NISSAN
FORKLIFT

TX Series

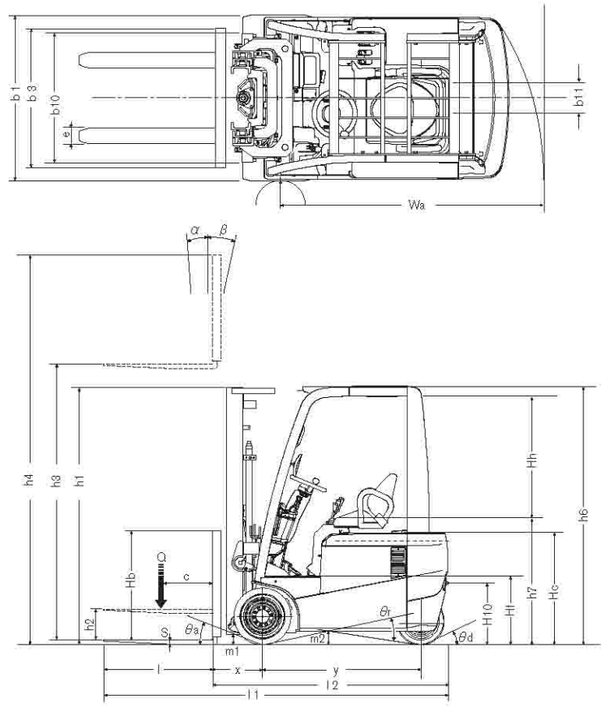
Pneumatic Tire/Electric Powered Models

1.25ton ▶ 2.0ton
at 500mm Load Center

NISSAN FORKLIFT CO., LTD.
SE1N1 1010 Printed in Japan

NOTE: The specifications in this brochure are for standard only. For further information, please contact your nearest Nissan Forklift dealer.
Specifications are subject to change without notice.

Dimensions



Mast Specifications & Rated Capacities

TX-13

Mast type	Mast name	Max. fork height mm*1	Overall height: Fully lowered mm*1	Overall height: Fully extended: Without backrest mm*1	Overall height: Fully extended: With STD backrest mm*1	Free lift: Without backrest mm*1	Free lift: With STD backrest mm*1	Front overhang*2: STD Fork 13-16t mm*1	Front overhang*2: Hook On S/S 13-16t mm*1	Front overhang*2: Integral S/S 13-16t mm*1	Tilt angle: Forward/backward deg	Load capacity*3: Load center 500mm: 1.25 ton kg*1
Two stage (Wide view 2W)	2W270	2700	1805	3280	3645	60	60	365	425	400	4/6	1250
	2W300	3000	1955	3580	3945	60	60				4/6	1250
	2W330	3300	2105	3880	4245	60	60				4/6	1250
	2W350	3500	2240	4080	4445	60	60				4/6	1250
	2W370	3700	2365	4280	4645	60	60				4/6	1250
	2W400	4000	2555	4580	4945	60	60				4/6	1250
	2W450	4500	2805	5080	5445	60	60				4/6	1150
	2W500	5000	3055	5580	5945	60	60				4/6	1100
Two stage (Full free 2F)	2F270	2700	1805	3280	3645	1225	860	360	420	395	4/6	1250
	2F300	3000	1955	3580	3945	1375	1010				4/6	1250
	2F330	3300	2105	3880	4245	1525	1160				4/6	1250
	2F350	3500	2240	4080	4445	1660	1295				4/6	1250
	2F370	3700	2365	4280	4645	1785	1420				4/6	1250
	2F400	4000	2555	4580	4945	1975	1610				4/6	1200
Three stage (Full free 3F)	3F385	3850	1805	4430	4795	1200	860	380	440	415	5/5	1200
	3F430	4300	1955	4880	5245	1375	1010				5/5	1150
	3F475	4750	2105	5330	5695	1525	1160				5/5	1050
	3F515	5150	2240	5730	6100	1660	1295				5/5	950
	3F550	5500	2365	6080	6445	1785	1420				5/5	950
	3F600	6000	2555	6580	6945	1975	1610				5/5	800
	3F650	6500	2805	7080	7445	2225	1860				5/5	550
	3F700	7000	3055	7580	7945	2475	2110				5/5	350
Three stage (Opti view 3V)	3V360	3600	1805	4145	4510	1260	895	435	495	470	5/5	1150
	3V405	4050	1955	4595	4960	1410	1045				5/5	1100
	3V450	4500	2105	5045	5410	1560	1195				5/5	1050
	3V490	4900	2240	5445	5810	1695	1330				5/5	950
	3V525	5250	2365	5795	6160	1920	1555				5/5	950
	3V575	5750	2555	6295	6660	2010	1645				5/5	800
	3V633	6330	2805	6875	7240	2260	1895				5/5	550
	3V688	6880	3055	7425	7790	2510	2145				5/5	350

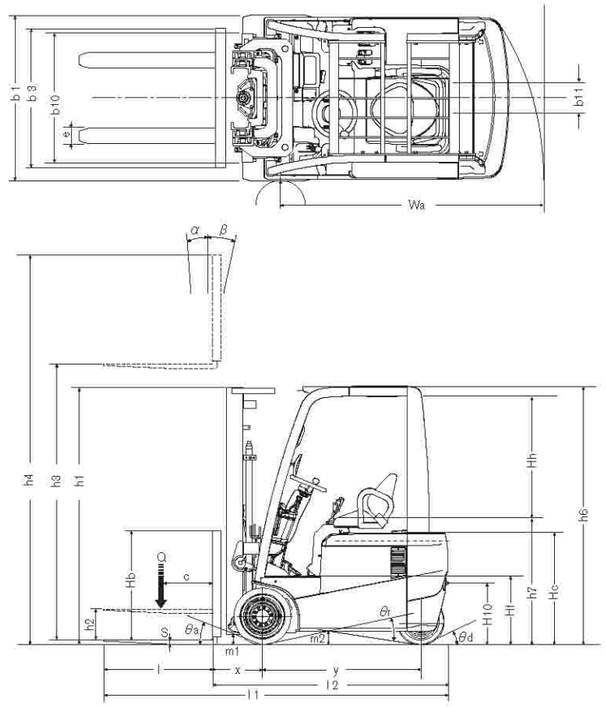
*1: 1 inch = 2.54mm 1kg = 0.4536 lb *2: With standard fork. *3: With Super Elastic tire.

Main Truck Specifications

		Item		TX-13	
DESIGNATION	1.1	Manufacturer		Nissan	1.1
	1.2	Model name		S1N1L13Q	1.2
	1.3	Power unit : battery, diesel, petrol, LP gas, mains power		Battery	1.3
	1.4	Operation : manual, pedestrian, stand on, seated, order picker		driver seated	1.4
	1.5	Load capacity	Q (t)	1.25	1.5
	1.6	Load center	c (mm)	500	1.6
	1.8	Front overhang	x (mm)	365	1.8
	1.9	Wheel base	y (mm)	1195	1.9
WEIGHT	2.1	Service weight	kg	2700	2.1
	2.2	Axle load with load, front/rear	kg	3515/435	2.2
	2.3	Axle load without load, front/rear	kg	1360/1340	2.3
TIRES, CHASSIS	3.1	Tires, front/rear (C=cushion, SE=super elastic)		SE (C) / SE (C)	3.1
	3.2	Tire size, front		18×7-8	3.2
	3.3	Tire size, rear		15×4.5-8	3.3
	3.5	Wheels, number front/rear (x=driven)		2× / 2	3.5
	3.6	Tread, front*1	b10(mm)	913 (930)	3.6
	3.7	Tread, rear	b11(mm)	170	3.7
DIMENSIONS	4.1	Mast tilt angle	α/β(°)	4/6	4.1
	4.2	Standard mast height, fully lowered	h1(mm)	1955	4.2
	4.3	Standard mast free lift	h2(mm)	60	4.3
	4.4	Standard mast lift height	h3(mm)	3000	4.4
	4.5	Standard mast height, fully extended	h4(mm)	3580	4.5
	4.7	Overhead guard height	h6(mm)	2110	4.7
	4.8	Height of seat/stand on platform	h7(mm)	957	4.8
	4.12	Towing coupler height	h10(mm)	495	4.12
	4.19	Overall length	l1(mm)	2685	4.19
	4.20	Length to fork face	l2(mm)	1785	4.20
	4.21	Overall width*1	b1(mm)	1070 (1105)	4.21
	4.22	Fork dimensions	s,e,l(mm)	35×100×900	4.22
	4.23	Fork carriage according to DIN 15173, class/form A, B		2A	4.23
	4.24	Carriage width	b3(mm)	920	4.24
	4.31	Ground clearance, mast	m1(mm)	75	4.31
	4.32	Ground clearance, center of wheel base	m2(mm)	100	4.32
	4.33	Right angle stacking aisle, pallet 1000×1200 across forks	Ast(mm)	3110	4.33
	4.34	Right angle stacking aisle, pallet 800×1200 across forks	Ast(mm)	2930	4.34
	4.35	Turning radius	Wa(mm)	1420	4.35
PERFORMANCE	5.1	Travel speed, with/without load	km/h	13.5/13.5	5.1
	5.2	Lifting speed, with/without load	m/s	0.33/0.5	5.2
	5.3	Lowering speed, with/without load	m/s	0.5/0.55	5.3
	5.6	Maximum drawbar pull, with/without load, 3 minute rating	N	10500	5.6
	5.8	Maximum gradeability, with/without load, 5 minute rating	%	24.1/34.8	5.8
	5.9	Acceleration time, with /without load (0-10m)	s	4.6/4.2	5.9
	5.10	Service brake		Hydraulic/Electric	5.10
ENGINE	6.1	Traction motor performance, 60 minute rating	kW	5.0×2	6.1
	6.2	Lift motor performance 20% rating	kW	8.0	6.2
	6.3	Battery according DIN 43531/35/36 A, B, C,. no		DIN 43531A	6.3
	6.4	Battery voltage/rated capacity (5h)	V/Ah	48 / 375	6.4
	6.5	Battery weight (±5%)	kg	550	6.5
	6.6	Energy consumption in accordance with VDI-cycle	kWh/h	—	6.6
OTHERS	8.1	Type of drive motor control		MOS-FET inverter	8.1
	8.2	Working pressure for attachments	bar	120	8.2
	8.4	Noise level at operator's ear according	dB(A)	—	8.4
	8.5	Towing coupler, design/type DIN, no		—	8.5

*1: Figure in brackets refer to cushion tires.

Dimensions



Mast Specifications & Rated Capacities

TX-15

Mast type	Mast name	Max. fork height mm*1	Overall height			Free lift		Front overhang*2			Tilt angle	Load capacity*3
			Fully lowered mm*1	Fully extended		Without backrest mm*1	With STD backrest mm*1	STD Fork	Hook On S/S	Integral S/S	Forward/ backward deg	Load center 500mm
				Without backrest mm*1	With STD backrest mm*1			13-16t mm*1	13-16t mm*1	13-16t mm*1		1.5 ton kg*1
Two stage (Wide view 2W)	2W270	2700	1805	3280	3645	60	60	365	425	400	4/6	1500
	2W300	3000	1955	3580	3945	60	60				4/6	1500
	2W330	3300	2105	3880	4245	60	60				4/6	1500
	2W350	3500	2240	4080	4445	60	60				4/6	1500
	2W370	3700	2365	4280	4645	60	60				4/6	1500
	2W400	4000	2555	4580	4945	60	60				4/6	1500
	2W450	4500	2805	5080	5445	60	60				4/6	1450
	2W500	5000	3055	5580	5945	60	60				4/6	1400
Two stage (Full free 2F)	2F270	2700	1805	3280	3645	1225	860	360	420	395	4/6	1500
	2F300	3000	1955	3580	3945	1375	1010				4/6	1500
	2F330	3300	2105	3880	4245	1525	1160				4/6	1500
	2F350	3500	2240	4080	4445	1660	1295				4/6	1500
	2F370	3700	2365	4280	4645	1785	1420				4/6	1500
	2F400	4000	2555	4580	4945	1975	1610				4/6	1500
Three stage (Full free 3F)	3F385	3850	1805	4430	4795	1200	860	380	440	415	5/5	1500
	3F430	4300	1955	4880	5245	1375	1010				5/5	1450
	3F475	4750	2105	5330	5695	1525	1160				5/5	1400
	3F515	5150	2240	5730	6100	1660	1295				5/5	1300
	3F550	5500	2365	6080	6445	1785	1420				5/5	1200
	3F600	6000	2555	6580	6945	1975	1610				5/5	900
	3F650	6500	2805	7080	7445	2225	1860				5/5	700/750
	3F700	7000	3055	7580	7945	2475	2110				5/5	500/550
Three stage (Opti view 3V)	3V360	3600	1805	4145	4510	1260	895	435	495	470	5/5	1400
	3V405	4050	1955	4595	4960	1410	1045				5/5	1350
	3V450	4500	2105	5045	5410	1560	1195				5/5	1300
	3V490	4900	2240	5445	5810	1695	1330				5/5	1250
	3V525	5250	2365	5795	6160	1920	1555				5/5	1200
	3V575	5750	2555	6295	6660	2010	1645				5/5	900
	3V633	6330	2805	6875	7240	2260	1895				5/5	700/750
	3V688	6880	3055	7425	7790	2510	2145				5/5	500/550

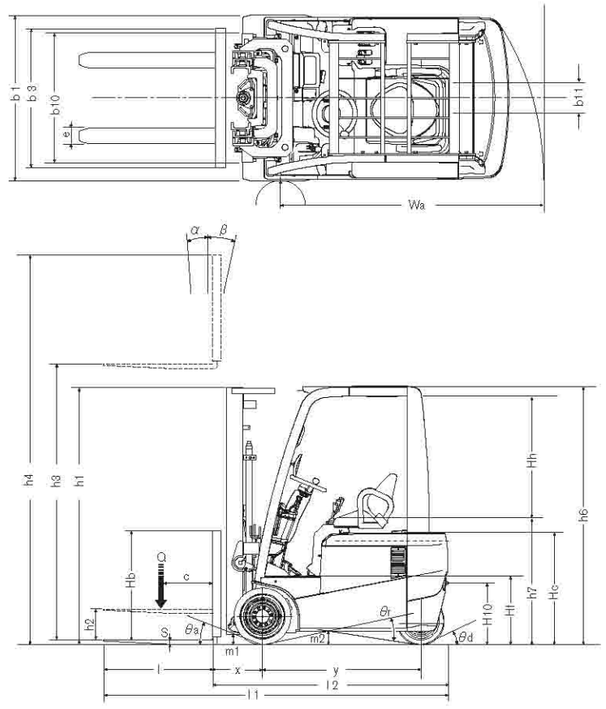
*1: 1 inch = 2.54mm 1kg = 0.4536 lb *2: With standard fork. *3: With Super Elastic tire.

Main Truck Specifications

		Item		TX-15		
DESIGNATION	1.1	Manufacturer		Nissan	Nissan	1.1
	1.2	Model name		S1N1L15Q	1N1L15Q	1.2
	1.3	Power unit : battery, diesel, petrol, LP gas, mains power		Battery	Battery	1.3
	1.4	Operation : manual, pedestrian, stand on, seated, order picker		driver seated	driver seated	1.4
	1.5	Load capacity	Q (t)	1.5	1.5	1.5
	1.6	Load center	c (mm)	500	500	1.6
	1.8	Front overhang	x (mm)	365	365	1.8
	1.9	Wheel base	y (mm)	1195	1300	1.9
WEIGHT	2.1	Service weight	kg	3020	2880	2.1
	2.2	Axle load with load, front/rear	kg	3995/525	3940/440	2.2
	2.3	Axle load without load, front/rear	kg	1405/1615	1440/1440	2.3
TIRES, CHASSIS	3.1	Tires, front/rear (C=cushion, SE=super elastic)		SE (C) / SE (C)	SE (C) / SE (C)	3.1
	3.2	Tire size, front		18×7-8	18×7-8	3.2
	3.3	Tire size, rear		15×4.5-8	15×4.5-8	3.3
	3.5	Wheels, number front/rear (x=driven)		2× / 2	2× / 2	3.5
	3.6	Tread, front*1	b10(mm)	913 (930)	913 (930)	3.6
	3.7	Tread, rear	b11(mm)	170	170	3.7
DIMENSIONS	4.1	Mast tilt angle	α/β(°)	4/6	4/6	4.1
	4.2	Standard mast height, fully lowered	h1(mm)	1955	1955	4.2
	4.3	Standard mast free lift	h2(mm)	60	60	4.3
	4.4	Standard mast lift height	h3(mm)	3000	3000	4.4
	4.5	Standard mast height, fully extended	h4(mm)	3580	3580	4.5
	4.7	Overhead guard height	h6(mm)	2110	2110	4.7
	4.8	Height of seat/stand on platform	h7(mm)	957	957	4.8
	4.12	Towing coupler height	h10(mm)	495	495	4.12
	4.19	Overall length	l1(mm)	2685	2790	4.19
	4.20	Length to fork face	l2(mm)	1785	1890	4.20
	4.21	Overall width*1	b1(mm)	1070 (1105)	1070 (1105)	4.21
	4.22	Fork dimensions	s,e,l(mm)	35×100×900	35×100×900	4.22
	4.23	Fork carriage according to DIN 15173, class/form A, B		2A	2A	4.23
	4.24	Carriage width	b3(mm)	920	920	4.24
	4.31	Ground clearance, mast	m1(mm)	75	75	4.31
	4.32	Ground clearance, center of wheel base	m2(mm)	100	100	4.32
	4.33	Right angle stacking aisle, pallet 1000×1200 across forks	Ast(mm)	3110	3215	4.33
	4.34	Right angle stacking aisle, pallet 800×1200 across forks	Ast(mm)	2930	3035	4.34
	4.35	Turning radius	Wa(mm)	1420	1525	4.35
PERFORMANCE	5.1	Travel speed, with/without load	km/h	13.5/13.5	13.5/13.5	5.1
	5.2	Lifting speed, with/without load	m/s	0.3/0.5	0.3/0.5	5.2
	5.3	Lowering speed, with/without load	m/s	0.5/0.55	0.5/0.55	5.3
	5.6	Maximum drawbar pull, with/without load, 3 minute rating	N	10500	10500	5.6
	5.8	Maximum gradeability, with/without load, 5 minute rating	%	20.8/30.9	21.3/31.2	5.8
	5.9	Acceleration time, with /without load (0-10m)	s	4.8/4.3	4.8/4.3	5.9
	5.10	Service brake		Hydraulic/Electric	Hydraulic/Electric	5.10
ENGINE	6.1	Traction motor performance, 60 minute rating	kW	5.0×2	5.0×2	6.1
	6.2	Lift motor performance 20% rating	kW	8.0	8.0	6.2
	6.3	Battery according DIN 43531/35/36 A, B, C,. no		DIN 43531A	DIN 43531A	6.3
	6.4	Battery voltage/rated capacity (5h)	V/Ah	48 / 430	48 / 460	6.4
	6.5	Battery weight (±5%)	kg	650	710	6.5
	6.6	Energy consumption in accordance with VDI-cycle	kWh/h	—	—	6.6
OTHERS	8.1	Type of drive motor control		MOS-FET inverter	MOS-FET inverter	8.1
	8.2	Working pressure for attachments	bar	120	120	8.2
	8.4	Noise level at operator's ear according	dB(A)	—	—	8.4
	8.5	Towing coupler, design/type DIN, no		—	—	8.5

*1: Figure in brackets refer to cushion tires.

Dimensions



Mast Specifications & Rated Capacities

TX-16

Mast type	Mast name	Max. fork height mm*1	Overall height: Fully lowered mm*1	Overall height: Fully extended: Without backrest mm*1	Overall height: Fully extended: With STD backrest mm*1	Free lift: Without backrest mm*1	Free lift: With STD backrest mm*1	Front overhang*2: STD Fork 13-16t mm*1	Front overhang*2: Hook On S/S 13-16t mm*1	Front overhang*2: Integral S/S 13-16t mm*1	Tilt angle: Forward/backward deg	Load capacity*3: Load center 500mm: 1.6 ton kg*1
Two stage (Wide view 2W)	2W270	2700	1805	3280	3645	60	60	365	425	400	4/6	1600
	2W300	3000	1955	3580	3945	60	60				4/6	1600
	2W330	3300	2105	3880	4245	60	60				4/6	1600
	2W350	3500	2240	4080	4445	60	60				4/6	1600
	2W370	3700	2365	4280	4645	60	60				4/6	1600
	2W400	4000	2555	4580	4945	60	60				4/6	1600
	2W450	4500	2805	5080	5445	60	60				4/6	1500
	2W500	5000	3055	5580	5945	60	60				4/6	1450
Two stage (Full free 2F)	2F270	2700	1805	3280	3645	1225	860	360	420	395	4/6	1600
	2F300	3000	1955	3580	3945	1375	1010				4/6	1600
	2F330	3300	2105	3880	4245	1525	1160				4/6	1600
	2F350	3500	2240	4080	4445	1660	1295				4/6	1600
	2F370	3700	2365	4280	4645	1785	1420				4/6	1600
	2F400	4000	2555	4580	4945	1975	1610				4/6	1550
Three stage (Full free 3F)	3F385	3850	1805	4430	4795	1200	860	380	440	415	5/5	1550
	3F430	4300	1955	4880	5245	1375	1010				5/5	1500
	3F475	4750	2105	5330	5695	1525	1160				5/5	1450
	3F515	5150	2240	5730	6100	1660	1295				5/5	1350
	3F550	5500	2365	6080	6445	1785	1420				5/5	1300
	3F600	6000	2555	6580	6945	1975	1610				5/5	1250
	3F650	6500	2805	7080	7445	2225	1860				5/5	1150
	3F700	7000	3055	7580	7945	2475	2110				5/5	1100
Three stage (Opti view 3V)	3V360	3600	1805	4145	4510	1260	895	435	495	470	5/5	1550
	3V405	4050	1955	4595	4960	1410	1045				5/5	1500
	3V450	4500	2105	5045	5410	1560	1195				5/5	1450
	3V490	4900	2240	5445	5810	1695	1330				5/5	1350
	3V525	5250	2365	5795	6160	1920	1555				5/5	1300
	3V575	5750	2555	6295	6660	2010	1645				5/5	1250
	3V633	6330	2805	6875	7240	2260	1895				5/5	1150
	3V688	6880	3055	7425	7790	2510	2145				5/5	1100

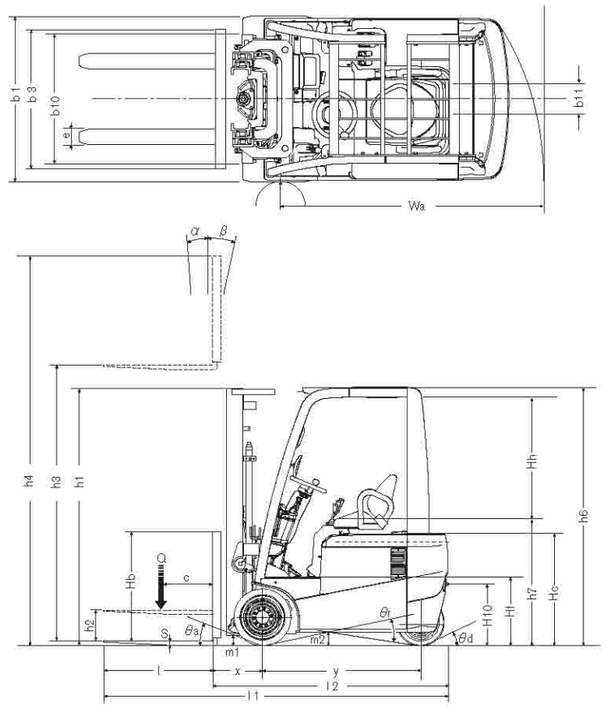
*1: 1 inch = 2.54mm 1kg = 0.4536 lb *2: With standard fork. *3: With Super Elastic tire.

Main Truck Specifications

		Item		TX-16	
DESIGNATION	1.1	Manufacturer		Nissan	1.1
	1.2	Model name		G1N1L16Q	1.2
	1.3	Power unit : battery, diesel, petrol, LP gas, mains power		Battery	1.3
	1.4	Operation : manual, pedestrian, stand on, seated, order picker		driver seated	1.4
	1.5	Load capacity	Q (t)	1.6	1.5
	1.6	Load center	c (mm)	500	1.6
	1.8	Front overhang	x (mm)	365	1.8
	1.9	Wheel base	y (mm)	1410	1.9
WEIGHT	2.1	Service weight	kg	3030	2.1
	2.2	Axle load with load, front/rear	kg	4145/485	2.2
	2.3	Axle load without load, front/rear	kg	1560/1470	2.3
TIRES, CHASSIS	3.1	Tires, front/rear (C=cushion, SE=super elastic)		SE (C) / SE (C)	3.1
	3.2	Tire size, front		18×7-8	3.2
	3.3	Tire size, rear		140/55-9	3.3
	3.5	Wheels, number front/rear (x=driven)		2× / 2	3.5
	3.6	Tread, front*1	b10(mm)	933 (930)	3.6
	3.7	Tread, rear	b11(mm)	170	3.7
DIMENSIONS	4.1	Mast tilt angle	α/β(°)	4/6	4.1
	4.2	Standard mast height, fully lowered	h1(mm)	1955	4.2
	4.3	Standard mast free lift	h2(mm)	60	4.3
	4.4	Standard mast lift height	h3(mm)	3000	4.4
	4.5	Standard mast height, fully extended	h4(mm)	3580	4.5
	4.7	Overhead guard height	h6(mm)	2110	4.7
	4.8	Height of seat/stand on platform	h7(mm)	957	4.8
	4.12	Towing coupler height	h10(mm)	495	4.12
	4.19	Overall length	l1(mm)	2900	4.19
	4.20	Length to fork face	l2(mm)	2000	4.20
	4.21	Overall width*1	b1(mm)	1090 (1105)	4.21
	4.22	Fork dimensions	s,e,l(mm)	35×100×900	4.22
	4.23	Fork carriage according to DIN 15173, class/form A, B		2A	4.23
	4.24	Carriage width	b3(mm)	920	4.24
	4.31	Ground clearance, mast	m1(mm)	75	4.31
	4.32	Ground clearance, center of wheel base	m2(mm)	100	4.32
	4.33	Right angle stacking aisle, pallet 1000×1200 across forks	Ast(mm)	3325	4.33
	4.34	Right angle stacking aisle, pallet 800×1200 across forks	Ast(mm)	3145	4.34
	4.35	Turning radius	Wa(mm)	1635	4.35
PERFORMANCE	5.1	Travel speed, with/without load	km/h	15.0/16.0	5.1
	5.2	Lifting speed, with/without load	m/s	0.4/0.6	5.2
	5.3	Lowering speed, with/without load	m/s	0.5/0.55	5.3
	5.6	Maximum drawbar pull, with/without load, 3 minute rating	N	10500	5.6
	5.8	Maximum gradeability, with/without load, 5 minute rating	%	20.4/30.4	5.8
	5.9	Acceleration time, with /without load (0-10m)	s	4.4/4.0	5.9
	5.10	Service brake		Hydraulic/Electric	5.10
ENGINE	6.1	Traction motor performance, 60 minute rating	kW	5.0×2	6.1
	6.2	Lift motor performance 20% rating	kW	11.0	6.2
	6.3	Battery according DIN 43531/35/36 A, B, C,. no		DIN 43531A	6.3
	6.4	Battery voltage/rated capacity (5h)	V/Ah	48 / 625	6.4
	6.5	Battery weight (±5%)	kg	930	6.5
	6.6	Energy consumption in accordance with VDI-cycle	kWh/h	—	6.6
OTHERS	8.1	Type of drive motor control		MOS-FET inverter	8.1
	8.2	Working pressure for attachments	bar	120	8.2
	8.4	Noise level at operator's ear according	dB(A)	—	8.4
	8.5	Towing coupler, design/type DIN, no		—	8.5

*1: Figure in brackets refer to cushion tires.

Dimensions



Mast Specifications & Rated Capacities

TX-18

Mast type	Mast name	Max. fork height mm*1	Overall height			Free lift		Front overhang*2			Tilt angle	Load capacity*3	
			Fully lowered mm*1	Fully extended		Without backrest mm*1	With STD backrest mm*1	STD Fork	Hook On S/S	Integral S/S	Forward/ backward deg	Load center 500mm	
				Without backrest mm*1	With STD backrest mm*1			18-20t mm*1	18-20t mm*1	18-20t mm*1		1.75 ton kg*1	1.8 ton kg*1
Two stage (Wide view 2W)	2W270	2700	1805	3280	3645	60	60	370	430	405	4/6	1750	1800
	2W300	3000	1955	3580	3945	60	60				4/6	1750	1800
	2W330	3300	2105	3880	4245	60	60				4/6	1750	1800
	2W350	3500	2240	4080	4445	60	60				4/6	1750	1800
	2W370	3700	2365	4280	4645	60	60				4/6	1750	1800
	2W400	4000	2555	4580	4945	60	60				4/6	1700	1750
	2W450	4500	2805	5080	5445	60	60				4/6	1600	1650
	2W500	5000	3055	5580	5945	60	60				4/6	1500	1550
Two stage (Full free 2F)	2F270	2700	1805	3280	3645	1225	860	365	425	400	4/6	1750	1800
	2F300	3000	1955	3580	3945	1375	1010				4/6	1750	1800
	2F330	3300	2105	3880	4245	1525	1160				4/6	1750	1800
	2F350	3500	2240	4080	4445	1660	1295				4/6	1750	1800
	2F370	3700	2365	4280	4645	1785	1420				4/6	1700	1750
	2F400	4000	2555	4580	4945	1975	1610				4/6	1650	1700
Three stage (Full free 3F)	3F385	3850	1805	4430	4795	1200	860	385	445	420	5/5	1650	1700
	3F430	4300	1955	4880	5245	1375	1010				5/5	1600	1650
	3F475	4750	2105	5330	5695	1525	1160				5/5	1550	1600
	3F515	5150	2240	5730	6100	1660	1295				5/5	1450	1500
	3F550	5500	2365	6080	6445	1785	1420				5/5	1250	1400
	3F600	6000	2555	6580	6945	1975	1610				5/5	950	1350
	3F650	6500	2805	7080	7445	2225	1860				5/5	—	1300
	3F700	7000	3055	7580	7945	2475	2110				5/5	—	1200
Three stage (Opti view 3V)	3V360	3600	1805	4145	4510	1260	895	440	500	475	5/5	1500	1700
	3V405	4050	1955	4595	4960	1410	1045				5/5	1500	1650
	3V450	4500	2105	5045	5410	1560	1195				5/5	1500	1600
	3V490	4900	2240	5445	5810	1695	1330				5/5	1450	1500
	3V525	5250	2365	5795	6160	1920	1555				5/5	1250	1400
	3V575	5750	2555	6295	6660	2010	1645				5/5	950	1300
	3V633	6330	2805	6875	7240	2260	1895				5/5	—	1200
	3V688	6880	3055	7425	7790	2510	2145				5/5	—	1150

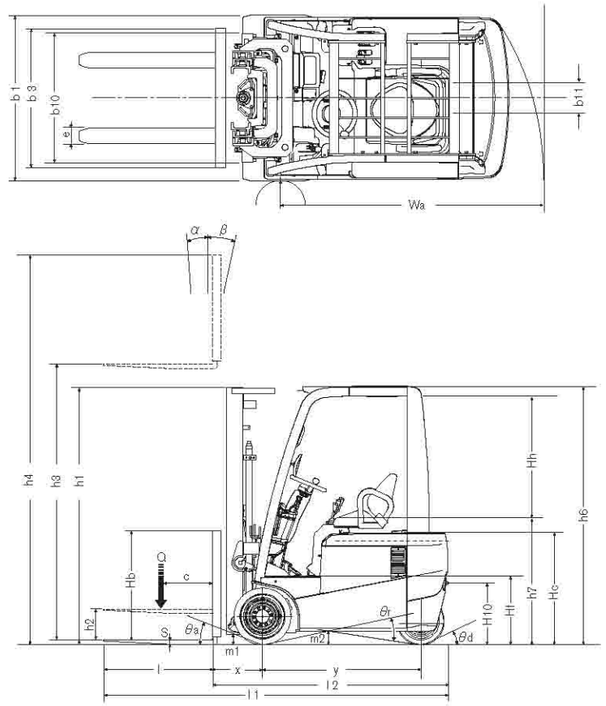
*1: 1 inch = 2.54mm 1kg = 0.4536 lb *2: With standard fork. *3: With Super Elastic tire.

Main Truck Specifications

		Item		TX-18		
DESIGNATION	1.1	Manufacturer		Nissan	Nissan	1.1
	1.2	Model name		1N1L18Q	G1N1L18Q	1.2
	1.3	Power unit : battery, diesel, petrol, LP gas, mains power		Battery	Battery	1.3
	1.4	Operation : manual, pedestrian, stand on, seated, order picker		driver seated	driver seated	1.4
	1.5	Load capacity	Q (t)	1.75	1.8	1.5
	1.6	Load center	c (mm)	500	500	1.6
	1.8	Front overhang	x (mm)	370	370	1.8
	1.9	Wheel base	y (mm)	1300	1410	1.9
WEIGHT	2.1	Service weight	kg	3085	3210	2.1
	2.2	Axle load with load, front/rear	kg	4375/460	4570/440	2.2
	2.3	Axle load without load, front/rear	kg	1450/1635	1655/1555	2.3
TIRES, CHASSIS	3.1	Tires, front/rear (C=cushion, SE=super elastic)		SE (C) / SE (C)	SE (C) / SE (C)	3.1
	3.2	Tire size, front		18×7-8	200/50-10	3.2
	3.3	Tire size, rear		140/55-9	140/55-9	3.3
	3.5	Wheels, number front/rear (x=driven)		2× / 2	2× / 2	3.5
	3.6	Tread, front*1	b10(mm)	913 (930)	930 (930)	3.6
	3.7	Tread, rear	b11(mm)	170	170	3.7
DIMENSIONS	4.1	Mast tilt angle	α/β(°)	4/6	4/6	4.1
	4.2	Standard mast height, fully lowered	h1(mm)	1955	1955	4.2
	4.3	Standard mast free lift	h2(mm)	60	60	4.3
	4.4	Standard mast lift height	h3(mm)	3000	3000	4.4
	4.5	Standard mast height, fully extended	h4(mm)	3580	3580	4.5
	4.7	Overhead guard height	h6(mm)	2110	2110	4.7
	4.8	Height of seat/stand on platform	h7(mm)	957	957	4.8
	4.12	Towing coupler height	h10(mm)	495	495	4.12
	4.19	Overall length	l1(mm)	2795	2905	4.19
	4.20	Length to fork face	l2(mm)	1895	2005	4.20
	4.21	Overall width*1	b1(mm)	1070 (1105)	1120 (1105)	4.21
	4.22	Fork dimensions	s,e,l(mm)	40×100×900	40×100×900	4.22
	4.23	Fork carriage according to DIN 15173, class/form A, B		2A	2A	4.23
	4.24	Carriage width	b3(mm)	920	920	4.24
	4.31	Ground clearance, mast	m1(mm)	75	75	4.31
	4.32	Ground clearance, center of wheel base	m2(mm)	100	100	4.32
	4.33	Right angle stacking aisle, pallet 1000×1200 across forks	Ast(mm)	3215	3330	4.33
	4.34	Right angle stacking aisle, pallet 800×1200 across forks	Ast(mm)	3035	3150	4.34
	4.35	Turning radius	Wa(mm)	1525	1635	4.35
PERFORMANCE	5.1	Travel speed, with/without load	km/h	13.5/13.5	15.0/16.0	5.1
	5.2	Lifting speed, with/without load	m/s	0.27/0.5	0.37/0.6	5.2
	5.3	Lowering speed, with/without load	m/s	0.5/0.55	0.5/0.55	5.3
	5.6	Maximum drawbar pull, with/without load, 3 minute rating	N	10500	10500	5.6
	5.8	Maximum gradeability, with/without load, 5 minute rating	%	19.1/29.6	17.9/27.8	5.8
	5.9	Acceleration time, with /without load (0-10m)	s	4.9/4.4	4.6/4.1	5.9
	5.10	Service brake		Hydraulic/Electric	Hydraulic/Electric	5.10
ENGINE	6.1	Traction motor performance, 60 minute rating	kW	5.0×2	5.0×2	6.1
	6.2	Lift motor performance 20% rating	kW	8.0	11.0	6.2
	6.3	Battery according DIN 43531/35/36 A, B, C,. no		DIN 43531A	DIN 43531A	6.3
	6.4	Battery voltage/rated capacity (5h)	V/Ah	48 / 460	48 / 750	6.4
	6.5	Battery weight (±5%)	kg	710	1100	6.5
	6.6	Energy consumption in accordance with VDI-cycle	kWh/h	—	—	6.6
OTHERS	8.1	Type of drive motor control		MOS-FET inverter	MOS-FET inverter	8.1
	8.2	Working pressure for attachments	bar	120	120	8.2
	8.4	Noise level at operator's ear according	dB(A)	—	—	8.4
	8.5	Towing coupler, design/type DIN, no		—	—	8.5

*1: Figure in brackets refer to cushion tires.

Dimensions



Mast Specifications & Rated Capacities

TX-20

Mast type	Mast name	Max. fork height mm*1	Overall height: Fully lowered mm*1	Overall height: Fully extended: Without backrest mm*1	Overall height: Fully extended: With STD backrest mm*1	Free lift: Without backrest mm*1	Free lift: With STD backrest mm*1	Front overhang*2: STD Fork 18-20t mm*1	Front overhang*2: Hook On S/S 18-20t mm*1	Front overhang*2: Integral S/S 18-20t mm*1	Tilt angle: Forward/backward deg	Load capacity*3: Load center 500mm: 2.0 ton kg*1
Two stage (Wide view 2W)	2W270	2700	1805	3280	3645	60	60	370	430	405	4/6	2000
	2W300	3000	1955	3580	3945	60	60				4/6	2000
	2W330	3300	2105	3880	4245	60	60				4/6	2000
	2W350	3500	2240	4080	4445	60	60				4/6	2000
	2W370	3700	2365	4280	4645	60	60				4/6	2000
	2W400	4000	2555	4580	4945	60	60				4/6	1950
	2W450	4500	2805	5080	5445	60	60				4/6	1850
	2W500	5000	3055	5580	5945	60	60				4/6	1750
Two stage (Full free 2F)	2F270	2700	1805	3280	3645	1225	860	365	425	400	4/6	2000
	2F300	3000	1955	3580	3945	1375	1010				4/6	2000
	2F330	3300	2105	3880	4245	1525	1160				4/6	2000
	2F350	3500	2240	4080	4445	1660	1295				4/6	2000
	2F370	3700	2365	4280	4645	1785	1420				4/6	1950
	2F400	4000	2555	4580	4945	1975	1610				4/6	1900
Three stage (Full free 3F)	3F385	3850	1805	4430	4795	1200	860	385	445	420	5/5	1900
	3F430	4300	1955	4880	5245	1375	1010				5/5	1850
	3F475	4750	2105	5330	5695	1525	1160				5/5	1750
	3F515	5150	2240	5730	6100	1660	1295				5/5	1650
	3F550	5500	2365	6080	6445	1785	1420				5/5	1550
	3F600	6000	2555	6580	6945	1975	1610				5/5	1450
	3F650	6500	2805	7080	7445	2225	1860				5/5	1350
	3F700	7000	3055	7580	7945	2475	2110				5/5	1200
Three stage (Opti view 3V)	3V360	3600	1805	4145	4510	1260	895	440	500	475	5/5	1850
	3V405	4050	1955	4595	4960	1410	1045				5/5	1800
	3V450	4500	2105	5045	5410	1560	1195				5/5	1700
	3V490	4900	2240	5445	5810	1695	1330				5/5	1650
	3V525	5250	2365	5795	6160	1920	1555				5/5	1550
	3V575	5750	2555	6295	6660	2010	1645				5/5	1450
	3V633	6330	2805	6875	7240	2260	1895				5/5	1350
	3V688	6880	3055	7425	7790	2510	2145				5/5	1200

*1: 1 inch = 2.54mm 1kg = 0.4536 lb *2: With standard fork. *3: With Super Elastic tire.

Main Truck Specifications

		Item		TX-20	
DESIGNATION	1.1	Manufacturer		Nissan	1.1
	1.2	Model name		G1N1L20Q	1.2
	1.3	Power unit : battery, diesel, petrol, LP gas, mains power		Battery	1.3
	1.4	Operation : manual, pedestrian, stand on, seated, order picker		driver seated	1.4
	1.5	Load capacity	Q (t)	2.0	1.5
	1.6	Load center	c (mm)	500	1.6
	1.8	Front overhang	x (mm)	370	1.8
	1.9	Wheel base	y (mm)	1410	1.9
WEIGHT	2.1	Service weight	kg	3320	2.1
	2.2	Axle load with load, front/rear	kg	4885/435	2.2
	2.3	Axle load without load, front/rear	kg	1645/1675	2.3
TIRES, CHASSIS	3.1	Tires, front/rear (C=cushion, SE=super elastic)		SE (C) / SE (C)	3.1
	3.2	Tire size, front		200/50-10	3.2
	3.3	Tire size, rear		140/55-9	3.3
	3.5	Wheels, number front/rear (x=driven)		2× / 2	3.5
	3.6	Tread, front*1	b10(mm)	930 (930)	3.6
	3.7	Tread, rear	b11(mm)	170	3.7
DIMENSIONS	4.1	Mast tilt angle	α/β(°)	4/6	4.1
	4.2	Standard mast height, fully lowered	h1(mm)	1955	4.2
	4.3	Standard mast free lift	h2(mm)	60	4.3
	4.4	Standard mast lift height	h3(mm)	3000	4.4
	4.5	Standard mast height, fully extended	h4(mm)	3580	4.5
	4.7	Overhead guard height	h6(mm)	2110	4.7
	4.8	Height of seat/stand on platform	h7(mm)	957	4.8
	4.12	Towing coupler height	h10(mm)	495	4.12
	4.19	Overall length	l1(mm)	2905	4.19
	4.20	Length to fork face	l2(mm)	2005	4.20
	4.21	Overall width*1	b1(mm)	1120 (1105)	4.21
	4.22	Fork dimensions	s,e,l(mm)	40×100×900	4.22
	4.23	Fork carriage according to DIN 15173, class/form A, B		2A	4.23
	4.24	Carriage width	b3(mm)	920	4.24
	4.31	Ground clearance, mast	m1(mm)	75	4.31
	4.32	Ground clearance, center of wheel base	m2(mm)	100	4.32
	4.33	Right angle stacking aisle, pallet 1000×1200 across forks	Ast(mm)	3330	4.33
	4.34	Right angle stacking aisle, pallet 800×1200 across forks	Ast(mm)	3150	4.34
	4.35	Turning radius	Wa(mm)	1635	4.35
PERFORMANCE	5.1	Travel speed, with/without load	km/h	15.0/16.0	5.1
	5.2	Lifting speed, with/without load	m/s	0.35/0.58	5.2
	5.3	Lowering speed, with/without load	m/s	0.5/0.55	5.3
	5.6	Maximum drawbar pull, with/without load, 3 minute rating	N	10500	5.6
	5.8	Maximum gradeability, with/without load, 5 minute rating	%	16.1/25.6	5.8
	5.9	Acceleration time, with /without load (0-10m)	s	4.7/4.2	5.9
	5.10	Service brake		Hydraulic/Electric	5.10
ENGINE	6.1	Traction motor performance, 60 minute rating	kW	5.0×2	6.1
	6.2	Lift motor performance 20% rating	kW	11.0	6.2
	6.3	Battery according DIN 43531/35/36 A, B, C,. no		DIN 43531A	6.3
	6.4	Battery voltage/rated capacity (5h)	V/Ah	48 / 750	6.4
	6.5	Battery weight (±5%)	kg	1100	6.5
	6.6	Energy consumption in accordance with VDI-cycle	kWh/h	—	6.6
OTHERS	8.1	Type of drive motor control		MOS-FET inverter	8.1
	8.2	Working pressure for attachments	bar	120	8.2
	8.4	Noise level at operator's ear according	dB(A)	—	8.4
	8.5	Towing coupler, design/type DIN, no		—	8.5

*1: Figure in brackets refer to cushion tires.