

STANDARD SPECIFICATIONS

May 2008		Counterbalance trucks Designation according VDI 3586 Manufacturers Data and Design Characteristics	Data sheet for materials handling equipment				VDI 2198 Registration note
CHARACTERISTICS	1.1	Manufacturer		Nissan	Nissan	Nissan	Nissan
	1.2	Model name		GX-35		GX-40	
	1.3	Power unit: Electric, Diesel, Gasoline, LPG,others		LPG / Duel Fuel	Diesel	LPG / Duel Fuel	Diesel
	1.4	Operation: Sit, Hand, Pedestrian, Standing, Order picking		Sit	Sit	Sit	Sit
	1.5	Load capacity	Q (t)	3.5	3.5	4.0	4.0
	1.6	Load centre	c (mm)	600	600	600	600
	1.8	Front overhang	x (mm)	560	560	560	560
	1.9	Wheel base	y (mm)	2000	2000	2000	2000
WEIGHTS	2.1	Service weight	kg	5720*	5785	5905*	5970
	2.2	Axle load with load, front/rear	kg	8000/1220	8070/1215	8720/1185	8790/1180
	2.3	Axle load without load, front/rear	kg	2470/3250	2540/3245	2400/3505	2470/3500
WHEELS & TIRES	3.1	Tyres front/rear (C=Cushion,SE=superelastic,P=pneumatic)		Pneumatic			
	3.2	Tyre size, front		8.25-15-12PR	8.25-15-12PR	300-15-18PR	300-15-18PR
	3.3	Tyre size, rear		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
	3.5	Wheels, number front/rear (x=powered)		2x2	2x2	2x2	2x2
	3.6	Tread, front	b10(mm)	1250	1250	1180	1180
	3.7	Tread, rear	b11(mm)	1180	1180	1180	1180
DIMENSIONS	4.1	Tilt Mast/carriage, forward/backward	α/β (°)	6/12	6/12	6/12	6/12
	4.2	Height mast fully lowered	h1 (mm)	2145	2145	2145	2145
	4.3	Free lift	h2 (mm)	130	130	130	130
	4.4	Lift height	h3 (mm)	3000	3000	3000	3000
	4.5	Height mast fully extended	h4 (mm)	4100	4100	4100	4100
	4.7	Overhead guard height	h6 (mm)	2250	2250	2250	2250
	4.8	Seat height	h7 (mm)	1168	1168	1168	1168
	4.12	Towing coupler height	h10 (mm)	357	357	357	357
	4.19	Overall length	l1 (mm)	4165	4165	4198	4198
	4.20	Length to fork face	l2 (mm)	3098	3098	3128	3128
	4.21	Overall width	b1(mm)	1490	1490	1490	1490
	4.22	Fork dimensions	s/e/l (mm)	50x150x1070	50x150x1070	50x150x1070	50x150x1070
	4.23	Carriage DIN 15173, Class / Form A,B		3A	3A	3A	3A
	4.24	Carriage width	b3 (mm)	1200	1200	1200	1200
	4.31	Mast underclearance loaded	m1 (mm)	145	145	145	145
	4.32	Underclearance centre wheelbase	m2 (mm)	225	225	225	225
4.33	Right angle stacking aisle with pallet 1000 x 1200 across forks	Ast (mm)	4480	4480	4512	4512	
4.34	Right angle stacking aisle with pallet 800 x 1200 across forks	Ast (mm)	4280	4280	4312	4312	
4.35	Turning radius	Wa (mm)	2720	2720	2752	2752	
4.36	Internal turning radius	b13 (mm)	818	818	818	818	
PERFORMANCE	5.1	Travelling speed with/without load	km/h	18/18	18/19.5	18/18	18/19.5
	5.2	Lifting speed with/without load	m/s	480/480	500/520	480/480	500/520
	5.3	Lowering speed with/without load	m/s	500/500	500/500	500/500	500/500
	5.5	Drawbar pull, with/without load	kN	30/26	29/23	31/27	30/24
	5.7	Gradeability with/without load	%	32/27	27/27	28/26	26/24
	5.9	Acceleration with/without load	s				
5.10	Service brake		Hydraulic				
DRIVE	7.1	Engine manufacturer/type		Nissan TB45	Nissan TD42	Nissan TB45	Nissan TD42
	7.2	Engine rated power according ISO 1585	kW	63.9	61.0	63.9	61.0
	7.3	Rated engine revolutions	min ⁻¹	2450	2400	2450	2400
	7.4	Number of cylinders/Displacement	cm ³	6/4478	6/4169	6/4478	6/4169
	7.5	Fuel consumption according VDI cycle (60 cycles/hour)	kg/h; L/h				
OTHERS	8.1	Type of drive control		Torque convertor/1			
	8.2	Working pressure attachments	bar				
	8.3	Oil flow for attachment	L/min				
	8.4	Noise level operator's ear according EN 12053	dB(A)	79	79	79	79

* Excluding the weight for LPG bottle