

FORKLIFTS
AUSTRALIA



UN FORKLIFT

N Series Forklift Truck

1.5-3.5 Ton Diesel Forklift

1.5-3.5 Ton Gasoline / LPG Forklift





UN FORKLIFT

N
series



1.5T FORKLIFT

3m Duplex Mast, Pneumatic Tyres

FD15T FGL15T



1.8T FORKLIFT

3m Duplex Mast, Pneumatic Tyres

FD18T FGL18T



2.0T FORKLIFT

3m Duplex Mast, Pneumatic Tyres

FD20T FGL20T



2.5T FORKLIFT

3m Duplex Mast, Pneumatic Tyres

FD25T FGL25T



3.0T FORKLIFT

3m Duplex Mast, Pneumatic Tyres

FD30T FGL30T



3.5T FORKLIFT

3m Duplex Mast, Pneumatic Tyres

FD35T FGL35T

ADDITIONAL OPTIONS AVAILABLE:

Triplex Mast, Solid and Non-marking Tyres, Fork Positioner

Market leading engines ensure superior performance, durability and excellent fuel efficiency. All diesel forklifts have Mitsubishi or Isuzu engines. The LPG and gasoline forklifts utilise Nissan engines.

ISUZU





THE FORKLIFTS AUSTRALIA DIFFERENCE

Forklifts Australia is committed to delivering professional industry advice, quality equipment and outstanding service.

They are the exclusive distributor of UN Forklifts, offering a full range of LPG, Diesel and Rough Terrain forklifts to suit a range of applications. UN Forklifts are one of the largest and most experienced material handling equipment manufacturers in the world that offer advanced technology and robust machinery.

Forklifts Australia also offers equipment from other market-leading brands including Royal, Merlo, JLG, Genie, Manitou and Yale.

Not only can we provide market leading forklifts but we can also provide quality servicing and repairs throughout Australia. Our expert team of 24 / 7 mobile service technicians can service and repair an extensive range of forklifts, including LPG, Diesel and electric forklifts giving you peace of mind that you'll be back on site soon.

Forklifts Australia is the leading supplier of forklifts in the Australian market, and has been in operation for over 10 years. We pride ourselves on offering superior customer service and are located across Australia with branches in Perth, Sydney, Melbourne, Adelaide, Darwin and Brisbane.

PERFECT FOR THESE INDUSTRIES



Freight



Store
Distribution



Manufacturing



Farming &
Landscape



Packing



Third Party
Logistics





UN FORKLIFT

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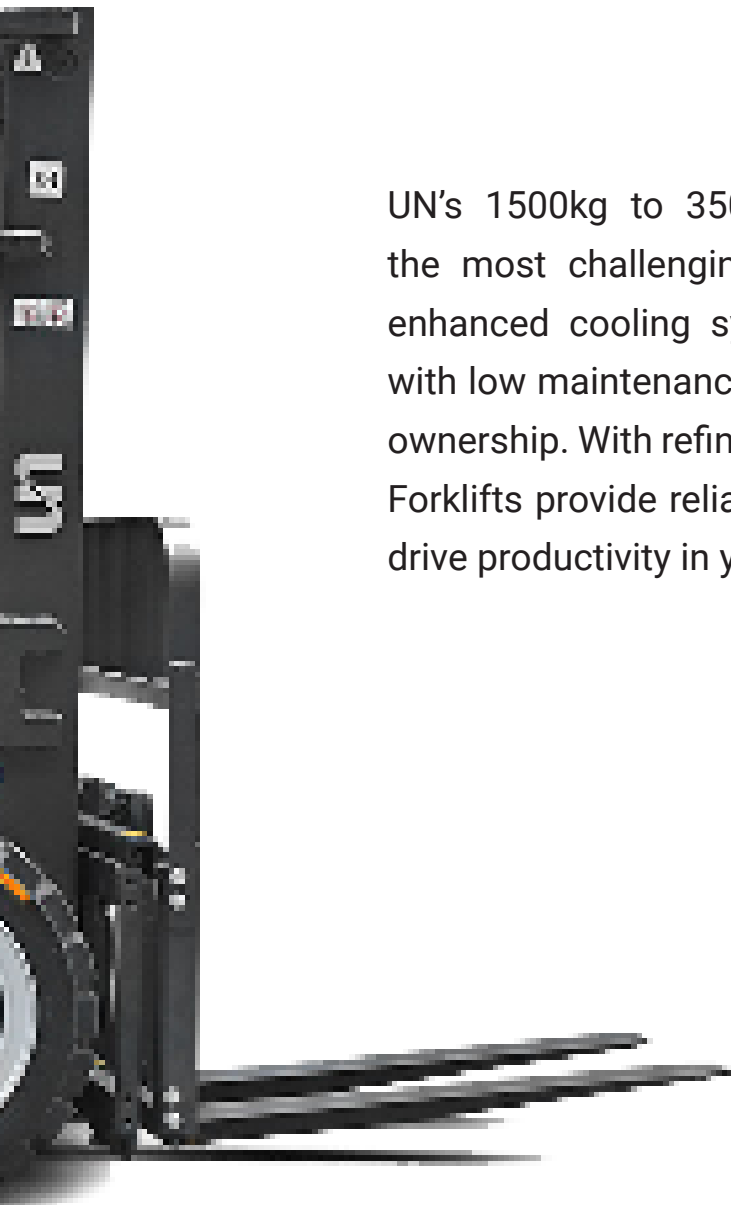
N Series IC Forklift

1500kg to 3500kg Load Capacity





UN's 1500kg to 3500kg forklifts are designed to excel in the most challenging environments. With increased safety, enhanced cooling systems, reduced noise and vibration all with low maintenance. The UN Forklift 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.





UN FORKLIFT

N
series

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 value for steering to reduce horsepower loss and heat build up.
- The main hydraulic values 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.

Rugged Engine and Optimal Performance



**EPA Tier IV
EURO III A/B**

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



EPA 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 lift span.



EPA 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.

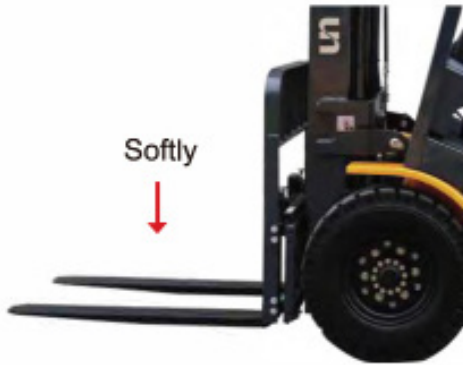
Repositioning of hydraulic pipelines around the fuel tank and the enhanced cooling system keeps engine temperature lower, even in the harshest working environments.





N
series

Advanced Safety



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

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



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.

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)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)			
					Lowered	Extended		Without Backrest	With Backrest			Without Backrest	With Backrest	1.5t	1.8t
						Without Backrest	With Backrest								
Wide View Mast	M300	3000	1500	1800	2025	3575	4055	100	100	6-12		2860	2990		
	M330	3300	1500	1800	2175	3875	4355	100	100	6-12		2875	3005		
	M350	3500	1500	1800	2275	4075	4555	100	100	6-12		2885	3015		
	M400	4000	1500	1750	2575	4575	5055	100	100	6-6	*6-12	2925	3055		
	M430	4300	1300	1650	2725	4875	5355	100	100	6-6	*6-12	2940	3070		
	M450	4500	1250	1550	2825	5075	5555	100	100	6-6	*6-12	2955	3085		
	M470	4700	1100	1400	2925	5275	5755	100	100	6-6	*6-12	2965	3095		
	M500	5000	950	1050	3125	5575	6055	100	100	6-6	*6-12	2995	3125		
	M550	5500	800	900	3375	6075	6555	100	100	3-6	*3-6	3020	3050		
	M600	6000	600	700	3625	6575	7055	100	100	3-6	*3-6	3045	3175		
2-Stage Full Free Wide View Mast	FM300	3000	1500	1800	2025	3570	4050	1460	980	6-12	*6-12	2935	3065		
	FM330	3300	1500	1800	2175	3920	4400	1610	1130	6-12	*6-12	2950	3080		
	FM350	3500	1500	1800	2275	4070	4550	1710	1230	6-12	*6-12	2960	3090		
	FM400	4000	1500	1800	2625	4570	5050	2000	1580	6-6	*6-12	3000	3130		
3-Stage Full Free Wide View Mast	TFM400	4000	1500	1800	1925	4570	5035	1300	900	6-6	*6-6	3025	3155		
	TFM430	4300	1250	1550	2025	4870	5335	1400	1000	6-6	*6-6	3045	3175		
	TFM450	4500	1200	1500	2075	5070	5535	1500	1050	6-6	*6-6	3060	3190		
	TFM470	4700	1180	1400	2125	5270	5735	1565	1100	6-6	*6-6	3075	3205		
	TFM500	5000	900	1200	2225	5570	6035	1665	1200	6-6	*6-6	3100	3230		
	TFM550	5500	800	1000	2425	6070	6535	1800	1400	3-6	*3-6	3140	3270		
	TFM600	6000	600	700	2625	6570	7035	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

MastType	Mast Name	Max Fork Height (mm)	Load Capacity (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)			
							Lowered	Extended		Without Backrest	With Backrest			Without Backrest	With Backrest	2.0t	2.5t
								Without Backrest	With Backrest								
Wide View Mast	M300	3000	2000		2500		2055	3580	4070	100	100	6-12		3385	3605		
	M330	3300	2000		2500		2205	3880	4370	100	100	6-12		3410	3627		
	M350	3500	2000		2500		2305	4080	4570	100	100	6-12		3425	3645		
	M400	4000	2000		2450		2605	4580	5070	100	100	6-6	*6-12	3495	3685		
	M430	4300	1850		2150		2755	4880	5370	100	100	6-6	*6-12	3520	3710		
	M450	4500	1800	*1900	2000	*2400	2855	5080	5570	100	100	6-6	*6-12	3535	3725		
	M470	4700	1450	*1850	1750	*2050	2955	5280	5770	100	100	6-6	*6-12	3555	3745		
	M500	5000	1300	*1700	1600	*2100	3155	5580	6070	100	100	6-6	*6-6	3585	3775		
	M550	5500	1100	*1500	1350	*1700	3405	6080	6570	100	100	3-6	*3-6	3625	3815		
	M600	6000	950	*1300	1050	*1500	3655	6580	7070	100	100	3-6	*3-6	3665	3855		
2-Stage Full Free Wide View Mast	FM300	3000	2000		2500		2070	3655	4068	1470	1007	6-12		3455	3645		
	FM330	3300	2000		2500		2220	3955	4418	1620	1157	6-12		3480	3670		
	FM350	3500	2000		2500		2320	4105	4568	1720	1257	6-12		3495	3685		
	FM400	4000	2000		2500		2670	4605	5068	2000	1607	6-6	*6-12	3535	3725		
3-Stage Full Free Wide View Mast	TFM400	4000	2000	*2000	2500	*2500	1945	4607	5070	1300	885	6-6	*6-6	3565	3755		
	TFM430	4300	1850	*1900	2200	*2400	2045	4907	5370	1400	985	6-6	*6-6	3595	3785		
	TFM450	4500	1700	*1800	2000	*2300	2095	5107	5570	1498	1035	6-6	*6-6	3615	3805		
	TFM470	4700	1600	*1750	1900	*2200	2145	5307	5770	1548	1085	6-6	*6-6	3635	3825		
	TFM500	5000	1400	*1600	1500	*2000	2245	5607	6070	1648	1185	6-6	*6-6	3665	3855		
	TFM550	5500	1100	*1500	1200	*1800	2445	6107	6570	1800	1385	3-6	*3-6	3715	3905		
	TFM600	6000	800	*1400	850	*1600	2645	6607	7070	2000	1585	3-6	*3-6	3765	3955		
TFM650	6500	500	*1100	550	*1200	2895	7107	7570	2200	1835	3-6	*3-6	3815	4005			
TFM700	7000	100	*700	150	*800	3095	7607	8070	2300	2035	3-6	*3-6	3865	4005			

Note 1: With Separated side shifter, load capacity subtract 200kg; with integrated side shifter, load capacity subtract 50kg.

2. *(Asterisk) is for double front wheels model

3.0 - 3.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

MastType	Mast Name	Max Fork Height (mm)	Load Capacity (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)			
							Lowered	Extended		Without Backrest	With Backrest			Without Backrest	With Backrest	3.0t	3.5t
								Without Backrest	With Backrest								
Wide View Mast	M300	3000	3000		3500		2070	3595	4070	100	100	6-12		4460	4775		
	M330	3300	3000		3500		2220	3895	4370	100	100	6-12		4485	4800		
	M350	3500	3000		3500		2320	4095	4570	100	100	6-12		4500	4825		
	M400	4000	2950		3250		2620	4595	5070	100	100	6-6	*6-12	4540	4865		
	M430	4300	2800		3100		2770	4895	5370	100	100	6-6	*6-12	4565	4890		
	M450	4500	2600	*2900	2900	*3000	2870	5095	5570	100	100	6-6	*6-12	4580	4905		
	M470	4700	2500	*2800	2800	*2900	2970	5295	5770	100	100	6-6	*6-12	4595	4920		
	M500	5000	2200	*2550	2400	*2800	3170	5595	6070	100	100	6-6	*6-6	4630	4955		
	M550	5500	2000	*2400	2200	*2600	3420	6095	6570	100	100	3-6	*3-6	4680	5005		
	M600	6000	1500	*2000	1600	*2400	3670	6595	7070	100	100	3-6	*3-6	4720	5045		
2-Stage Full Free Wide View Mast	FM300	3000	3000		3500		2070	3590	4065	1382	907	6-12		4540	4865		
	FM330	3300	3000		3500		2220	3940	4415	1532	1057	6-12		4565	4890		
	FM350	3500	3000		3500		2320	4090	4565	1632	1157	6-12		4580	4905		
	FM400	4000	3000		3250		2670	4590	5065	1982	1507	6-6	*6-12	4620	4945		
3-Stage Full Free Wide View Mast	TFM400	4000	2000	*3000	3000	*3500	1960	4700	5175	1272	797	6-6	*6-6	4670	4995		
	TFM430	4300	2800	*2900	3000	*3350	2060	5000	5475	1372	897	6-6	*6-6	4700	5025		
	TFM450	4500	2600	*2800	2800	*3200	2110	5200	5675	1422	947	6-6	*6-6	4720	5045		
	TFM470	4700	2400	*2700	2500	*3000	2160	5400	5875	1472	997	6-6	*6-6	4740	5065		
	TFM500	5000	2100	*2400	2300	*2800	2260	5700	6175	1572	1097	6-6	*6-6	4750	5075		
	TFM550	5500	1650	*2250	1800	*2550	2460	6200	6675	1772	1297	3-6	*3-6	4800	5125		
	TFM600	6000	1200	*2100	1300	*2300	2660	6700	7175	1972	1497	3-6	*3-6	4870	5195		
TFM650	6500	950	*1700	1050	*1800	2910	7200	7675	2200	1747	3-6	*3-6	5020	5345			
TFM700	7000	650	*1400	750	*1500	3110	7700	8175	2300	1947	3-6	*3-6	5070	5395			

Note 1: With Separated side shifter, load capacity subtract 200kg; with integrated side shifter, load capacity subtract 50kg.

2. *(Asterisk) is for double front wheels model

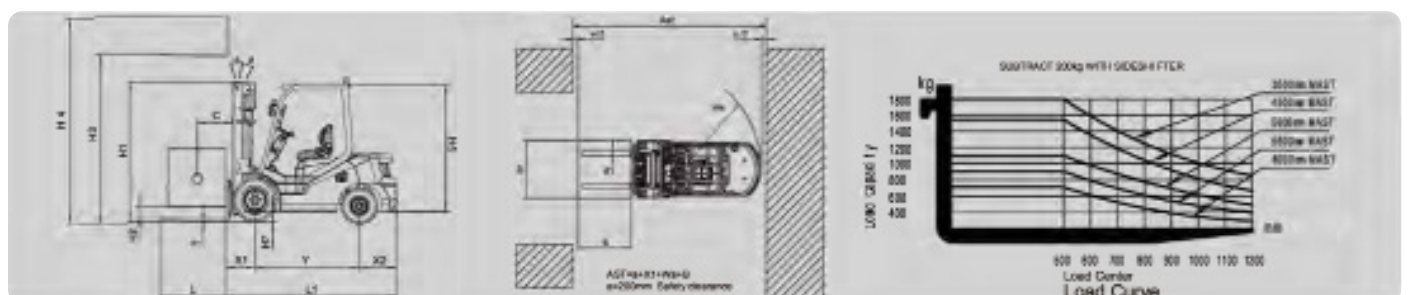


N Series Internal Combustion

Diesel Forklift 1.5-1.8T

MAIN SPECIFICATIONS

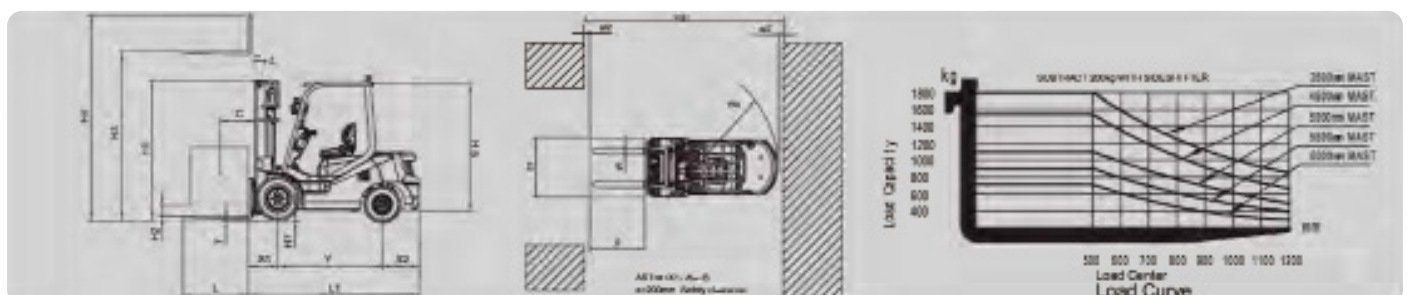
General	1	Model	FD15T-WGA5	FD18T-WGA5	FD15T-NJB1	FD18T-NJB1	FD15T-NJE3	FD18T-NJE3	
	2	Power Type	Diesel						
	3	Rated Load Capacity	Q (kg)	1500	1800	1500	1800	1500	1800
	4	Load centre	C (mm)	500					
Characteristic & Dimension	5	Rated Lift Height	H3 (mm)	3000					
	6	Free Lift Height	H2 (mm)	100					
	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
Power & Transmission	26	Battery	V/Ah	12/90					
	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	
			FG15T-NJK2		FG18T-NJK2	
			FL15T-NJK2		FL18T-NJK2	
General	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° x 12°		
	9	Fork Overhang (Wheel Center to Fork Face)	x1 (mm)	409		
	10	Rear Overhang	x2 (mm)	407		
	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	Astmm	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		
	23	Rear Tread	B3 (mm)	920		
	24	Wheelbase	Y (mm)	1410		
Weight	25	Total Weight	kg	2860	2990	
	26	Front Axle Weight Distribution (Full Load/No Load)	kg	3815/1200	4120/1170	
	27	Rear Axle Weight Distribution (Full Load/No Load)	kg	545/1660	720/1820	
Transmission	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		



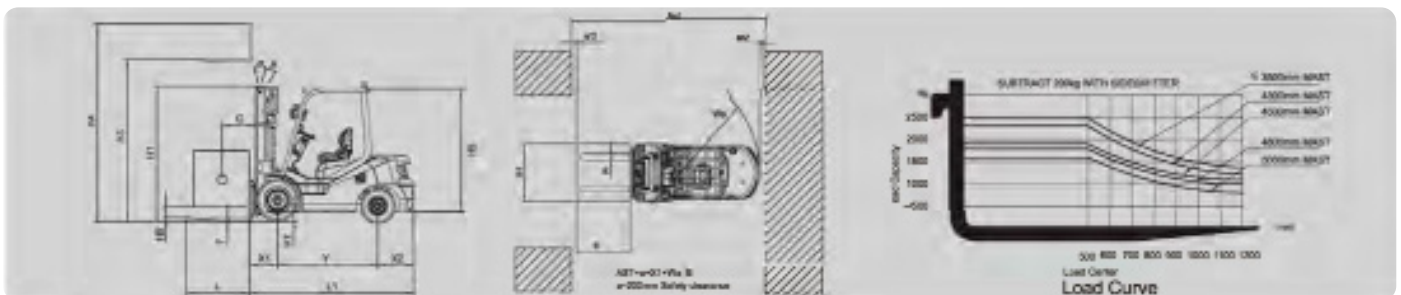


N
series

Diesel Forklift 2.5-2.5T

MAIN SPECIFICATIONS

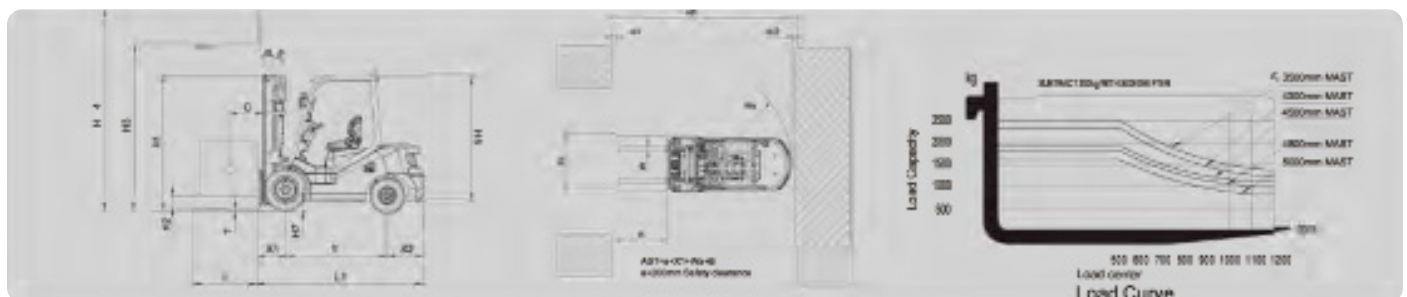
General	1	Model	FD20T-WJA3	FD25T-WJA3	FD20T-NJB1	FD25T-NJB1	FD20T-NJE3	FD25T-NJE3	
	2	Power Type	Diesel						
3	Rated Load Capacity	Q (kg)	2000	2500	2000	2500	2000	2500	
Characteristic & Dimension	4	Load centre	C (mm)	500					
	5	Rated Lift Height	H3 (mm)	3000					
	6	Free Lift Height	H2 (mm)	100					
	7	Fork Size (L x W x T)	mm	1070x120x40					
	8	Mast Tilt Angle (F/R, $\alpha^\circ / \beta^\circ$)	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					
	Performance	18	Min Aisle width for pallets	Ast (mm)	4120				
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
Power & Transmission	26	Battery	V/Ah	12/90					
	27	Engine Model		C490BPG-37 (EU III)		C240NKFC-01 (EU II)		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		
			FG20T-NJK1		FG25T-NJK1		
			FL20T-NJK1		FL25T-NJK1		
General	2	Power Type	Gasoline / LPG			LPG	
	3	Rated Load Capacity	Q (kg)	2000	2500	2000	2500
	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	1070x120x40			
	8	Mast Tilt Angle (F/R, $\alpha^\circ / \beta^\circ$)	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	Astmm	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			
	23	Total Weight	kg	3385	3605	3385	3605
Weight	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
Power & Transmission	26	Engine Model	K25			GM3.0	
	27	Engine Manufacturer	NISSAN			GM	
	28	Rated Output / r.p.m	kw	44.2/2500			54/2200
	29	Battery	V/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			



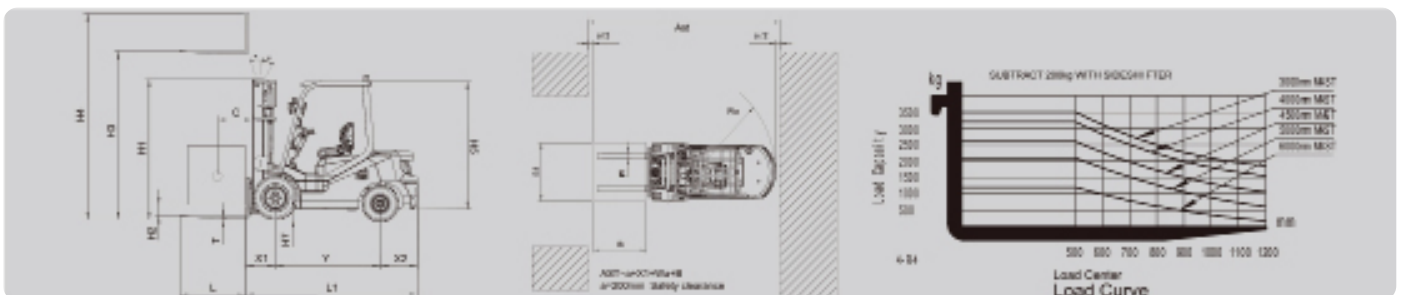


N
series

Diesel Forklift 3.0-3.5T

MAIN SPECIFICATIONS

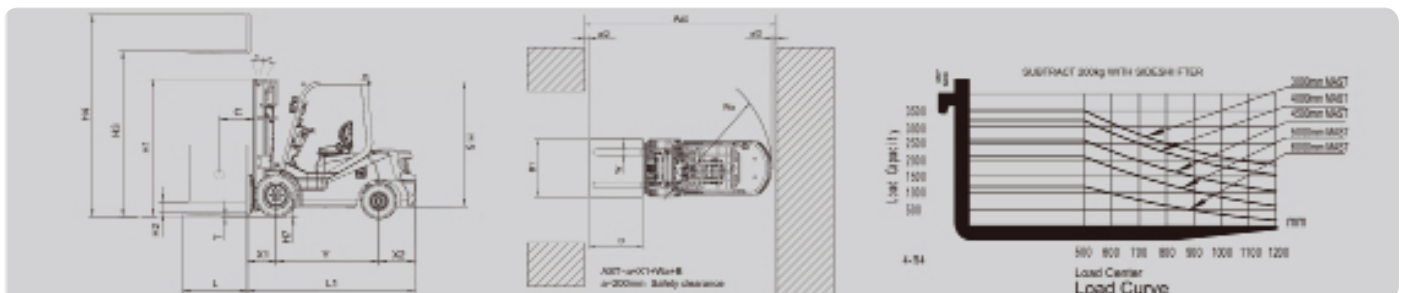
General	1	Model		FD30T-NJE1	FD35T-NJE1	FD30T-NJM1	FD35T-NJM1
	2	Power Type		Diesel			
	3	Rated Load Capacity	Q (kg)	3000	3500	3000	3500
	4	Load centre	C (mm)	500			
Characteristic & Dimension	5	Rated Lift Height	H3 (mm)	3000			
	6	Free Lift Height	H2 (mm)	100			
	7	Fork Size (L x W x T)	mm	1070x125x45			
	8	Mast Tilt Angle (F/R, $\alpha^\circ / \beta^\circ$)	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	Ast (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	714/1784	6997/1910	6714/1784	6997/1910
	25	Rear Axle Weight Distribution (Full Load/No Load)	kg	746/2676	777/2865	746/2676	777/2865
Power & Transmission	26	Battery	V/Ah	12/90			
	27	Engine Model		4TNE98		S4S	
	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			



Gasoline & LPG Forklift 3.0-3.5T

MAIN SPECIFICATIONS

General	1	Model	FGL30T-NJK1		FGL35T-NJK1		FL30T-NJF1	FL35T-NJF1	
			FG30T-NJK1		FG35T-NJK1				
			FL30T-NJK1		FL35T-NJK1				
2	Power Type		Gasoline / LPG				LPG		
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, $\alpha^\circ / \beta^\circ$)	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	Astmm	4190		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					
	23	Total Weight	kg	4460		4775		4460	4775
Weight	24	Front Axle Weight Distribution (Full Load/No Load)	kg	6714/1764		6997/1910		6714/1784	6997/1910
	25	Rear Axle Weight Distribution (Full Load/No Load)	kg	746/2676		777/2865		746/2676	777/2865
Power & Transmission	26	Battery	V/Ah	12/90					
	27	Engine Model		K25			GM3.0		
	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					



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