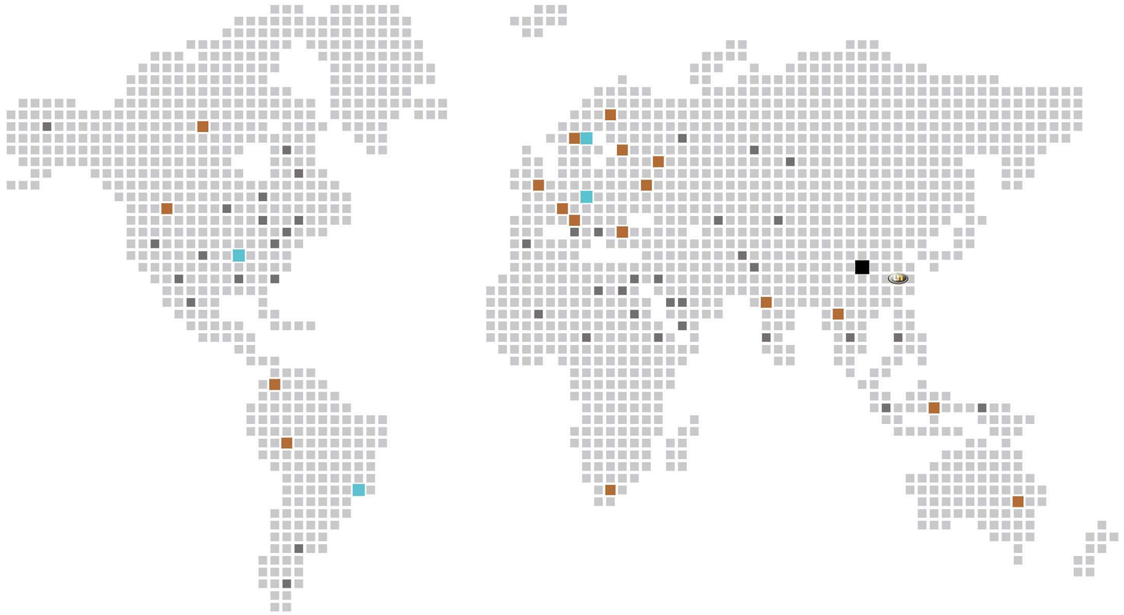

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CE CERTIFICATE ISO14001:2004 ISO9001:2000

The International
UN Team

unforklift.com

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

N Series IC Forklift

1500kg to 3500kg Load Capacity

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

UN's 1500kg to 3500kg IC forklift has been designed to meet the most challenging environment to satisfy with our customers. It increases safety, enhances cooling system, improves easier maintenance, lowers noise and vibration levels and reduces total lifetime costs. These features make UN Forklift step on a higher grade and redefine performance and affordability. All the products aim to provide our customers with the most reliable and efficient technology in daily operation. It is designed to stand for a longer lifespan no matter it's in a good or bad working environment.

Reliability

10% Steering System

The hydraulic steering system reduces the loss of hydraulic and improves energy efficiency.

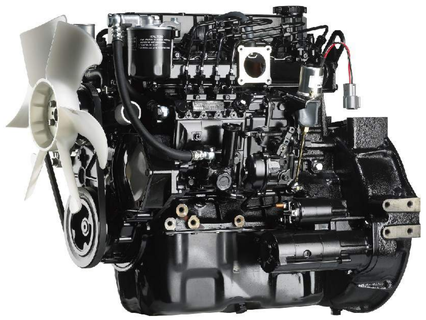
25% Lifting & Driving System

The unique hydraulic technology increases lifting speed 25% and improves the driving speed.

Excellent hydraulic system shows great performance in all aspects below.

-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 independent of load speed.

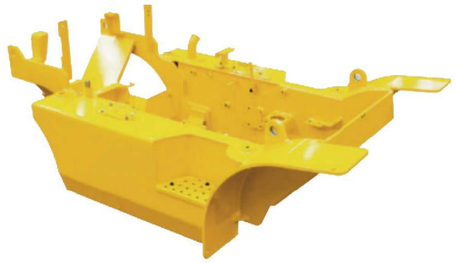
Rugged Engine and Optimal Performance



Reaches

EPA Tier IV
EURO III A/B

Market approved quality of Yanmar, Mitsubishi, Isuzu original engines ensure incomparable 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 truck's lift span.

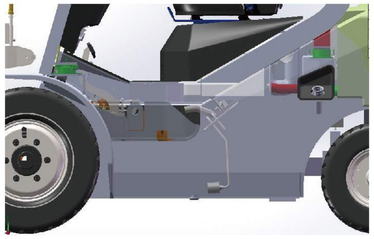
New Designed Radiator

The new downsize water room of radiator reduces thickness of water conduits and extends wave length to increase ventilation and air flow rates.

Multifunctional Dashboard

The newly designed dashboard is installed with larger screen and constant status is noticeable.

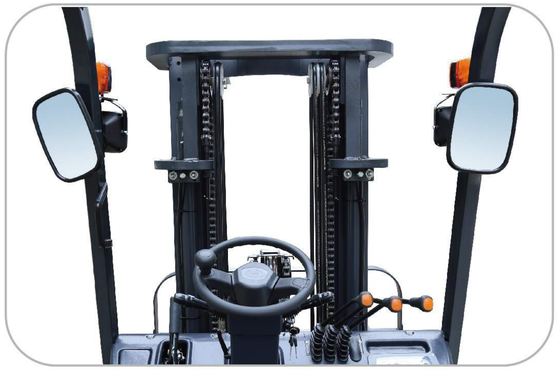
Reposition of hydraulic pipelines around the fuel tank and the enhanced cooling system increase ventilation, and make it easier to keep the high temperature of engine and oil in control, even in the harshest working environments.



Advanced Safety

Strong Overhead Guard

Exceeding CE or ANSI regulations, the overhead guard offers optimal protection combined with excellent all-around visibility and reduces potential danger.



Excellent Visibility for Safe Operation

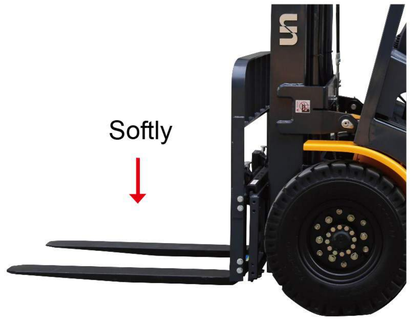
Optimized lift cylinder arrangement provides operator with wider visibility, the panoramic mirror expands the driver's view when backing up.

Parking Brake

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

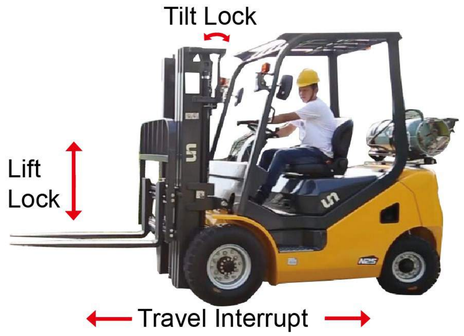
Fork Safety Features

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 of hydraulic line.

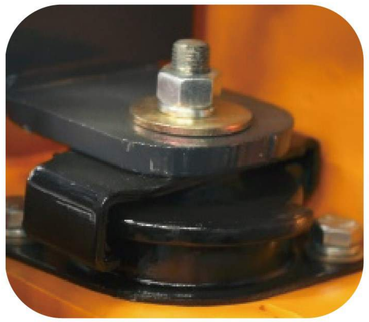


OPS Operator Presence Sensor (Optional)

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.



Optimized Ergonomics



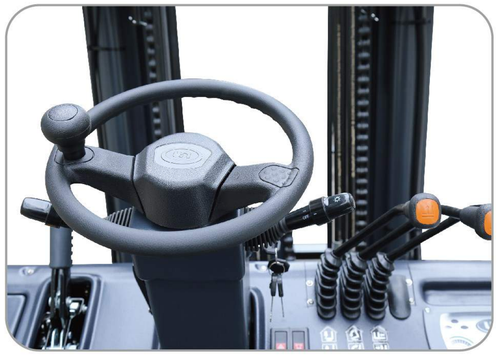
The Latest Anti-Vibration and Shock Absorbing System

The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This will not only reduce operator's fatigue but will also increase 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 during the operations.

Steering Adjuster



Steering Wheel

To achieve a comfortable drive position, the angle of the steering column can easily be adjusted. The steering wheel can be adjusted by a lever on the left-hand side to improve operator's comfort.

Ergonomically Positioned Pedals

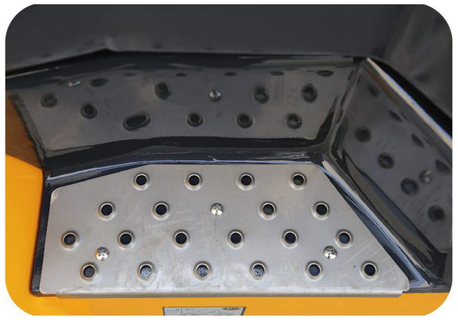
Based on human engineering, the accelerator, brake and inching pedals are optimally positioned for operator's convenience and reduce operator's fatigue.

Fuel Cap

Manufactured from durable, long life materials and made for proper sealing and venting.

Switch and buzzer

Hazard lights switch and reverse buzzer



Lower Entrance Height

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

Comfortable Seat

Great comfort is offered to the driver by a suspension seat with weight adjuster.

Engine Hood

Secure your engine bay and fasten the vehicle hood not to be lifted.

UN FORKLIFT

N series

Fast and Easy Maintenance

Wide Opening Engine Hood

Easily accessible engine compartment assures fast and efficient maintenance.

Easy Gas Tank Change

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

Easy Maintenance Oil Check

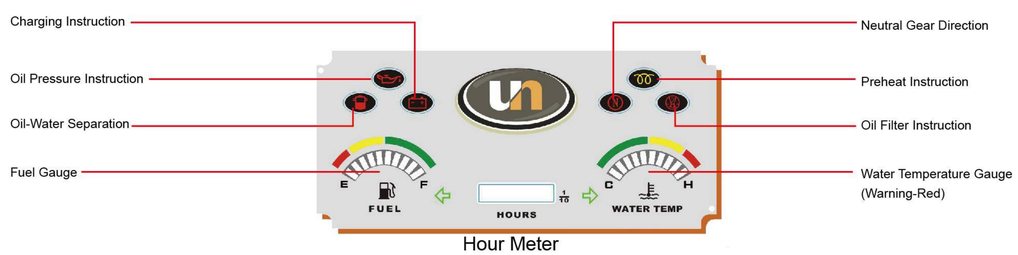
The T/M oil level can be checked easily without any disassembly.

Easy Change of Air Cleaner

The air filter is readily accessible for cleaning or replacement.

Quick and Easy Engine Oil Check

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



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 Bracket				
			1.5t	1.8t	1.5t/1.8t			1.5t/1.8t				1.5t	1.8t
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	*6-6	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

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				
			2.0t	2.0t(Double)	2.5t	2.5t(Double)	2.0t/2.5t			2.0t/2.5t				2.0t	2.5t
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	3605	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	4055

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)		Tilt Angle(Single)	Tilt Angle(Double)	Total Weight(kg)	
							Lowered	Extended							
								Without Backrest	With Backrest	Without Backrest	With Backrest				
			3.0t	3.0t(Double)	3.5t	3.5t (Double)	3.0t/3.5t			3.0t/3.5t				3.0t	3.5t
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	*3500	2670	4590	5065	1982	1507	6-6	*6-12	4620	4945
3-Stage Full Free Wide View Mast	TFM400	4000	3000	*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 200 kg; with integrated side shifter, load capacity subtract 50 kg. 2. * (Asterisk) is for double front wheels model.

UN FORKLIFT

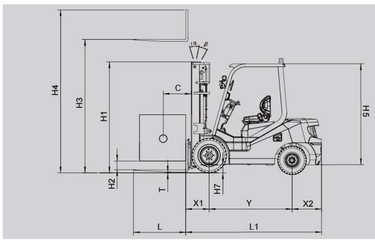
N series

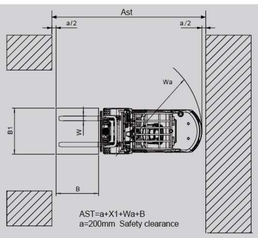
N Series Internal Combustion

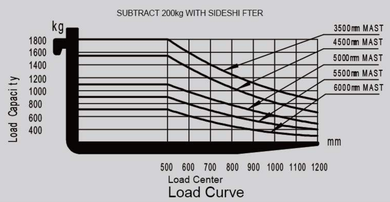
Diesel Forklift 1.5-1.8T

MAIN SPECIFICATIONS

General	1	Model		FD15T-IN	FD18T-IN	FD15T-JBN	FD18T-JBN	FD15T-JCN	FD18T-JCN
	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, α° / β°)	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					
Perfomance	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					



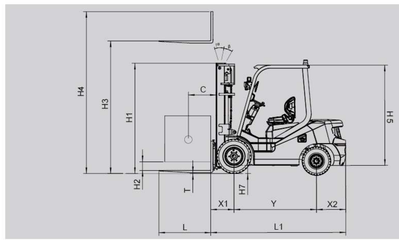


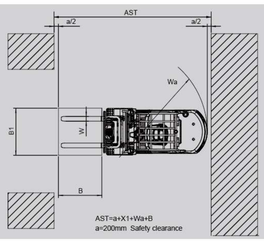


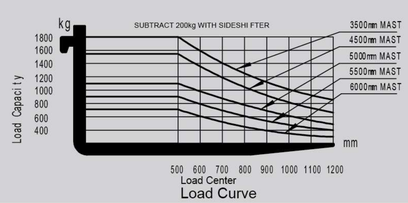
Gasoline & LPG Forklift 1.5-1.8T

MAIN SPECIFICATIONS

General	1	Model		FGL15T-JBN	FGL18T-JBN
				FG15T-JBN	FG18T-JBN
				FL15T-JBN	FL18T-JBN
	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, α° / β°)	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	Astmm	3700	
Perfomance	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	







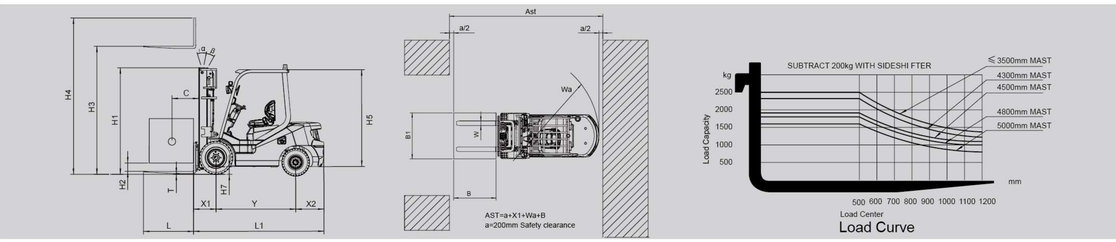
UN FORKLIFT

N Series Internal Combustion

Diesel Forklift 2.0-2.5T

MAIN SPECIFICATIONS

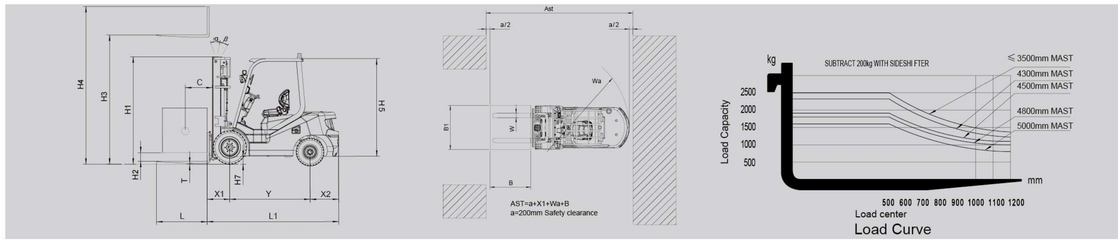
General	1	Model		FD20T-FN	FD25T-FN	FD20T-JBN	FD25T-JBN	FD20T-JCN	FD25T-JCN
	2	Power Type		Diesel					
	3	Rated Load Capacity	Q(kg)	2000	2500	2000	2500	2000	2500
Characteristic & Dimension	4	Load centre	C(mm)	500					
	5	Rated Lift Height	H3(mm)	3000					
	6	Free Lift Height	H2(mm)	100					
	7	Fork Size(L 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					
Perfomance	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 III)		4TNE92(EU III &EPAIII)	
	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-JAN FG20T-JAN FL20T-JAN	FGL25T-JAN FG25T-JAN FL25T-JAN	FL20T-JGN	FL25T-JGN
	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	Astmm	4120			
Perfomance	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			



UN FORKLIFT

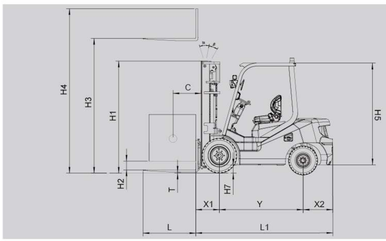
N series

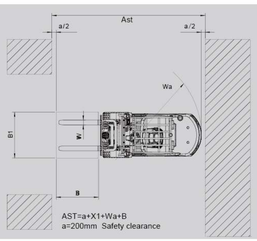
N Series Internal Combustion

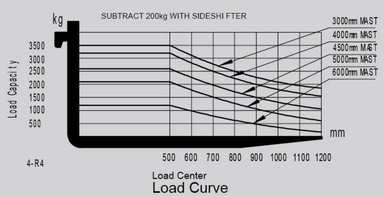
Diesel Forklift 3.0-3.5T

MAIN SPECIFICATIONS

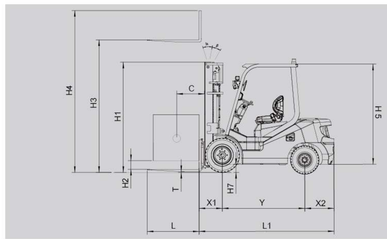
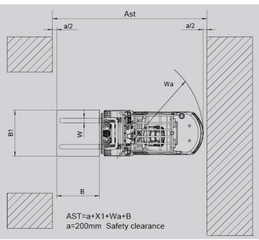
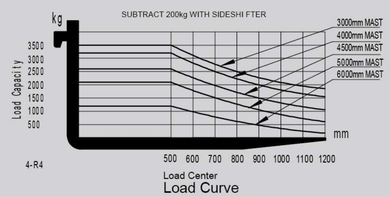
General	1	Model		FD30T-JBN	FD35T-JBN	FD30T-FN	FD35T-FN
	2	Power Type		Diesel			
	3	Rated Load Capacity	Q(kg)	3000	3500	3000	3500
	4	Load centre	C(mm)	500			
Characteristic & Dimension	5	Rated Lift Height	H3(mm)	3000			
	6	Free Lift Height	H2(mm)	100			
	7	Fork Size(L x W x T)	mm	1070x125x45			
	8	Mast 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	Ast(mm)	4180	4255	4180	4255
Perfomance	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
Power & Transmission	26	Battery	V/Ah	12/90			
	27	Engine Model		C240NKFC-01(Eu III)		C490BPG-37(Eu III)	
	28	Engine Manufacturer		ISUZU		XINCHAI	
	29	Rated Output / r.p.m.	kw	34.5/3500		36.8/2650	
	30	Transmission Type		Powershift (Manual)			
	31	Operating Pressure(For Attachments)	Mpa	17.5			







Gasoline & LPG Forklift 3.0-3.5T

MAIN SPECIFICATIONS

General				FGL30T-JAN FG30T-JAN FL30T-JAN	FGL35T-JAN FG35T-JAN FL35T-JAN	FL30T-JGN	FL35T-JGN
	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, 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	Astmm	4180	4255	4180	4255
Perfomance	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	6714/1784	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		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