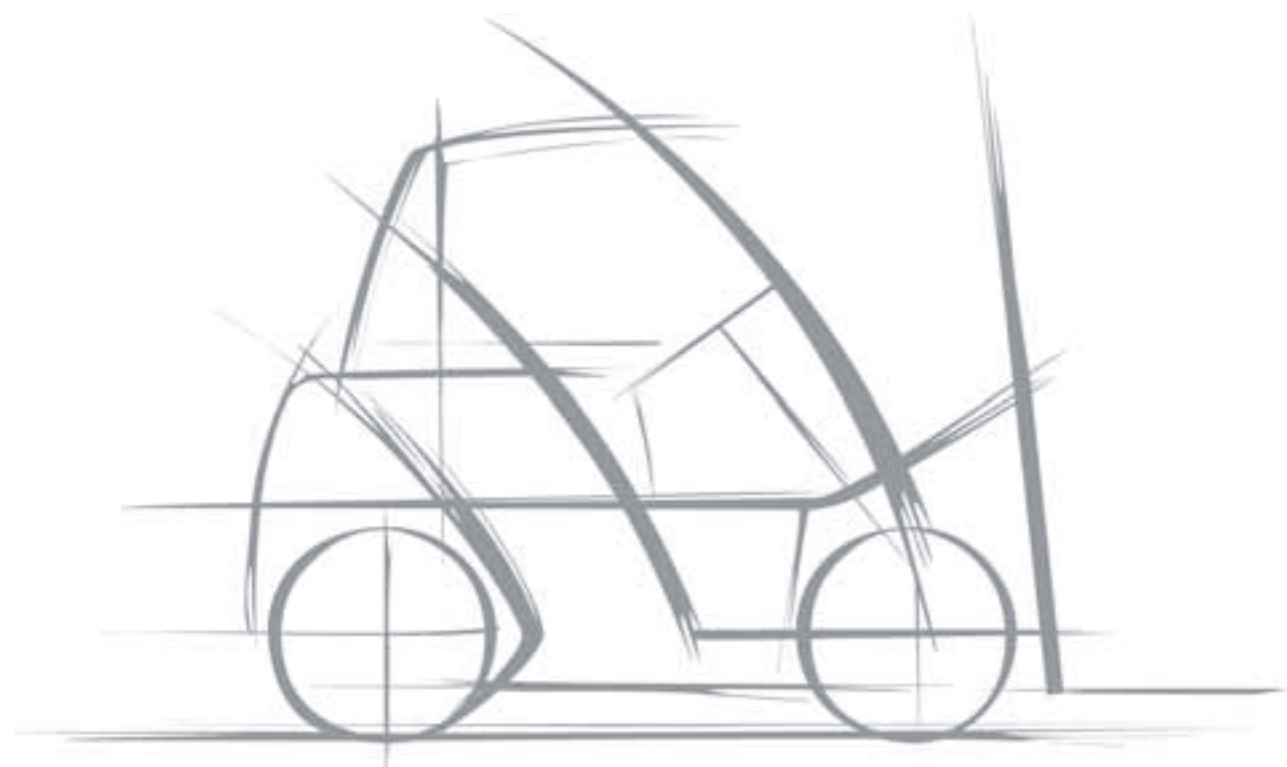


NISSAN
FORKLIFT

FX5 Series

5.0 - 7.0 Tonne



NISSAN FORKLIFT EUROPE B.V.

<http://www.nissan-nfe.com> SEN-FX5-01.NFE/06-08-3000 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.

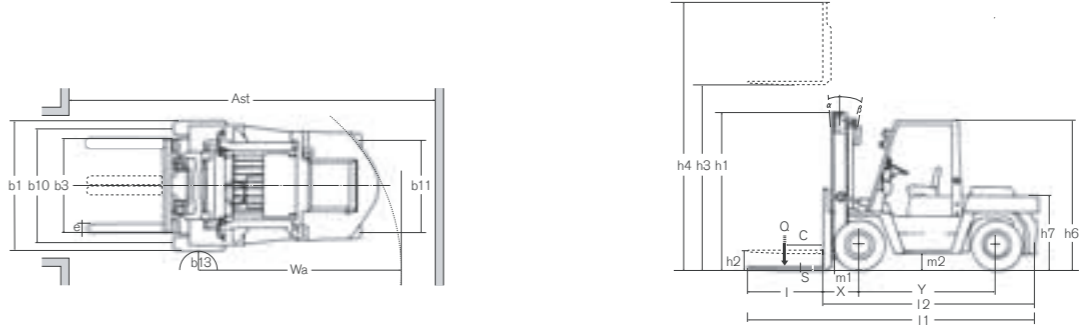
NISSAN
FORKLIFT

STANDARD SPECIFICATIONS

June 2006	Counterbalance trucks	Data sheet for materials handling equipment										VDI 2198
	Designation according VDI 3586											Registration note
Manufacturers Data and Design Characteristics												
CHARACTERISTICS	1.1	Manufacturer	Nissan			Nissan			Nissan			
	1.2	Model name	FX5-50			FX5-60			FX5-70			
	1.3	Power unit	LPG (single fuel)	Diesel	Diesel	LPG (single fuel)	Diesel	Diesel	LPG (single fuel)	Diesel	Diesel	
	1.4	Operation	Sit	Sit	Sit	Sit	Sit	Sit	Sit	Sit	Sit	
	1.5	Load capacity	Q (t)	5.0	5.0	5.0	6.0	6.0	6.0	7.0	7.0	7.0
	1.6	Load centre	c (mm)	600	600	600	600	600	600	600	600	600
	1.8	Front overhang	x (mm)	600	600	600	605	605	605	605	605	605
	1.9	Wheel base	y (mm)	2250	2250	2250	2250	2250	2250	2250	2250	2250
	WEIGHTS	2.1	Service weight	kg	7355	7420	7610	8005	8075	8260	8900	8965
2.2		Axle load with load, front/rear	kg	11235/1120	11260/1160	11305/1305	12710/1295	12735/1340	12785/1475	14215/1685	14245/1720	14285/1870
2.3		Axle load without load, front/rear	kg	3565/3790	3590/3830	3640/3790	3500/4505	3525/4550	3570/4690	3465/5435	3500/5465	3535/5620
WHEELS & TYRES	3.1	Tyres, front/rear (C=cushion, SE=superelastic, P=pneumatic)	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	
	3.2	Tyre size, front	300-15-18PR(I)	300-15-18PR(I)	300-15-18PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	
	3.3	Tyre size, rear	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	8.25-15-12PR(I)	
	3.5	Wheels, number front/rear (x=powered)	2x/2	2x/2	2x/2	4x/2	4x/2	4x/2	4x/2	4x/2	4x/2	
	3.6	Tread, front	b ₁₀ (mm)	1580	1580	1580	1470	1470	1470	1470	1470	
	3.7	Tread, rear	b ₁₁ (mm)	1460	1460	1460	1460	1460	1460	1460	1460	
	DIMENSIONS	4.1	Tilt Mast/carriage, forward/backward	α/β (°)	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12
4.2		Height mast fully lowered	h ₁ (mm)	2505	2505	2505	2510	2510	2510	2510	2510	
4.3		Free lift	h ₂ (mm)	155	155	155	160	160	160	170	170	
4.4		Lift height	h ₃ (mm)	3000	3000	3000	3000	3000	3000	3000	3000	
4.5		Height mast fully extended	h ₄ (mm)	4370	4370	4370	4370	4370	4370	4370	4370	
4.7		Overhead guard height	h ₅ (mm)	2375	2375	2375	2375	2375	2375	2375	2375	
4.8		Seat height/standing height	h ₇ (mm)	1250	1250	1250	1250	1250	1250	1250	1250	
4.19		Overall length	l ₁ (mm)	4695	4695	4695	4760	4760	4760	4855	4855	
4.2		Length to fork face	l ₂ (mm)	3475	3475	3475	3540	3540	3540	3635	3635	
4.21		Overall width	b ₁ (mm)	1880	1880	1880	1990	1990	1990	1990	1990	
4.22		Fork dimensions	s/e/l (mm)	55x150x1220	55x150x1220	55x150x1220	60x150x1220	60x150x1220	60x150x1220	68x150x1220	68x150x1220	
4.23		Carriage DIN 15173, Class/Form A,B		4A	4A	4A	4A	4A	4A	4A	4A	
4.24		Carriage width	b ₃ (mm)	1500	1500	1500	1500	1500	1500	1500	1500	
4.31		Mast underclearance loaded	m ₁ (mm)	205	205	205	210	210	210	210	210	
4.32	Underclearance centre wheelbase	m ₂ (mm)	265	265	265	265	265	265	265	265		
4.33	Right angle stacking aisle with pallet 1000 x 1200 across forks	Ast (mm)	4960	4960	4960	5005	5005	5005	5085	5085		
4.34	Right angle stacking aisle with pallet 800 x 1200 across forks	Ast (mm)	4760	4760	4760	4805	4805	4805	4885	4885		
4.35	Turning radius	Wa (mm)	3160	3160	3160	3200	3200	3200	3280	3280		
4.36	Turning radius, inner	b ₁₃ (mm)	260	260	260	210	210	210	210	210		
PERFORMANCE	5.1	Travelling speed, with/without load	km/h	26/27	26/27	33/34	26/27	26/27	32/34	25/27	25/27	
	5.2	Lifting speed, with/without load	mm/s	455/460	420/430	540/590	455/460	410/430	530/590	380/410	360/390	
	5.3	Lowering speed, with/without load	mm/s	500/450	500/450	500/450	500/450	500/450	500/450	450/400	450/400	
	5.5	Drawbar pull, with/without load	kN	51.0/27.5	52.9/27.5	60.8/27.5	50.0/27.5	52.0/27.5	60.8/27.5	50.0/27.5	52.0/27.5	
	5.7	Gradeability, with/without load	%	44/28	45/28	50/28	43/25	38/25	42/25	37/22	31/22	
	5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
DRIVE	7.1	Engine manufacturer/type	Nissan/TB45	Nissan/TD42	Nissan/FE6	Nissan/TB45	Nissan/TD42	Nissan/FE6	Nissan/TB45	Nissan/TD42		
	7.2	Engine rated power according ISO 1585	kW	75	63	88	75	63	88	75	63	
	7.3	Rated engine revolutions	min ⁻¹	2450	2300	2100	2450	2300	2100	2450	2300	
	7.4	Number of cylinders/Displacement	cm ³	6/4478	6/4169	6/6925	6/4478	6/4169	6/6925	6/4478	6/6925	
	7.5	Fuel consumption according VDI cycle	kg/h; l/h	5,6	5,4	6,7	5,6	5,4	6,7	5,6	5,4	
OTHERS	8.1	Type of drive control	Two stage torque convertor									
	8.2	Working pressure for attachments	bar	137	137	137	137	137	137	137	137	

@ Gasoline models available on request.

DIMENSIONS



MAST SPECIFICATIONS & RATED CAPACITIES: 5.0 TONNE

Mast type	Mast name	Maximum fork height (mm) ¹⁾	Overall Height		Free Lift		Tilt angle Forward/backward degrees	Load capacity Load centre 600 mm		
			Fully lowered (mm) ¹⁾	Fully extended (mm) ¹⁾	**Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾		Single tyre (kg) ¹⁾	Double tyre (kg) ¹⁾	
					*Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾				
TWO STAGE WIDE VIEW	2W270	2700	2355	3845	4070	155	155	6-12	5000	5000
	2W300	3000	2505	4145	4370	155	155	6-12	5000	5000
	2W330	3300	2655	4445	4670	155	155	6-12	5000	5000
	2W350	3500	2755	4645	4870	155	155	6-12	5000	5000
	2W370	3700	2855	4845	5070	155	155	6-12	5000	5000
	2W400	4000	3105	5145	5370	155	155	6-12	5000	5000
	2W450	4500	3355	5645	5870	155	155	6-12	5000	5000
	2W500	5000	3605	6145	6370	155	155	6-12	5000	5000
	2W550	5500	3955	6645	6870	155	155	6-6	4700	4700
THREE STAGE FULL FREE	3F400	4000	2355	5205	5370	1200	1045	6-6	4600	4600
	3F450	4500	2505	5705	5870	1350	1195	6-6	4600	4600
	3F500	5000	2755	6205	6370	1600	1445	6-6	4600	4600
	3F550	5500	2855	6705	6870	1700	1545	6-6	4400	4400
	3F600	6000	3105	7205	7370	1950	1795	6-6	4200	4200

¹⁾ 1 inch = 25,4 mm 1kg = 0.4536 lb * Add 10 mm for 2W and 3F masts with protector ** Exclude 10 mm for 3F masts with protector

MAST SPECIFICATIONS & RATED CAPACITIES: 6.0 & 7.0 TONNE

Mast type	Mast name	Maximum fork height (mm) ¹⁾	Overall height		Free lift				Tilt angle Forward/backward degrees	Load capacity Load centre 600 mm		
			Fully lowered (mm) ¹⁾	Fully extended (mm) ¹⁾		6.0 t		7.0 t		Double tyre (kg) ¹⁾	Double tyre (kg) ¹⁾	
				*Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾	*Without backrest (mm) ¹⁾	With STD backrest (mm) ¹⁾	*Without backrest (mm) ¹⁾				With STD backrest (mm) ¹⁾
TWO STAGE WIDE VIEW	2W270	2700	2360	3845	4070	160	160	170	170	6-12	6000	7000
	2W300	3000	2510	4145	4370	160	160	170	170	6-12	6000	7000
	2W330	3300	2660	4445	4670	160	160	170	170	6-12	6000	7000
	2W350	3500	2760	4645	4870	160	160	170	170	6-12	6000	7000
	2W370	3700	2860	4845	5070	160	160	170	170	6-12	6000	7000
	2W400	4000	3110	5145	5370	160	160	170	170	6-12	6000	7000
	2W450	4500	3360	5645	5870	160	160	170	170	6-12	6000	7000
	2W500	5000	3610	6145	6370	160	160	170	170	6-12	6000	7000
	2W550	5500	3960	6645	6870	160	160	170	170	6-6	5700	6700
THREE STAGE FULL FREE	3F400	4000	2360	5205	5370	1205	1050	1205	1060	6-6	5600	6600
	3F450	4500	2510	5705	5870	1355	1200	1355	1210	6-6	5600	6600
	3F500	5000	2760	6205	6370	1605	1450	1605	1460	6-6	5600	6600
	3F550	5500	2860	6705	6870	1705	1550	1705	1560	6-6	5400	6400
	3F600	6000	3110	7205	7370	1955	1800	1955	1810	6-6	5200	5500

¹⁾ 1 inch = 25,4 mm 1kg = 0.4536 lb * Add 10 mm for 2W and 3F masts with protector ** Exclude 10 mm for 3F masts with protector