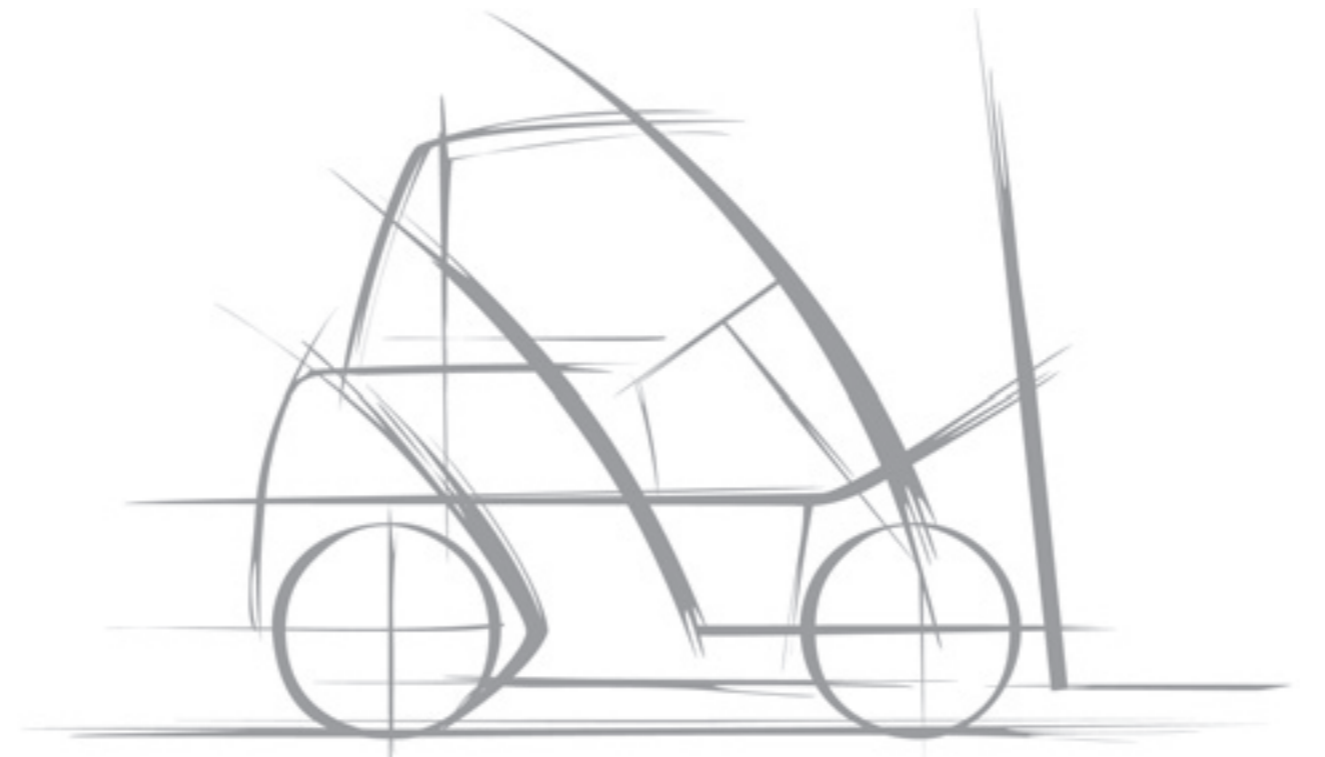
Mast type	Mast name	Maximum fork height (mm) ¹⁾	Overall Height			Free Lift		Tilt angle Forward/backward degrees	Load capacity ²⁾	
			Fully lowered (mm) ¹⁾	Fully extended		Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾		Load centre	
				Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾				500 mm	600 mm
TWO STAGE WIDE VIEW	2W300	3000	2250	3890	4130	100	100	6-10	5000	4500
	2W330	3300	2400	4190	4430	100	100	6-10	5000	4500
	2W350	3500	2500	4390	4630	100	100	6-10	5000	4500
	2W370	3700	2600	4590	4830	100	100	6-6	5000	4500
	2W400	4000	2850	4890	5130	100	100	6-6	5000	4500
	2W450	4500	3100	5390	5630	100	100	6-6	5000	4500
TWO STAGE FULL FREE	2W500	5000	3350	5890	6130	100	100	6-6	5000 *	4500 *
	2W550	5500	3600	6390	6630	100	100	6-6	4900 *	4500 *
	2W600	6000	3850	6890	7130	100	100	6-6	4800 *	4400 *
	2F297	2970	2250	3870	4100	1350	1120	6-10	5000	4500
	2F328	3280	2400	4180	4410	1500	1270	6-10	5000	4500
	2F348	3480	2500	4380	4610	1600	1370	6-6	5000	4500
THREE STAGE FULL FREE	2F408	4080	2850	4980	5210	1950	1720	6-6	5000	4500
	3F370	3700	2950	4610	4830	1150	920	6-6	5000	4500
	3F404	4040	2170	4950	5170	1270	1040	6-6	5000	4500
	3F431	4310	2260	5220	5440	1360	1130	6-6	5000	4500
	3F475	4750	2400	5680	5880	1500	1270	6-6	5000	4500
	3F505	5050	2500	5960	6180	1600	1370	6-6	5000 *	4500
	3F550	5500	2650	6410	6630	1750	1520	6-6	4900 *	4500 *
	3F600	6000	2850	6910	7130	1950	1720	6-6	4800 *	4400 *
	3F650	6500	3050	7410	7630	2150	1920	6-6	3600 *	3700 *
	3F700	7000	3250	7910	8130	2350	2120	6-6	2700 *	2700 *

¹⁾ 1 inch = 25.4 mm 1kg = 0.4536 lb ²⁾ Capacity with single pneumatic tyres unless indicated * Load capacity with single Super Elastic tyres

MAST SPECIFICATIONS & RATED CAPACITIES: FX4-50

Mast type	Mast name	Maximum fork height (mm) ¹⁾	Overall Height			Free Lift		Tilt angle Forward/backward degrees	Load capacity ²⁾	
			Fully lowered (mm) ¹⁾	Fully extended		Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾		Load centre 600 mm	
				Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾				kg ¹⁾	kg ¹⁾
TWO STAGE WIDE VIEW	2W300	3000	2250	4030	4280	100	100	6-10	5000	5000
	2W330	3300	2400	4330	4580	100	100	6-10	5000	5000
	2W350	3500	2500	4530	4780	100	100	6-10	5000	5000
	2W370	3700	2600	4730	4980	100	100	6-6	5000	5000
	2W400	4000	2850	5030	5280	100	100	6-6	5000	5000
	2W450	4500	3100	5530	5780	100	100	6-6	5000	5000
TWO STAGE FULL FREE	2W500	5000	3350	6030	6280	100	100	6-6	5000 *	5000 *
	2W550	5500	3600	6530	6780	100	100	6-6	5000 *	5000 *
	2W600	6000	3850	7030	7280	100	100	6-6	4900 *	4900 *
	2F297	2965	2250	4000	4250	1220	1025	6-10	5000	5000
	2F328	3275	2400	4310	4560	1370	1175	6-10	5000	5000
	2F348	3475	2500	4510	4760	1470	1275	6-6	5000	5000
THREE STAGE FULL FREE	2F408	4075	2850	5110	5360	1820	1625	6-6	5000	5000
	3F370	3700	2950	4740	4980	1020	770	6-6	5000	5000
	3F404	4040	2170	5080	5320	1140	890	6-6	5000	5000
	3F431	4310	2260	5350	5590	1230	980	6-6	5000	5000
	3F475	4750	2400	5790	6030	1370	1120	6-6	5000	5000
	3F505	5050	2500	6090	6330	1470	1220	6-6	5000 *	5000 *
	3F550	5500	2650	6540	6780	1620	1370	6-6	5000 *	5000 *
	3F600	6000	2850	7040	7280	1820	1570	6-6	4900 *	4900 *
	3F650	6500	3050	7540	7780	2020	1770	6-6	3800 *	3800 *
	3F700	7000	3250	8040	8280	2220	1970	6-6	2800 *	2800 *

¹⁾ 1 inch = 25.4 mm 1kg = 0.4536 lb ²⁾ Capacity with single pneumatic tyres unless indicated * Load capacity with single Super Elastic tyres



NISSAN FORKLIFT EUROPE B.V.

<http://www.nissan-nfe.com> SEN-FX4-01.NFE/06-08-3500 Printed in the Netherlands

Nissan Motor Co., Ltd. reserves the right to make any changes without notice concerning colors, equipment or specifications detailed in this brochure, or to discontinue individual models. The colors of vehicles delivered may differ slightly from those in this brochure. The specifications vary for different countries depending on local market conditions. Please consult your local dealer to ensure that the vehicle delivered accords with your expectations. All values given may vary, due to motor and system tolerances and operational conditions. Some equipment shown on photos are optional.



FX4 Series

3.5 - 5.0 Tonne



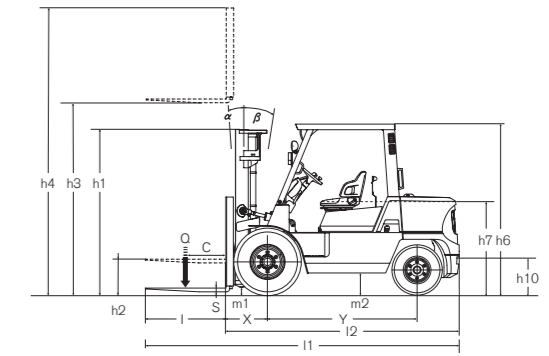
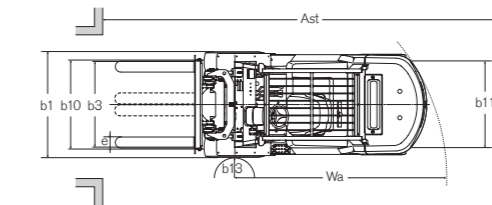
Counterbalance trucks Designation according VDI 3586		Data sheet for materials handling equipment				VDI 2198 Registration note	
June 2006		Manufactures Data and Design Characteristics					
CHARACTERISTICS	1.1	Nissan		Nissan			
	1.2	FX4-35		FX4-40			
	1.3	Diesel	LPG [®]	Diesel	LPG [®]		
	1.4	Sit	Sit	Sit	Sit		
	1.5	Q (t)	4.0 (3.5)	4.0 (3.5)	4.5 (4.0)	4.5 (4.0)	
	1.6	c (mm)	500 (600)	500 (600)	500 (600)	500 (600)	
	1.8	x (mm)	557	557	557	557	
	1.9	y (mm)	2000	2000	2000	2000	
WEIGHTS	2.1	kg	5710	5570	6120	5970	
	2.2	kg	8670/1040	8580/990	9430/1190	9320/1150	
	2.3	kg	2560/3150	2460/3110	2550/3570	2440/3530	
WHEELS & TYRES	3.1	Pneumatic		Pneumatic		Pneumatic	
	3.2	8.25x15-14PR		8.25x15-14PR		300x15-18PR	
	3.3	7.00x12-14PR		7.00x12-14PR		7.00x12-14PR	
	3.5	2x/2		2x/2		2x/2	
	3.6	b ₁ (mm)	1175	1175	1175	1175	
	3.7	b ₂ (mm)	1180	1180	1180	1180	
	3.7	b ₃ (mm)	1180	1180	1180	1180	
DIMENSIONS	4.1	cx/β (°)	6/10	6/10	6/10	6/10	
	4.2	h ₁ (mm)	2320	2320	2320	2320	
	4.3	h ₂ (mm)	100	100	100	100	
	4.4	h ₃ (mm)	3000	3000	3000	3000	
	4.5	h ₄ (mm)	4270	4270	4270	4270	
	4.7	h ₅ (mm)	2250	2250	2250	2250	
	4.8	h ₆ (mm)	1093	1093	1093	1093	
	4.12	h ₇ (mm)	420	420	420	420	
	4.19	l ₁ (mm)	4290	4290	4340	4340	
	4.20	l ₂ (mm)	3070	3070	3120	3120	
	4.21	b ₁ /b ₂ (mm)	1415/1780	1415/1780	1460/1780	1460/1780	
	4.22	s/e/l (mm)	50x150x1220	50x150x1220	50x150x1220	50x150x1220	
	4.23	3A	3A	3A	3A	3A	
	4.24	b ₃ (mm)	1190	1190	1190	1190	
	4.31	m ₁ (mm)	150	150	150	150	
	4.32	m ₂ (mm)	252	252	252	252	
	4.33	Ast (mm)	4492	4492	4532	4532	
	4.34	Ast (mm)	4292	4292	4332	4332	
	4.35	Wa (mm)	2735	2735	2775	2775	
	4.36	b ₁₀ (mm)	870	870	820	820	
	PERFORMANCE	5.1	km/h	17.5/19.5	18.0/19.5	17.5/19.5	18.0/19.5
5.2		mm/s	500/520	510/510	500/520	510/510	
5.3		mm/s	500/500	500/500	500/500	500/500	
5.5		kN	19.0/17.2	23.9/16.9	18.5/17.1	24.0/16.7	
5.7		%	21/27	27/27	18/26	24/25	
5.10		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
DRIVE	7.1	MHI SSS	Nissan TB45	MHI SSS	Nissan TB45		
	7.2	kW	62.5	75	62.5	75	
	7.3	min ⁻¹	2450	2450	2450	2450	
	7.4	cm ³	6/4996	6/4500	6/4996	6/4500	
OTHERS	8.1	Torque convertor/1	Torque convertor/1	Torque convertor/1	Torque convertor/1		
	8.2	bar	191	191	191	191	
	8.4	dB(A)	81	79	81	79	

© Gasoline models available upon request

Counterbalance trucks Designation according VDI 3586		Data sheet for materials handling equipment				VDI 2198 Registration note	
June 2006		Manufactures Data and Design Characteristics					
CHARACTERISTICS	1.1	Nissan		Nissan			
	1.2	FX4-45		FX4-50			
	1.3	Diesel	LPG [®]	Diesel	LPG [®]		
	1.4	Sit	Sit	Sit	Sit		
	1.5	Q (t)	5.0 (4.5)	5.0 (4.5)	5.0	5.0	
	1.6	c (mm)	500 (600)	500 (600)	600	600	
	1.8	x (mm)	562	562	582	582	
	1.9	y (mm)	2000	2000	2150	2150	
WEIGHTS	2.1	kg	6680	6530	7160	7050	
	2.2	kg	10280/1400	10050/1480	10710/1450	10650/1400	
	2.3	kg	2620/4060	2390/4140	2960/4200	2900/4150	
WHEELS & TYRES	3.1	Pneumatic		Pneumatic		Pneumatic	
	3.2	300x15-18PR		300x15-18PR		300x15-18PR	
	3.3	7.00x12-14PR		7.00x12-14PR		7.00x12-14PR	
	3.5	2x/2		2x/2		2x/2	
	3.6	b ₁ (mm)	1175	1175	1175	1175	
	3.7	b ₂ (mm)	1180	1180	1180	1180	
	3.7	b ₃ (mm)	1180	1180	1180	1180	
DIMENSIONS	4.1	cx/β (°)	6/10	6/10	6/10	6/10	
	4.2	h ₁ (mm)	2400	2400	2400	2400	
	4.3	h ₂ (mm)	100	100	100	100	
	4.4	h ₃ (mm)	3000	3000	3000	3000	
	4.5	h ₄ (mm)	4270	4270	4270	4270	
	4.7	h ₅ (mm)	2250	2250	2250	2250	
	4.8	h ₆ (mm)	1093	1093	1093	1093	
	4.12	h ₇ (mm)	420	420	420	420	
	4.19	l ₁ (mm)	4395	4395	4525	4525	
	4.20	l ₂ (mm)	3175	3175	3305	3305	
	4.21	b ₁ /b ₂ (mm)	1460/1780	1460/1780	1460/1780	1460/1780	
	4.22	s/e/l (mm)	50x150x1220	50x150x1220	60x150x1220	60x150x1220	
	4.23	3A	3A	4A	4A	4A	
	4.24	b ₃ (mm)	1190	1190	1190	1190	
	4.31	m ₁ (mm)	150	150	150	150	
	4.32	m ₂ (mm)	252	252	252	252	
	4.33	Ast (mm)	4582	4582	4747	4747	
	4.34	Ast (mm)	4382	4382	4547	4547	
	4.35	Wa (mm)	2820	2820	2965	2965	
	4.36	b ₁₀ (mm)	820	820	820	820	
	PERFORMANCE	5.1	km/h	17.5/19.5	17.5/19.5	21.0/23.5	21.0/23.5
5.2		mm/s	430/450	440/440	430/450	440/440	
5.3		mm/s	500/500	500/500	500/500	500/500	
5.5		kN	18.3/17.6	23.9/16.2	25.0/20.6	32.5/20.0	
5.7		%	17/24	22/22	26/26	29/26	
5.10		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
DRIVE	7.1	MHI SSS	Nissan TB45	MHI SSS	Nissan TB45		
	7.2	kW	62.5	75	62.5	75	
	7.3	min ⁻¹	2450	2450	2450	2450	
	7.4	cm ³	6/4996	6/4500	6/4996	6/4500	
OTHERS	8.1	Torque convertor/1	Torque convertor/1	Torque convertor/2	Torque convertor/2		
	8.2	bar	191	191	191	191	
	8.4	dB(A)	81	79	81	79	

© Gasoline models available upon request

DIMENSIONS



MAST SPECIFICATIONS & RATED CAPACITIES: FX4-35, FX4-40

Mast type	Mast name	Maximum fork height	Overall height		Free lift		Tilt angle	Load capacity ³⁾				
			Fully lowered	Fully extended		Without backrest		With STD backrest	FX4-35		FX4-40	
				Without backrest	With STD backrest				Load centre		Load centre	
		(mm) ¹⁾	(mm) ¹⁾	(mm) ¹⁾	(mm) ¹⁾	(mm) ¹⁾	(mm) ¹⁾	degrees	500 mm	600 mm	500 mm	600 mm
		kg ²⁾	kg ²⁾	kg ²⁾	kg ²⁾	kg ²⁾	kg ²⁾		kg ²⁾	kg ²⁾	kg ²⁾	kg ²⁾
TWO STAGE WIDE VIEW	2W300	3000	2170	3930	4270	100	100	6-10	4000	3500	4500	4000
	2W330	3300	2320	4230	4570	100	100	6-10	4000	3500	4500	4000
	2W350	3500	2420	4430	4770	100	100	6-10	4000	3500	4500	4000
	2W370	3700	2520	4630	4830	100	100	6-6	4000	3500	4500	4000
	2W400	4000	2700	4930	5130	100	100	6-6	4000	3500	4500	4000
	2W450	4500	3000	5430	5630	100	100	6-6	4000	3500	4500	4000
	2W500	5000	3250	5930	6130	100	100	6-6	4000	3500	4500	4000
TWO STAGE FULL FREE	2W550	5500	3500	6430	6630	100	100	6-6	3900 *	3500 *	4400 *	4000 *
	2W600	6000	3750	6930	7130	100	100	6-6	3700 *	3400 *	4300 *	3900 *
	2F300	3000	2170	3950	4130	1220	1040	6-10	4000	3500	4500	4000
	2F330	3300	2320	4250	4430	1370	1190	6-10	4000	3500	4500	4000
THREE STAGE FULL FREE	2F370	3700	2520	4650	4830	1570	1390	6-6	4000	3500	4500	4000
	2F406	4060	2700	5010	5190	1750	1570	6-6	4000	3500	4500	4000
	3F370	3700	1950	4650	4830	1000	820	6-6	4000	3500	4500	4000
	3F400	4000	2050	4950	5130	1100	920	6-6	4000	3500	4500	4000
	3F436	4360	2170	5310	5490	1220	1040	6-6	4000	3500	4500	4000
	3F470	4700	2285	5650	5830	1330	1150	6-6	4000	3500	4500	4000
	3F505	5050	2400	6000	6180	1450	1270	6-6	4000 *	3500	4500	4000
	3F550	5500	2550	6450	6630	1600	1420	6-6	3800 *	3500 *	4400 *	4000 *
	3F600	6000	2750	6950	7130	1800	1620	6-6	3700 *	3400 *	4200 *	3900 *
	3F650	6500	2950	7450	7630	2000	1820	6-6	3400 *	3300 *	3600 *	3700 *
3F700	7000	3150	7950	8130	2200	2020	6-6	2600 *	2600 *	2700 *	2700 *	

¹⁾ 1 inch = 25.4 mm 1kg = 0.4536 lb ²⁾ Capacity with single pneumatic tyres unless indicated ³⁾ Load capacity with single Super Elastic tyres