



N Series IC Forklift 1500kg to 3500kg Load Capacity

- Reliability
- Advanced Safety
- Ergonomics and Comfort
- Superb Productivity



UN's 1500kg to 3500kg forklifts are designed to excel in the most challenging environments. With increased safety, enhanced cooling system, reduced noise and vibration levels and low maintenance, the UN forklifts reduce the total cost of ownership. With refined performance at an affordable price, UN forklifts provide reliable solutions with increased efficiency to drive productivity in your operations.

01

02



Reliability

10% **Steering System**
The hydraulic steering system improves energy efficiency.

25% **Lifting & Driving System**
The unique hydraulic technology increases lifting speed by 25% and improves driving speed.



Excellent hydraulic system delivers great performance

- Uses a load-sensing flow control valve for steering to reduce horsepower loss and heat buildup.
- The main hydraulic valve incorporates adjustable flow controls for tilt and auxiliary functions.
- Allows for easy addition of extra functions and simplifies service.
- Controlled lowering speed that is independent of load speed.

03

Rugged Engine and Optimal Performance



EPA Tier IV
EURO III A/B

Market leading, quality engines ensure superior performance, durability and excellent fuel efficiency.



Heavy Duty One-Piece Truck Frame

Heavy duty one-piece truck frame, with its welded and formed steel plate design, protects it from impact damage and extends the life span.



New Designed Radiator

New radiator is designed with thinner water conduits and extended wave length to increase ventilation and air flow.



Multi-functional Dashboard

The newly designed dashboard, has larger screens resulting in improved visibility.

Repositioning of hydraulic pipelines around the fuel tank and the enhanced cooling system keeps engine temperatures lower, even in the harshest working environments.



04



Advanced Safety



Strong Rollover Protection Structure

Exceeding CE or ANSI regulations, the ROPS offers optimal protection combined with excellent all-around visibility.



Excellent Visibility for Safe Operation

Optimised lift cylinder arrangement provides operator with wider visibility and the panoramic mirror expands the driver's view when reversing.



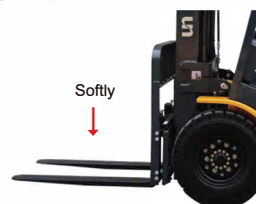
Parking Brake

Toggle type parking brake requires less effort from the operator to set.



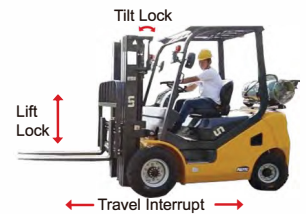
Fork Safety Features

When the forks are being lowered, a down-control valve maintains the controlled speed. The down-safety valve prevents forks from dropping down in case of sudden damage to the hydraulic line.



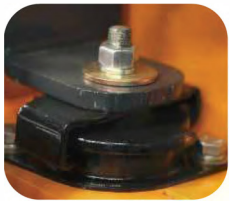
OPS Operator Presence Sensor (Optional)

This comprehensive safety system includes a seal-actuated, power interrupt with mast-lock, automatically preventing lift and tilt operations if the operator leaves the seat.





Optimised Ergonomics



The Latest Anti-Vibration and Shock Absorbing System

The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This reduces operator's fatigue and increases safety.



Superior Comfort from Suspension Design

The suspension cab and seat design reduces travel vibration by 30%, so the operator feels less fatigue and greater comfort.



Steering Adjuster

To achieve a comfortable drive position, the angle of the steering column is easily adjusted and the steering wheel can be adjusted by a lever on the left-hand side.

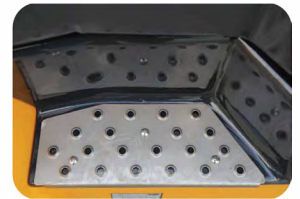


Steering Wheel



Ergonomically Positioned Pedals

The accelerator, brake and inching pedals are positioned for operator's comfort to reduce fatigue.



Lowered Entrance Height

The lowered entrance height ensures easy and safe access for the operator. The wide open step offers convenience and safety when entering and exiting the truck.



Fuel Cap

Manufactured from durable materials and made for sealing and venting.



Comfortable Seat

Great comfort is experienced by the driver with a suspension seat and weight adjuster.



Switch and buzzer

Hazard lights switch and reverse buzzer



Engine Hood

Lockable engine hood.



Fast and Easy Maintenance



Wide Opening Engine Hood

Easily accessible engine compartment assures fast and efficient maintenance.



Easy Change of Air Cleaner

The air filter is readily accessible for cleaning or replacement.

Quick and Easy Engine Oil Check



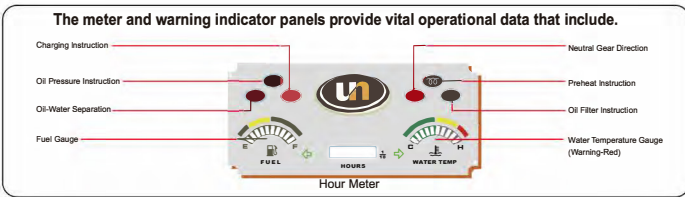
Easy Gas Tank Change

The LPG cylinder is easily installed and the swing down bracket allows the operator to remove the tank in a lower position with minimal effort.



Easy Maintenance Oil Check

The TMI oil level can be checked easily without any disassembly.



The meter and warning indicator panels provide vital operational data that include.

- Charging Instruction
- Oil Pressure Instruction
- Oil-Water Separation
- Fuel Gauge
- Neutral Gear Direction
- Preheat Instruction
- Oil Filter Instruction
- Water Temperature Gauge (Warning-Red)

Hour Meter

1.5-1.8 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max Fork Height (mm)	Load Capacity (kg)				Overall Height (mm)				Free Lift (mm)		Til Angle (Single)	Til Angle (Double)	Total Weight (kg)	
			Lowered		Extended		Without Backrest		With Backrest		1.5t/1.8t	1.5t/1.8t			1.5t	1.8t
			1.5t	1.8t	Without Backrest	With Backrest	Without Backrest	With Backrest								
Wide View Mast	M330	3000	1900	1900	2025	2025	4055	100	100	6-12	2900	2900				
	M330	3300	1900	1800	2175	3875	4305	100	100	6-12	2875	3005				
	M350	3500	1900	1800	2275	4075	4505	100	100	6-12	2885	3015				
	M400	4000	1900	1700	2575	4575	5005	100	100	6-6	*6-12	2955	3095			
	M430	4300	1300	1600	2725	4875	5305	100	100	6-6	*6-12	2940	3070			
3-Stage Full Free Mast	M440	4500	1200	1500	2825	5075	5505	100	100	6-6	*6-12	2955	3085			
	M470	4700	1100	1400	2925	5275	5705	100	100	6-6	*6-12	2965	3095			
	M500	5000	900	1000	3125	5575	6005	100	100	6-6	*6-12	2955	3125			
	M550	5500	800	900	3375	6075	6505	100	100	3-6	*3-6	3000	3050			
	M600	6000	600	700	3625	6575	7005	100	100	3-6	*3-6	3045	3175			
3-Stage Full Free Mast	FM300	3000	1900	1800	2025	3570	4050	1460	890	6-12	*6-12	2935	3005			
	FM300	3300	1900	1800	2175	3820	4400	1610	1130	6-12	*6-12	2950	3080			
	FM350	3500	1900	1800	2275	4070	4650	1710	1230	6-12	*6-12	2960	3090			
	FM400	4000	1800	1600	2525	4570	5050	1830	900	6-6	*6-6	3025	3155			
	FM430	4300	1200	1500	2625	4870	5350	1400	1000	6-6	*6-6	3045	3175			
3-Stage Full Free Mast	TFM400	4000	1200	1500	2025	4870	5350	1400	1000	6-6	*6-6	3060	3190			
	TFM450	4500	1200	1500	2075	5070	5550	1500	1050	6-6	*6-6	3080	3190			
	TFM470	4700	1180	1400	2125	5270	5750	1585	1100	6-6	*6-6	3070	3205			
	TFM500	5000	900	1200	2225	5570	6050	1685	1200	6-6	*6-6	3100	3230			
	TFM550	5500	800	1000	2425	6070	6550	1800	1400	3-6	*3-6	3140	3270			
TFM600	6000	600	700	2625	6570	7050	2000	1600	3-6	*3-6	3190	3320				

Note: With separated side shifter, load capacity subtract 150kg; with integrated side shifter, load capacity subtract 50kg.

2.0-2.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max Fork Height (mm)	Load Capacity (kg)				Overall Height (mm)				Free Lift (mm)		Til Angle (Single)	Til Angle (Double)	Total Weight (kg)		
			Lowered		Extended		Without Backrest		With Backrest		2.0t/2.5t	2.0t/2.5t			2.0t	2.5t	
			2.0t	2.5t	Without Backrest	With Backrest	Without Backrest	With Backrest									
Wide View Mast	M300	3000	2000	2000	2000	2055	3885	4070	100	100	6-12	3285	3305				
	M330	3300	2000	2000	2500	2205	3880	4370	100	100	6-12	3410	3627				
	M350	3500	2000	2000	2500	2305	4080	4870	100	100	6-12	3425	3645				
	M400	4000	2000	2000	2400	2605	4580	5070	100	100	6-6	*6-12	3465	3655			
	M430	4300	1800	2100	2150	2705	4880	5370	100	100	6-6	*6-12	3520	3710			
3-Stage Full Free Mast	M450	4500	1800	*1900	2000	*2400	2855	5080	5570	100	100	6-6	*6-12	3535	3725		
	M470	4700	1400	*1800	1800	*2200	2955	5285	5770	100	100	6-6	*6-12	3555	3745		
	M500	5000	1300	*1700	1800	*2100	3105	5580	6070	100	100	6-6	*6-6	3585	3775		
	M550	5500	1100	*1600	1300	*1700	3405	6080	6570	100	100	3-6	*3-6	3625	3815		
	M600	6000	900	*1500	1000	*1500	3555	6580	7070	100	100	3-6	*3-6	3665	3855		
3-Stage Full Free Mast	FM300	3000	2000	2000	2500	2070	3805	4068	1470	1007	6-12	3425	3645				
	FM350	3300	2000	2000	2500	2220	3955	4418	1620	1157	6-12	3480	3670				
	FM400	4000	2000	2000	2500	2320	4105	4558	1720	1257	6-12	3495	3685				
	FM450	4500	2000	2000	2500	2670	4605	5068	2000	1507	6-6	*6-12	3535	3725			
	FM470	4700	1800	*1800	2000	*2500	1945	4807	5070	1300	885	6-6	*6-6	3595	3755		
3-Stage Full Free Mast	TFM400	4000	1800	*1800	2000	*2500	2045	4907	5370	1400	985	6-6	*6-6	3595	3755		
	TFM450	4500	1700	*1800	2000	*2300	2095	5107	5570	1498	1035	6-6	*6-6	3615	3805		
	TFM470	4700	1600	*1750	1800	*2200	2145	5307	5770	1548	1085	6-6	*6-6	3635	3825		
	TFM500	5000	1400	*1600	1500	*2000	2245	5507	6070	1648	1135	6-6	*6-6	3655	3855		
	TFM550	5500	1100	*1500	1200	*1800	2445	6107	6570	1800	1385	3-6	*3-6	3715	3905		
3-Stage Full Free Mast	TFM600	6000	800	*1400	850	*1600	2645	6707	7070	2000	1585	3-6	*3-6	3765	3985		
	TFM650	6500	500	*1100	650	*1300	2845	7307	7370	2200	1535	3-6	*3-6	3815	4035		
	TFM700	7000	100	*700	100	*800	3045	7907	8070	2300	2035	3-6	*3-6	3865	4085		

Note: 1. With separated side shifter, load capacity subtract 200 kg; with integrated side shifter, load capacity subtract 50 kg. 2. * (Asterisk) is for double front wheels model.

3.0-3.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max Fork Height (mm)	Load Capacity (kg)				Overall Height (mm)				Free Lift (mm)		Til Angle (Single)	Til Angle (Double)	Total Weight (kg)		
			Lowered		Extended		Without Backrest		With Backrest		3.0t/3.5t	3.0t/3.5t			3.0t	3.5t	
			3.0t	3.5t	Without Backrest	With Backrest	Without Backrest	With Backrest									
Wide View Mast	M300	3000	3000	3000	2070	3895	4070	100	100	6-12	4460	4770					
	M330	3300	3000	3000	2220	3895	4370	100	100	6-12	4485	4800					
	M350	3500	3000	3000	2320	4095	4870	100	100	6-12	4500	4825					
	M400	4000	2800	2800	2620	4595	5070	100	100	6-6	*6-12	4540	4855				
	M430	4300	2800	3100	2770	4895	5370	100	100	6-6	*6-12	4585	4890				
3-Stage Full Free Mast	M450	4500	2600	*2900	2900	*3000	2870	5095	5570	100	100	6-6	*6-12	4580	4905		
	M470	4700	2600	2600	2800	2970	2975	5770	100	100	6-6	*6-12	4585	4910			
	M500	5000	2200	*2900	2400	*2800	3170	5995	6070	100	100	6-6	*6-6	4590	4955		
	M550	5500	2000	*2400	2200	*2650	3430	6595	6370	100	100	3-6	*3-6	4640	5005		
	M600	6000	1600	*2000	1600	*2400	3670	6995	7070	100	100	3-6	*3-6	4720	5045		
3-Stage Full Free Mast	FM300	3000	3000	3000	2070	3900	4068	1360	907	6-12	4540	4800					
	FM350	3300	3000	3000	2220	3940	4415	1532	1057	6-12	4565	4880					
	FM400	4000	3000	3000	2320	4050	4595	1632	1157	6-12	4590	4905					
	FM450	4500	3000	3000	2520	4250	4895	1882	1307	6-6	*6-12	4620	4945				
	FM470	4700	2800	*3000	3000	*3000	1980	4700	5175	1272	797	6-6	*6-6	4670	4985		
3-Stage Full Free Mast	TFM400	4000	2800	*2900	3000	*3300	2080	5000	5475	1372	897	6-6	*6-6	4700	5025		
	TFM450	4500	2600	*2900	2800	*3200	2180	5200	5875	1422	947	6-6	*6-6	4720	5045		
	TFM470	4700	2400	*2700	2500	*3000	2180	5400	5975	1472	997	6-6	*6-6	4740	5065		
	TFM500	5000	2100	*2400	2300	*2800	2280	5700	6175	1572	1087	6-6	*6-6	4760	5075		
	TFM550	5500	1600	*2000	1800	*2500	2480	6200	6675	1772	1287	3-6	*3-6	4800	5125		
3-Stage Full Free Mast	TFM600	6000	1200	*2100													

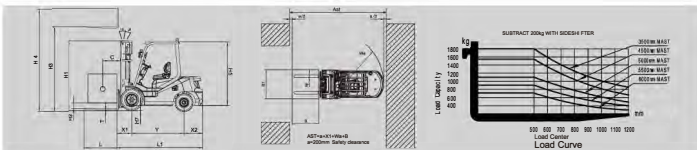


N Series Internal Combustion

Diesel Forklift 1.5-1.8T

MAIN SPECIFICATIONS

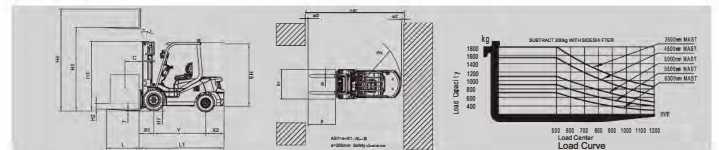
General	1	Model	FD15T-WGAS	FD18T-WGAS	FD15T-NJB1	FD18T-NJB1	FD15T-NJE3	FD18T-NJE3		
	2	Power Type	Diesel							
3	Rated Load Capacity	Q(kg)	1500	1800	1500	1800	1500	1800		
4	Load centre	C(mm)	500							
Characteristic & Dimension	5	Rated Lift Height	H3(mm) 3000							
	6	Free Lift Height	H2(mm) 100							
	7	Fork Size(L x W x T)	mm 920x120x35 1070x120x40 920x120x35 1070x120x40 920x120x35 1070x120x40							
	8	Mast Tilt Angle(F/R, $\alpha^\circ / \beta^\circ$)	deg 6' / 12'							
	9	Fork Overhang(Wheel Center to Fork Face)	x1(mm) 409							
	10	Rear Overhang	x2(mm) 470							
	11	Ground Clearance(Bottom of Mast)	H7(mm) 110							
	12	Length to Face of Fork(without Fork)	L1(mm) 2285							
	13	Overall Width	B1(mm) 1082							
	14	Mast Lowered Height	H1(mm) 2025							
	15	Mast Extended Height(with Backrest)	H4(mm) 4055							
	16	Overhead Guard Height	H5(mm) 2160							
	17	Turning Radius (Outside)	Wa(mm) 2100							
	18	Min Aisle width for pallets	mm 3700							
	Performance	19	Travel Speed (No Load)	km/h 14.5						
		20	Lifting Speed (Full Load)	mm/sec 560						
		21	Max. Gradeability (Full Load)	% 20						
		22	Wheelbase	Y(mm) 1410						
Weight	23	Total Weight	kg	2860	2990	2860	2990	2860	2990	
	24	Front Axle Weight Distribution (Full Load/No Load)	kg	3815/1200	4120/1170	3815/1200	4120/1170	3815/1200	4120/1170	
	25	Rear Axle Weight Distribution (Full Load/No Load)	kg	545/1660	720/1820	545/1660	720/1820	545/1660	720/1820	
	26	Battery	V/Ah	12/90						
Power & Transmission	27	Engine Model	NC485BPG		C240NKFC-01		4TNE92(EU III & EPAIII)			
	28	Engine Manufacturer	XINCHAI		ISUZU		YANMAR			
	29	Rated Output / r.p.m.	kw	30/2600		34.5/2500		33/2450		
	30	Transmission Type	Powershift (Manual)							
	31	Transmission Stage (FWD/RVS)	1/1(2/2)							
	32	Operating pressure(For Attachments)	Mpa	14.5						



Gasoline & LPG Forklift 1.5-1.8T

MAIN SPECIFICATIONS

General	1	Model	FGL15T-NJK2	FGL18T-NJK2		
	2	Power Type	Gasoline / LPG			
3	Rated Load Capacity	Q(kg)	1500	1800		
4	Load centre	C(mm)	500			
Characteristic & Dimension	5	Rated Lift Height	H3(mm) 3000			
	6	Free Lift Height	H2(mm) 100			
	7	Fork Size(L x W x T)	mm 920x120x35 1070x120x40			
	8	Mast Tilt Angle(F/R, $\alpha^\circ / \beta^\circ$)	deg 6' / 12'			
	9	Fork Overhang(Wheel Center to Fork Face)	x1(mm) 409			
	10	Rear Overhang	x2(mm) 470			
	11	Ground Clearance(Bottom of Mast)	H7(mm) 110			
	12	Length to Face of Fork(without Fork)	L1(mm) 2285			
	13	Overall Width	B1(mm) 1082			
	14	Mast Lowered Height	H1(mm) 2025			
	15	Mast Extended Height(with Backrest)	H4(mm) 4055			
	16	Overhead Guard Height	H5(mm) 2160			
	17	Turning Radius (Outside)	Wa(mm) 2100			
	18	Min Aisle width for pallets	Astrm 3700			
	Performance	19	Travel Speed (No Load)	km/h 14.5		
		20	Lifting Speed (Full Load)	mm/sec 560		
		21	Max. Gradeability (Full Load)	% 20		
		22	Front Tread	B2(mm) 890		
Weight	23	Rear Tread	B3(mm) 920			
	24	Wheelbase	Y(mm) 1410			
	25	Total Weight	kg	2860	2990	
	26	Front Axle Weight Distribution (Full Load/No Load)	kg	3815/1200	4120/1170	
Transmission	27	Rear Axle Weight Distribution (Full Load/No Load)	kg	545/1660	720/1820	
	28	Battery	V/Ah 12/60			
	29	Engine Model	K21			
	30	Engine Manufacturer	NISSAN			
	31	Rated Output / r.p.m.	kw	31.5/2300		
	32	Transmission Type	Powershift (Manual)			
33	Transmission Stage (FWD/RVS)	1/1(2/2)				
34	Operating pressure(For Attachments)	Mpa	14.5			



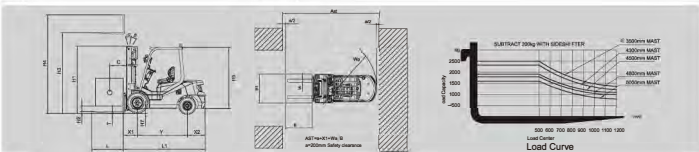


N Series Internal Combustion

Diesel Forklift 2.0-2.5T

MAIN SPECIFICATIONS

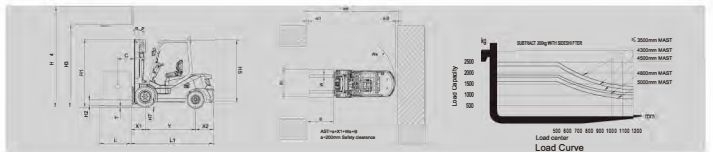
General	1	Model	FD20T-WJ43	FD25T-WJ43	FD20T-NJ1	FD25T-NJ1	FD20T-NJ3	FD25T-NJ3		
	2	Power Type	Diesel							
3	Rated Load Capacity	Q(kg)	2000	2500	2000	2500	2000	2500		
Characteristic & Dimension	4	Load centre	C(mm)						500	
	5	Rated Lift Height	H3(mm)						3000	
	6	Free Lift Height	H2(mm)						100	
	7	Fork Size(L x W x T)	mm						1070x120x40	
	8	Mast Tilt Angle(F/R, α° / β°)	deg						6° / 12°	
	9	Fork Overhang(Wheel Center to Fork Face)	x1(mm)						479	
	10	Rear Overhang	x2(mm)						520	
	11	Ground Clearance(Bottom of Mast)	H7(mm)						130	
	12	Length to Face of Fork(without Fork)	L1(mm)						2660	
	13	Overall Width	B1(mm)						1150	
	14	Mast Lowered Height	H1(mm)						2055	
	15	Mast Extended Height(with Backrest)	H4(mm)						4070	
	16	Overhead Guard Height	H5(mm)						2215	
	17	Turning Radius (Outside)	Wa(mm)						2365	
	18	Min Aisle width for pallets	Aa1(mm)						4120	
	Performance	19	Travel Speed (No Load)	km/h						19
		20	Lifting Speed (Full Load)	mm/sec						490
		21	Max. Gradeability (Full Load)	%						20
22		Wheelbase	Y(mm)						1650	
Weight	23	Total Weight	kg	3385	3605	3385	3605	3385	3605	
	24	Front Axle Weight Distribution (Full Load/No Load)	kg	4846/1354	5494/1442	4846/1354	5494/1442	4846/1354	5494/1442	
	25	Rear Axle Weight Distribution (Full Load/No Load)	kg	538/2031	610/2163	536/2031	610/2163	538/2031	610/2163	
	26	Battery	VI/Ah	12/90						
Power & Transmission	27	Engine Model	C490BPG-37(EU III)		C240NKF-C-01(EU III)		4TNE92(EU III & EPA III)			
	28	Engine Manufacturer	XINCHAI		ISUZU		YANMAR			
	29	Rated Output / r.p.m.	kw	36.8/2650		34.5/2500		33/2450		
	30	Transmission Type	Powershift (Manual)							
	31	Transmission Stage (FWD/RVS)	1/1(2/2)							
	32	Operating pressure(For Attachments)	Mpa	17.5						



Gasoline & LPG Forklift 2.0-2.5T

MAIN SPECIFICATIONS

General	1	Model	FGL20T-NJK1	FGL25T-NJK1	FL20T-NJF1	FL25T-NJF1		
	2	Power Type	Gasoline / LPG				LPG	
3	Rated Load Capacity	Q(kg)	2000	2500	2000	2500		
4	Load centre	C(mm)					500	
Characteristic & Dimension	5	Rated Lift Height	H3(mm)				3000	
	6	Free Lift Height	H2(mm)				100	
	7	Fork Size(L x W x T)	mm				1070x120x40	
	8	Mast Tilt Angle(F/R, α° / β°)	deg				6° / 12°	
	9	Fork Overhang(Wheel Center to Fork Face)	x1(mm)				479	
	10	Rear Overhang	x2(mm)				520	
	11	Ground Clearance(Bottom of Mast)	H7(mm)				130	
	12	Length to Face of Fork(without Fork)	L1(mm)				2660	
	13	Overall Width	B1(mm)				1150	
	14	Mast Lowered Height	H1(mm)				2055	
	15	Mast Extended Height(with Backrest)	H4(mm)				4070	
	16	Overhead Guard Height	H5(mm)				2215	
	17	Turning Radius (Outside)	Wa(mm)				2365	
	18	Min Aisle width for pallets	Aa1(mm)				4120	
	Performance	19	Travel Speed (No Load)	km/h				19
		20	Lifting Speed (Full Load)	mm/sec				490
		21	Wheelbase	Y(mm)				1650
		22	Max. Gradeability (Full Load)	%				20
Weight	23	Total Weight	kg	3385	3605	3385	3605	
	24	Front Axle Weight Distribution (Full Load/No Load)	kg	4846/1354	5494/1442	4846/1354	5494/1442	
	25	Rear Axle Weight Distribution (Full Load/No Load)	kg	538/2031	610/2163	538/2031	610/2163	
	26	Engine Model	K25				GM3.0	
Power & Transmission	27	Engine Manufacturer	NISSAN				GM	
	28	Rated Output / r.p.m.	kw	44.2/2500		54/2200		
	29	Battery	VI/Ah				12/90	
	30	Transmission Type	Powershift (Manual)					
	31	Transmission Stage (FWD/RVS)	1/1(2/2)					
	32	Operating pressure(For Attachments)	Mpa	17.5				



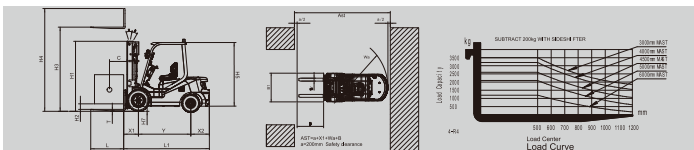


N Series Internal Combustion

Diesel Forklift 3.0-3.5T

MAIN SPECIFICATIONS

		FD30T- NJE1	FD35T- NJE1	FD30T- NJM1	FD35T- NJM1		
General	1 Model	Diesel					
	2 Power Type	Diesel					
	3 Rated Load Capacity	Q(kg)	3000	3500	3000	3500	
	4 Load centre	C(mm)	500				
Characteristic & Dimension	5 Rated Lift Height	H3(mm)	3000				
	6 Free Lift Height	H2(mm)	100				
	7 Fork Size(L x W x T)	mm	1070x125x45				
	8 Mast Tilt Angle(F/R, α' / β')	deg	6 / 12				
	9 Fork Overhang(Wheel Center to Fork Face)	x1(mm)	484				
	10 Rear Overhang	x2(mm)	595	635	595	635	
	11 Ground Clearance(Bottom of Mast)	H7(mm)	145				
	12 Length to Face of Fork(without Fork)	L1(mm)	2700	2775	2700	2775	
	13 Overall Width	B1(mm)	1225				
	14 Mast Lowered Height	H1(mm)	2070				
	15 Mast Extended Height(with Backrest)	H4(mm)	4070				
	16 Overhead Guard Height	H5(mm)	2235				
	17 Turning Radius (Outside)	Wa(mm)	2425	2500	2425	2500	
	18 Min Aisle width for pallets	As1(mm)	4180	4255	4180	4255	
	Performance	19 Travel Speed (No Load)	km/h	19			
		20 Lifting Speed (Full Load)	mm/sec	410	380	410	380
		21 Max.Gradeability (Full Load)	%	20			
		22 Wheelbase	Y(mm)	1700			
Weight	23 Total Weight	kg	4460	4775	4460	4775	
	24 Front Axle Weight Distribution (Full Load/No Load)	kg	6714/1784	6997/1910	6714/1784	6997/1910	
	25 Rear Axle Weight Distribution (Full Load/No Load)	kg	746/2676	777/2865	746/2676	777/2865	
	26 Battery	V/Ah	12/90				
	27 Engine Model		4TNE98		S4S		
Power & Transmission	28 Engine Manufacturer		YANMAR		Mitsubishi		
	29 Rated Output / r.p.m.	kw	42.1/2300		35.3/2250		
	30 Transmission Type		Powershift (Manual)				
	31 Operating Pressure(For Attachments)	Mpa	17.5				



MAIN SPECIFICATIONS

Gasoline & LPG Forklift 3.0-3.5T

		FGL30T-NJK1	FGL35T-NJK1	FL30T-NJF1	FL35T-NJF1		
General	2 Power Type	Gasoline / LPG					
	3 Rated Load Capacity	Q(kg)	3000	3500	3000	3500	
	4 Load centre	C(mm)	500				
	5 Rated Lift Height	H3(mm)	3000				
Characteristic & Dimension	6 Free Lift Height	H2(mm)	100				
	7 Fork Size(L x W x T)	mm	1070x125x45				
	8 Mast Tilt Angle(F/R, α' / β')	deg	6 / 12				
	9 Fork Overhang(Wheel Center to Fork Face)	x1(mm)	484				
	10 Rear Overhang	x2(mm)	595	635	595	635	
	11 Ground Clearance(Bottom of Mast)	H7(mm)	145				
	12 Length to Face of Fork(without Fork)	L1(mm)	2700	2775	2700	2775	
	13 Overall Width	B1(mm)	1225				
	14 Mast Lowered Height	H1(mm)	2070				
	15 Mast Extended Height(with Backrest)	H4(mm)	4070				
	16 Overhead Guard Height	H5(mm)	2235				
	17 Turning Radius (Outside)	Wa(mm)	2425	2500	2425	2500	
	18 Min Aisle width for pallets	As1(mm)	4180	4255	4180	4255	
	Performance	19 Travel Speed (No Load)	km/h	19			
		20 Lifting Speed (Full Load)	mm/sec	410	380	410	380
		21 Max.Gradeability (Full Load)	%	20			
		22 Wheelbase	Y(mm)	1700			
	Weight	23 Total Weight	kg	4460	4775	4460	4775
24 Front Axle Weight Distribution (Full Load/No Load)		kg	6714/1784	6997/1910	6714/1784	6997/1910	
25 Rear Axle Weight Distribution (Full Load/No Load)		kg	746/2676	777/2865	746/2676	777/2865	
26 Battery		V/Ah	12/90				
27 Engine Model			K25		GM3.0		
Power & Transmission	28 Engine Manufacturer		NISSAN		GM		
	29 Rated Output / r.p.m.	kw	44.2/2500		54/2200		
	30 Transmission Type		Powershift (Manual)				
	31 Transmission Stage (FWD/RVS)		1/1				
	32 Operating pressure(For Attachments)	Mpa	17.5				

