



■ Headquarter



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UN FORKLIFT



IC Forklift Truck (1-10 Ton)

Electric Forklift Truck (1-5 Ton)

Warehouse Equipment

We are forklift

UN FORKLIFT Range

With over 35 years' experience in forklift industry, UN is committed to innovation in its product range, covering electric forklift 1-5 ton, diesel forklift 1-10 ton, LPG/Gasoline forklift 1-5 ton and related warehouse equipment. UN Forklift delivers optimized solutions combined with safety, efficiency and high performance to your material handling needs.

Diesel Forklift Truck



LPG / Gasoline Forklift Truck



Electric Forklift Truck

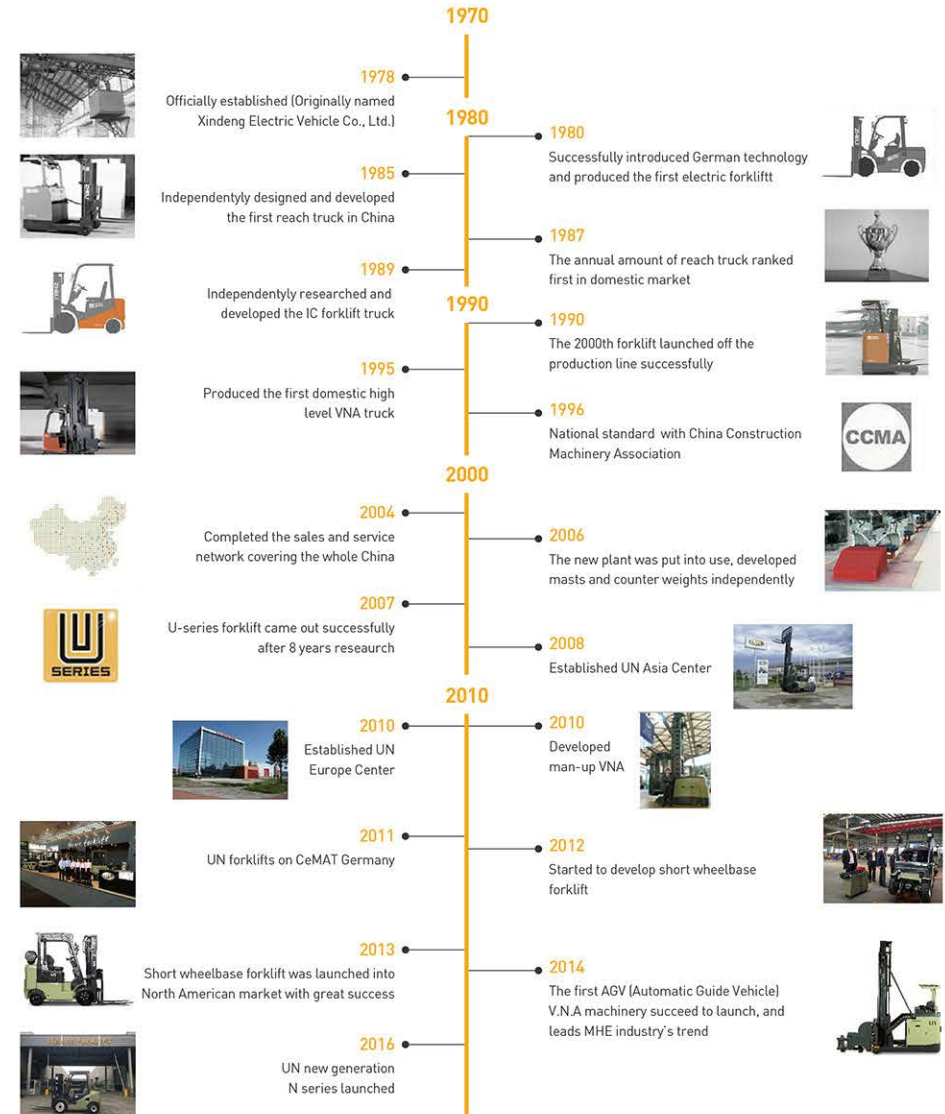


Warehouse Equipment



UN History

UN FORKLIFT was established in 1978. For more than 35 years, UN grows one of the global forklift manufacturers to make progress possible and drive positive solution all over the world. We made big innovation on forklift design and production to make a reliable and advanced forklift.





Welcome to UN

ZHEJIANG UN FORKLIFT was established in 1978. Backed by over 35 years of experience, UN FORKLIFT grows one of the most well-known global material handling equipment brands combining research, manufacturing, sales and service. UN FORKLIFT has developed a wide range of dealer network including Europe, North America, South America, Southeast Asia, Middle East, and its sales and service station extend to more than 130 countries and regions. UN FORKLIFT made a rapid progress in the past years. The newly established workshop has the production capacity of 15000 units/year. The promising strategy together with the advanced technology attracts a number of professionals working for the development of UN FORKLIFT. With all these achievements, we are proud of UN FORKLIFT and say we are forklift!

Brand Value

UN means UNIVERSAL, which implies the idea of future development of our company. Our mission is to integrate advanced technologies to promote progress in this industry, to contribute to society through our honest work in business. Our value is to get win-win cooperation with customers, to compete and cooperate with peers, to make common progress with employees. Our enterprise spirit is to share happiness and harvest together. Our enterprise object is to set up a renowned hundred year old brand in the world.

Focusing on R&D

What you find is not only products but ergonomic design and humanistic service. Each UN FORKLIFT model has its unique design, for example, suspension chassis of IC forklifts reduces vibration maximally; side battery changing system of electric forklifts saves your time effectively; intelligent control system of V.N.A. makes your operation more accurate, faster and more reliable.

Certificate



Why Choose UN?

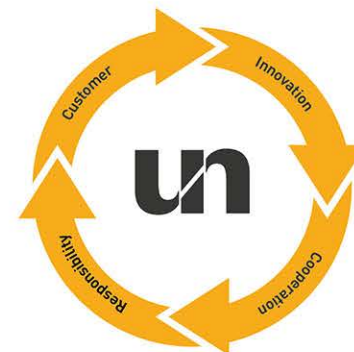
UN FORKLIFT is designed and built to make your each penny effective and efficient with well operating performance, longer life span, less and easier maintenance.

- ✓ With more than 35 years experience
- ✓ Top 5 Chinese forklift brand
- ✓ Abundant parts in stock
- ✓ Highly acknowledged for innovative design
- ✓ High efficiency and reliable quality
- ✓ Ergonomic design and humanistic service
- ✓ Quick after sales service
- ✓ Customer orientation as our principle



Our Culture

On basis of the professional team's outstanding innovation in this industry, UN FORKLIFT is always committed to supplying best possible solutions to our customers' material handling needs, gradually approaching ultimate win-win cooperation with our customers and contributing to social responsibility.



Customer-oriented



Innovation-centered



Win-win cooperation



Social responsibility



Sharing Comfort

The steering wheel and the seat are adjustable, so an operator can choose the best driving position. Suspension, fold down and waist restraint provide maximum operator comfort and enhance safety. Wide designed over guard offers ample head clearance, while front to back travel. The cabin is designed to provide a broad spectrum of views. Its integrated intelligent systems can track the status of the machine. Super dynamic design creates the operator a pleasant work environment.



Driving Safely

Each forklift is able to install a operator presence system, if the operator leaves the seat, this comprehensive system will automatically prevent lift and tilt operations, and minimize forklift movement as well. The other audible and visual warnings come as standard includes parking brake warning and seat belt alarm. The back-up alarm brings pedestrians and operators' attention to avoid accidents.



Service

Extended Warranties

In order to guarantee your investment, UN FORKLIFT provide a choice of warranties that offer complete peace of mind. As robust and dependable as the trucks themselves, our standard and extended warranties provide you with low operating costs and long-term insurance against unexpected repairs.

Lower Maintenance Cost

UN Forklift has fully considered each aspect in the every beginning of designing forklift. To lower the maintenance cost by designing and to enhance the ability of our forklifts through supervising and controlling the quality in order to give fully assurance for the maintenance.

Free Training

Operation training, service training, sales training and theory training have constituted the training system of serving client, and this will give our clients the assurance of buying and using our forklifts.

In 10 years, any parts needed will be found in our warehouse, and information of each forklift will be listed in our own electronic information system, which helps us find out the exact parts you need.



Parts Service

UN FORKLIFT will establish a modern parts warehouse to store 50,000 parts which are frequently used. The warehouse will be equipped with a thermostatic chamber, storing electronics components, easy-rusting and high-precision parts. At the same time, we will set up parts service centers worldwide:

- UN FORKLIFT (Europe)
- UN FORKLIFT (America)
- UN FORKLIFT (Oceania)
- UN FORKLIFT (Africa)



PRODUCT ADVANTAGES

High Visibility and Safety Over Head Guard

Wide and rugged designed overhead guard offers ample head clearance, while front to back travel. The cabin(option) is designed to provide a broad spectrum of views. Thanks to its integrated intelligent systems can track the status of the machine. Super dynamic design creates the operator a pleasant work environment.



Durable Strobe LED Lights

UN FORKLIFT LED lights are cost-effective and durable solutions for delivering greater visibility. Plastic lenses make them ideal for high vibration or food grade applications.



Operator Comfort

The steering wheel and the seat are adjustable, so an operator can choose the best driving position. A spacious operator zone provides generous foot, leg and head room for a variety of driver sizes, to facilitate ease of truck operation.



Rugged and Optional Engines

The highly fuel efficient Nissan K21&K25 and GM LPG engines, due to their low noise and minimal vibration, providing extremely high degree of reliability and outstanding performance; World class diesel engines like Yanmar, Mitsubishi and Isuzu original Japanese brands, with their durability, easy to operate, low smoke, environmental protectiveness, widely accepted by global customers and meet current low-emission standards.



Premium Hydraulic System and Components

The main hydraulic valve and gear pump adopt Shimadzu brand incorporates adjustable flow controls for tilt and auxiliary functions allowing for easy addition of extra functions and simplifies services.

One-piece Designed Frame

Strong welded and formed steel plate design protects from serious impact damage and extends the life of the truck; The full suspension chassis guarantees the operators more comfortable and safe. Integral hydraulic sump provides cooling for hydraulic systems.





Diesel Forklift Truck

capacity 1,500 to 1,800kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)	
					Lowered	Extended		Without Backrest	With Backrest				
			FD15/FD15T	FD18/FD18T		1.5/1.8t	1.5/1.8t		1.5/1.8t				
Wide View Mast	M270	2700	1500	1800	1875	3275	3755	100	100	6-12	6-12	2575	2875
	M300	3000	1500	1800	2025	3575	4055	100	100	6-12	6-12	2590	2890
	M330	3300	1500	1800	2175	3875	4355	100	100	6-12	6-12	2605	2905
	M350	3500	1500	1800	2275	4075	4555	100	100	6-12	6-12	2615	2915
	M370	3700	1500	1800	2375	4275	4755	100	100	6-6	6-6	2625	2925
	M400	4000	1500	1750	2575	4575	5055	100	100	6-6	*6-12	2655	2955
	M430	4300	1300	1650	2725	4875	5355	100	100	6-6	*6-12	2670	2970
	M450	4500	1250	1550	2825	5075	5555	100	100	6-6	*6-12	2685	2985
	M470	4700	1100	1400	2925	5275	5755	100	100	6-6	*6-12	2695	2995
	M500	5000	950	1050	3125	5575	6055	100	100	6-6	*6-6	2725	3025
2-Stage Full Free Wide View Mast	M550	5500	800	900	3375	6075	6555	100	100	3-6	*3-6	2750	3050
	M600	6000	600	700	3625	6575	7055	100	100	3-6	*3-6	2775	3075
3-Stage Full Free Wide View Mast	FM270	2700	1500	1800	1875	3220	3700	1300	830	6-12	*6-12	2650	2950
	FM300	3000	1500	1800	2025	3570	4050	1460	980	6-12	*6-12	2665	2965
	FM330	3300	1500	1800	2175	3920	4400	1610	1130	6-12	*6-12	2680	2980
	FM350	3500	1500	1800	2275	4070	4550	1710	1230	6-12	*6-12	2690	2990
	FM370	3700	1500	1800	2375	4220	4700	1800	1330	6-6	*6-12	2700	3000
	FM400	4000	1500	1800	2625	4570	5050	2000	1580	6-6	*6-12	2730	3030
	TFM400	4000	1500	1800	1925	4570	5035	1300	900	6-6	*6-6	2755	3055
	TFM430	4300	1250	1550	2025	4870	5335	1400	1000	6-6	*6-6	2775	3075
	TFM450	4500	1200	1500	2075	5070	5535	1500	1050	6-6	*6-6	2790	3090
	TFM470	4700	1180	1400	2125	5270	5735	1545	1100	6-6	*6-6	2805	3105
3-Stage Full Free Wide View Mast	TFM500	5000	900	1200	2225	5570	6035	1645	1200	6-6	*6-6	2830	3130
	TFM550	5500	800	1000	2425	6070	6535	1800	1400	3-6	*3-6	2870	3170
	TFM600	6000	600	700	2625	6570	7035	2000	1600	3-6	*3-6	2920	3220

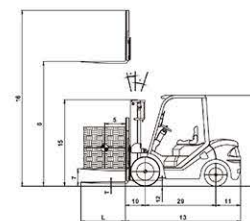
With Separated Side shifter, load capacity subtract 150Kg. With Integrated side shifter, load capacity subtract 50Kg.

MAIN SPECIFICATIONS

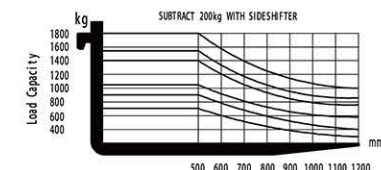
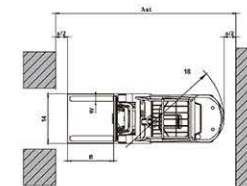
General	1	Manufacturer								1
	2	Model		FD15T-I (FD15-I)	FD18T-I (FD18-I)	FD15T-JB (FD15-JB)	FD18T-JB (FD18-JB)	FD15T-JC (FD15-JC)	FD18T-JC (FD18-JC)	2
Characteristic & Dimension	3	Power Type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3
	4	Rated Load Capacity	Q(kg)	1500	1800	1500	1800	1500	1800	4
	5	Load Centre	C(mm)	500	500	500	500	500	500	5
	6	Rated Lift Height	H _l (mm)	3000	3000	3000	3000	3000	3000	6
	7	Free Lift Height	H _l (mm)	100	100	100	100	100	100	7
	8	Fork Size (LxWxT)	mm	92x120x35	1070x120x40	92x120x35	1070x120x40	92x120x35	1070x120x40	8
	9	Mast Tilt Angle (F/R, °/8°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9
	10	Fork Overhang (Wheel Center to Fork Face)	X _l (mm)	409	409	409	409	409	409	10
	11	Rear Overhang	X _r (mm)	450	490	450	490	450	490	11
	12	Ground Clearance (Bottom of Mast)	H _l (mm)	110	110	110	110	110	110	12
	13	Length to Face of Fork (Without Fork)	L _l (mm)	2250	2290	2250	2290	2250	2290	13
Performance	14	Overall Width	B _l (mm)	1090	1090	1090	1090	1090	1090	14
	15	Mast Lowered Height	H _l (mm)	2025	2025	2025	2025	2025	2025	15
	16	Mast Extended Height (With Backrest)	H _l (mm)	4055	4055	4055	4055	4055	4055	16
	17	Overhead Guard Height	H _l (mm)	2180	2180	2180	2180	2180	2180	17
	18	Turning Radius (Outside)	W _l (mm)	2030	2060	2060	2060	2060	2060	18
	19	Min.Aisle width for pallets	mm	3560	3740	3560	3740	3560	3740	19
	20	Travel Speed (No Load)	km/h	14.5	14.5	14.5	14.5	14.5	14.5	20
	21	Lifting Speed (Full Load)	mm/sec	560	560	560	560	560	560	21
	22	Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	22
	23	Max.Drawbar Pull (Full Load/No Load)	KN	17(14.5)	17(14.5)	20.5(17.5)	20.5(17.5)	21(18)	21(18)	23
	24	Max.Gradeability (Full Load)	%	20	20	20	20	20	20	24
Chassis	25	Tyre (Front x 2)	mm	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	25
	26	Tyre (Rear x 2)	mm	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	26
	27	Front Tread	B _l (mm)	890	890	890	890	890	890	27
	28	Rear Tread	B _l (mm)	920	920	920	920	920	920	28
Weight	29	Wheelbase	Y _l (mm)	1410	1410	1410	1410	1410	1410	29
	30	Total Weight	kg	2590	2890	2590	2890	2590	2890	30
	31	Front Axle Weight Distribution (Full Load)	kg	3610	4055	3610	4055	3610	4055	31
	32	Rear Axle Weight Distribution (Full Load)	kg	480	545	480	545	480	545	32
	33	Front Axle Weight Distribution (No Load)	kg	1160	1170	1160	1170	1160	1170	33
	34	Rear Axle Weight Distribution (No Load)	kg	1430	1630	1430	1630	1430	1630	34
Power & Transmission	35	Battery	V/Ah	12/90	12/90	12/90	12/90	12/90	12/90	35
	36	Engine Model		NB485BPG		C240PKJ30 (EuIII)		4TNE92 (EuIII & EPAIII)		36
	37	Engine Manufacturer		XINCHAI	XINCHAI	ISUZU	ISUZU	YANMAR	YANMAR	37
	38	Rated Output / r.p.m.	kw	30/2600	30/2600	34.5/2500	34.5/2500	33/2450	33/2450	38
	39	Rated Torque / r.p.m.	N·m	131/1800	131/1800	139/1800	139/1800	150/1600	150/1600	39
	40	No.of Cylinder		4	4	4	4	4	4	40
	41	Bore x Stroke	mm	85X100	85X100	86X102	86X102	92X110	92X110	41
	42	Displacement	cc	2270	2270	2369	2369	2659	2659	42
	43	Fuel Tank Capacity	L	45	45	45	45	45	45	43
	44	Transmission Type		Powershift[Manual]						44
	45	Transmission Stage (FWD/RVS)		1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	45
	46	Operating Pressure (For Attachments)	Mpa	14.5	14.5	14.5	14.5	14.5	14.5	46

Specifications and characteristics are subject to change without notice.Please contact us for detailed information.

UN Forklift retains the right to interpret.



a:200mm Safety clearance
A:571x1015x16





Diesel Forklift Truck

capacity 2,000 to 2,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (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	Without Backrest	With Backrest									
			FD20/ FD20T (Single)	FD20/ FD20T (Double)	FD25/ FD25T (Single)	FD25/ FD25T (Double)	2.0/2.5t	2.0/2.5t		2.0/2.5t					
Wide View Mast	M270	2700	2000	2000	2500	2500	1905	3280	3770	100	100	6-12	6-12	3425	3700
	M300	3000	2000	2000	2500	2500	2055	3580	4070	100	100	6-12	6-12	3450	3750
	M330	3300	2000	2000	2500	2500	2205	3880	4370	100	100	6-12	6-12	3475	3775
	M350	3500	2000	2000	2500	2500	2305	4080	4570	100	100	6-12	6-12	3490	3790
	M370	3700	2000	2000	2500	2500	2405	4280	4770	100	100	6-6	6-6	3510	3800
	M400	4000	2000	2000	2450	2450	2605	4580	5070	100	100	6-6	*6-12	3530	3830
	M430	4300	1850	1850	2150	2150	2755	4880	5370	100	100	6-6	*6-12	3555	3855
	M450	4500	1800	*1900	2000	*2400	2855	5080	5570	100	100	6-6	*6-12	3570	3870
	M470	4700	1450	*1850	1750	*2050	2955	5280	5770	100	100	6-6	*6-12	3590	3890
	M500	5000	1300	*1700	1600	*2100	3155	5580	6070	100	100	6-6	*6-6	3620	3920
2-Stage Full Free Wide View Mast	M550	5500	1100	*1500	1350	*1700	3405	6080	6570	100	100	3-6	*3-6	3640	3940
	M600	6000	950	*1300	1050	*1500	3655	6580	7070	100	100	3-6	*3-6	3700	400
	FM270	2700	2000	2000	2500	2500	1920	3255	3718	1300	857	6-12	6-12	3465	3745
	FM300	3000	2000	2000	2500	2500	2070	3605	4068	1470	1007	6-12	6-12	3490	3790
3-Stage Full Free Wide View Mast	FM330	3300	2000	2000	2500	2500	2220	3955	4418	1620	1157	6-12	6-12	3515	3875
	FM350	3500	2000	2000	2500	2500	2320	4105	4568	1720	1257	6-12	6-12	3530	3830
	FM370	3700	2000	2000	2500	2500	2420	4255	4718	1800	1357	6-6	6-6	3545	3845
	FM400	4000	2000	2000	2500	2500	2670	4405	5068	2000	1407	6-6	*6-12	3570	3870
	TFM400	4000	2000	*2000	2500	*2500	1945	4407	5070	1300	885	6-6	*6-6	3600	3900
	TFM430	4300	1850	*1900	2200	*2400	2045	4907	5370	1400	985	6-6	*6-6	3630	3930
	TFM450	4500	1700	*1800	2000	*2300	2095	5107	5570	1498	1035	6-6	*6-6	3650	3950
	TFM470	4700	1600	*1750	1900	*2200	2145	5307	5770	1548	1085	6-6	*6-6	3670	3970
	TFM500	5000	1400	*1600	1500	*2000	2245	5607	6070	1648	1185	6-6	*6-6	3700	4000
	TFM550	5500	1100	*1500	1200	*1800	2445	6107	6570	1800	1385	3-6	*3-6	3750	4050
	TFM600	6000	800	*1400	850	*1600	2645	6607	7070	2000	1585	3-6	*3-6	3800	4100
	TFM650	6500	500	*1100	550	*1200	2895	7107	7570	2200	1835	3-6	*3-6	3850	4150
	TFM700	7000	100	*700	150	*800	3095	7607	8070	2300	2035	3-6	*3-6	3900	4200

With Separated Side Shifter, load capacity subtract 200kg. With Integrated side shifter, load capacity subtract 50kg.

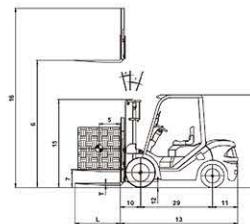
* (Asterisk) is for double front wheels model.

MAIN SPECIFICATIONS

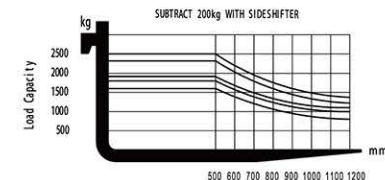
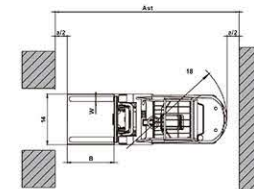
General	1	Manufacturer												1
	2	Model		FD20T-E (FD20-E)	FD25T-E (FD25-E)	FD20T-F (FD20-F)	FD25T-F (FD25-F)	FD20T-JB (FD20-JB)	FD25T-JB (FD25-JB)	FD20T-JC (FD20-JC)	FD25T-JC (FD25-JC)	FD20T-JE (FD20-JE)	FD25T-JE (FD25-JE)	2
	3	Power Type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3
	4	Rated Load Capacity	Q(kg)	2000	2500	2000	2500	2000	2500	2000	2500	2000	2500	4
	5	Load Centre	C(mm)	500	500	500	500	500	500	500	500	500	500	5
	6	Rated Lift Height	Hl(mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	6
	7	Free Lift Height	Hl(mm)	100	100	100	100	100	100	100	100	100	100	7
Characteristic & Dimension	8	Fork Size (LxWxT)	mm	1070x120x40										8
	9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9
	10	Fork Overhang (Wheel Center to Fork Face)	Xl(mm)	479	479	479	479	479	479	479	479	479	479	10
	11	Rear Overhang	Xr(mm)	520	520	520	520	520	520	520	520	520	520	11
	12	Ground Clearance (Bottom of Mast)	Hl(mm)	130	130	130	130	130	130	130	130	130	130	12
	13	Length to Face of Fork (Without Fork)	Ll(mm)	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	13
	14	Overall Width	Bl(mm)	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	14
	15	Mast Lowered Height	Hl(mm)	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	15
	16	Mast Extended Height (With Backrest)	Hl(mm)	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	16
	17	Overhead Guard Height	Hl(mm)	2215	2215	2215	2215	2215	2215	2215	2215	2215	2215	17
Performance	18	Turning Radius (Outside)	Wal(mm)	2365	2365	2365	2365	2365	2365	2365	2365	2365	2365	18
	19	Min.Aisle width for pallets	Asl(mm)	4120	4120	4120	4120	4120	4120	4120	4120	4120	4120	19
	20	Travel Speed (No Load)	km/h	19	19	19	19	19	19	19	19	19	19	20
	21	Lifting Speed (Full Load)	mm/sec	510	510	510	510	510	510	510	510	510	510	21
	22	Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	450	450	450	450	22
	23	Max.Drawbar Pull (Full Load/No Load)	KN	17(14.5)	17(14.5)	17(14.5)	17(14.5)	17(13.7)	17(13.7)	17(13.5)	17(13.5)	17(13.5)	17(13.5)	23
	24	Max.Gradeability (Full Load)	%											24
	25	Tyre (Front x 2)	mm	7.00-12-12PR										25
	26	Tyre (Rear x 2)	mm	6.00-9-10PR										26
	27	Front Tread	Bs(mm)	970	970	970	970	970	970	970	970	970	970	27
Weight	28	Rear Tread	Bs(mm)	980	980	980	980	980	980	980	980	980	980	28
	29	Wheelbase	Yl(mm)	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	29
	30	Total Weight	kg	3450	3950	3450	3950	3450	3950	3450	3950	3450	3950	30
	31	Front Axle Weight Distribution (Full Load)	kg	4856	5372	4856	5372	4856	5372	4856	5372	4856	5372	31
	32	Rear Axle Weight Distribution (Full Load)	kg	594	748	594	748	594	748	594	748	594	748	32
	33	Front Axle Weight Distribution (No Load)	kg	1507	1492	1507	1492	1507	1492	1507	1492	1507	1492	33
	34	Rear Axle Weight Distribution (No Load)	kg	1943	2128	1943	2128	1943	2128	1943	2128	1943	2128	34
	35	Battery	V/Ah											35
	36	Engine Model		A498BT1-35	C490BPG -37(EuIII)	C240PKJ30 (EuIII)	ISUZU	4TNE92 (EuIII & EPAIII)	4TNE98 (EuIII & EPAIII)	4TNE98 (EuIII & EPAIII)	4TNE98 (EuIII & EPAIII)	4TNE98 (EuIII & EPAIII)	4TNE98 (EuIII & EPAIII)	36
	37	Engine Manufacturer		XINCHAI	XINCHAI	ISUZU	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	37
Power & Transmission	38	Rated Output / r.p.m.	kw	36.8/2400	36.8/2400	36.8/2400	36.8/2400	34.5/2500	34.5/2500	33/2450	44.4/2300	44.4/2300	38	
	39	Rated Torque / r.p.m.	N-m	193/1600-1800	193/1600-1800	156/1800	156/1800	139/1800	139/1800	150/1600	187-207/1700	187-207/1700	39	
	40	No. of Cylinder												40
	41	Bore x Stroke	mm	98x105	98x105	90x105	90x105	86x102	86x102	92x110	92x110	98x110	98x110	41
	42	Displacement	cc	3168	3168	2670	2670	2369	2369	2659	2659	3318	3318	42
	43	Fuel Tank Capacity	L	50	50	50	50	50	50	50	50	50	50	43
	44	Transmission Type		Powershift(Manual)										44
	45	Transmission Stage (FWD/RVS)		1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	45
	46	Operating Pressure (For Attachments)	Mpa	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	46

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.



a=500mm Safety clearance
AST=a+10+18+B



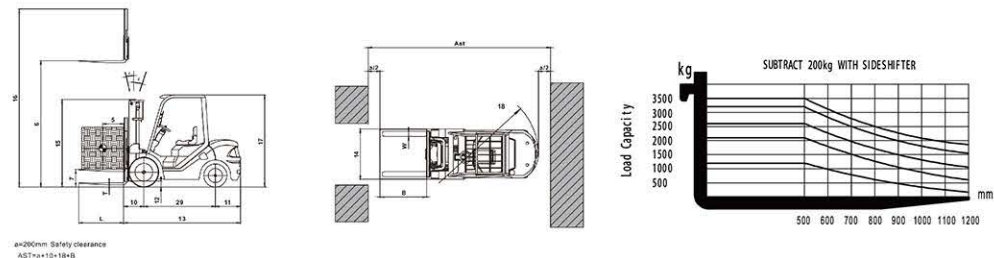


Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)	
							Lowered	Extended		Without Backrest	With Backrest				
			FD30/ FD30T (Single)	FD30/ FD30T (Double)	FD35/ FD35T (Single)	FD35/ FD35T (Double)		3.0T/3.5t	3.0T/3.5t					3.0T/3.5t	
Wide View Mast	M270	2700	3000	3000	3500	3500	1920	3295	3770	100	100	6-12	6-12	4316	4616
	M300	3000	3000	3000	3500	3500	2070	3595	4070	100	100	6-12	6-12	4340	4640
	M330	3300	3000	3000	3500	3500	2220	3895	4370	100	100	6-12	6-12	4365	4665
	M350	3500	3000	3000	3500	3500	2320	4095	4570	100	100	6-12	6-12	4380	4680
	M370	3700	3000	3000	3400	3400	2420	4295	4770	100	100	6-6	6-6	4395	4695
	M400	4000	2950	2950	3250	3250	2620	4595	5070	100	100	6-6	*6-12	4420	4720
	M430	4300	2880	2880	3100	3100	2770	4895	5370	100	100	6-6	*6-12	4445	4745
	M450	4500	2600	*2900	2900	*3000	2870	5095	5570	100	100	6-6	*6-12	4460	4760
	M470	4700	2500	2800	2800	2900	2970	5295	5770	100	100	6-6	*6-12	4475	4775
	M500	5000	2200	*2550	2400	*2800	3170	5595	6070	100	100	6-6	*6-6	4510	4810
M550	5500	2000	*2400	2200	*2600	3420	5895	6570	100	100	3-6	*3-6	4560	4860	
M600	6000	1500	*2000	1600	*2400	3670	6595	7070	100	100	3-6	*3-6	4600	4900	
2-Stage Full Free Wide View Mast	FM270	2700	3000	3000	3500	3500	1920	3240	3715	1232	757	6-12	6-12	4395	4695
	FM300	3000	3000	3000	3500	3500	2070	3590	4065	1382	907	6-12	6-12	4420	4720
	FM330	3300	3000	3000	3500	3500	2220	3940	4415	1532	1057	6-12	6-12	4445	4745
	FM350	3500	3000	3000	3500	3500	2320	4090	4565	1632	1157	6-12	6-12	4460	4760
	FM370	3700	3000	3000	3500	3500	2420	4240	4715	1732	1257	6-6	6-6	4475	4775
	FM400	4000	3000	3000	3250	*3500	2670	4590	5065	1982	1507	6-6	*6-12	4500	4800
3-Stage Full Free Wide View Mast	TFM400	4000	3000	*3000	3000	*3500	1960	4700	5175	1272	797	6-6	6-6	4550	4850
	TFM430	4300	2800	*2900	3000	*3350	2060	5000	5475	1372	897	6-6	*6-6	4580	4880
	TFM450	4500	2600	*2800	2800	*3200	2110	5200	5675	1422	947	6-6	*6-6	4600	4900
	TFM470	4700	2400	*2700	2500	*3000	2160	5400	5875	1472	997	6-6	*6-6	4620	4920
	TFM500	5000	2100	*2400	2300	*2800	2260	5700	6175	1572	1097	6-6	*6-6	4630	4930
	TFM550	5500	1650	*2250	1800	*2550	2460	6200	6675	1772	1297	3-6	*3-6	4680	4980
	TFM600	6000	1200	*2100	1300	*2300	2660	6700	7175	1972	1497	3-6	*3-6	4750	5050
	TFM650	6500	950	*1700	1050	*1800	2910	7200	7675	2200	1747	3-6	*3-6	4800	5100
TFM700	7000	650	*1400	750	*1500	3110	7700	8175</							

* [Asterisk] is for double front wheels model.

General	1	Manufacturer														1	
	2	Model		F303T-E (F303E-E)	F303T-E (F303E-E)	F303T-F (F303F-F)	F303T-F (F303F-F)	F303T-JB (F303J-B)	F303T-JB (F303J-B)	F303T-JE (F303J-E)	F303T-JE (F303J-E)	F303T-JM (F303J-M)	F303T-JM (F303J-M)	F303T-JD (F303J-D)	2		
	3	Power Type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3		
	4	Rated Load Capacity	Q(kg)	3000	3500	3000	3500	3000	3500	3000	3500	3000	3500	3000	3500	4	
Characteristic & Dimension	5	Load Centre	C1(mm)	500	500	500	500	500	500	500	500	500	500	500	5		
	6	Rated Lift Height	H1(mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	6		
	7	Free Lift Height	H2(mm)	100	100	100	100	100	100	100	100	100	100	100	7		
	8	Fork Size [LxW-T]	mm	1070x125x45	1070x125x50	1070x125x45	1070x125x45	1070x125x45	1070x125x45	1070x125x45	1070x125x45	1070x125x45	1070x125x50	1070x125x45	1070x125x50	8	
	9	Mast Tilt Angle [F/R, α°/β°]	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9	
	10	Fork Overhang [Wheel Center to Fork Face]	Xi(mm)	484	484	484	484	484	484	484	484	484	484	484	484	10	
	11	Rear Overhang	Xi2(mm)	595	635	595	635	595	635	595	635	595	635	595	635	11	
	12	Ground Clearance [Bottom of Mast]	Hr(mm)	145	145	145	145	145	145	145	145	145	145	145	145	12	
	13	Length to Face of Fork [Without Fork]	L1(mm)	2773	2813	2773	2813	2773	2813	2773	2813	2773	2813	2773	2813	13	
	14	Overall Width	B1(mm)	1225	1225	1225	1225	1225	1225	1225	1225	1225	1225	1225	1225	14	
	15	Mast Extended Height	H1(mm)	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	15	
	16	Mast Lowered Height [With Backrest]	H2(mm)	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	16	
	17	Overhead Guard Height	H3(mm)	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	17	
	18	Turning Radius [Outside]	Wal(mm)	2480	2480	2480	2480	2480	2480	2480	2480	2480	2480	2480	2480	18	
	19	Min.Aisle width for pallets	As1(mm)	4205	4235	4205	4235	4205	4235	4205	4235	4205	4235	4205	4235	19	
	Performance	20	Travel Speed [No Load]	km/h	19	19	19	19	19	19	19	19	19	19	19	20	
		21	Lifting Speed [Full Load]	mm/sec	430	400	430	400	410	380	410	380	410	380	410	380	21
		22	Lowering Speed [Full Load]	mm/sec	450	450	450	450	450	450	450	450	450	450	450	450	22
		23	Max.Drawbar Pull [Full Load/No Load]	kN	14615(7)	1615(7)	14615(7)	1615(7)	18314(8)	18314(8)	24621	24621	24621	24621	24621	24621	23
Chassis	24	Max.Gradeability [Full Load]	%	20	20	20	20	20	20	20	20	20	20	20	24		
	25	Tyre [Front x 2]	mm	28x9-15-12PR												25	
	26	Tyre [Rear x 2]	mm	6.50-10-10PR												26	
	27	Front Tread	B1(mm)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	27	
Weight	28	Rear Tread	B2(mm)	980	980	980	980	980	980	980	980	980	980	980	28		
	29	Wheelbase	Y1(mm)	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	29		
	30	Total Weight	kg	4340	4840	4340	4840	4340	4840	4340	4840	4340	4840	4340	4840	30	
	31	Front Axle Weight Distribution [Full Load]	kg	6490	7220</												

UN Forklift retains the right to interpret.





Diesel Forklift Truck

capacity 4,000 to 5,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)						Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)						
									Lowered	Extended		Without Backrest	With Backrest					Without Backrest	With Backrest		
			FD40T (Single)	FD40T (Double)	FD45T (Single)	FD45T (Double)	FD50T (Single)	FD50T (Double)		4.0t/4.5t/5.0t					4.0t/4.5t/5.0t		FD40T			FD45T	FD50T
Wide View Mast	RM300	3000	4000	4200	4500	4750	5000	5300	2260	3735	4266	84	84	6-12	6600	6800	7100				
	RM330	3300	4000	4200	4500	4750	5000	5300	2410	4035	4566	84	84	6-12	6680	6880	7180				
	RM350	3500	4000	4200	4500	4750	5000	5300	2510	4235	4766	84	84	6-12	6750	6930	7230				
	RM370	3700	4000	4200	4500	4750	4850	5150	2610	4435	4966	84	84	6-12	6800	6980	7280				
	RM400	4000	4000	4200	4500	4750	4650	4850	2810	4735	5266	84	84	6-6	7000	7200	7500				
	RM430	4300	3800	4000	4200	4450	4300	4600	2960	5035	5566	84	84	6-6	7100	7350	7650				
	RM450	4500	3600	3800	4000	4250	4200	4500	3060	5235	5766	84	84	6-6	7200	7420	7720				
	RM470	4700	3300	3500	3700	3950	3800	4100	3160	5435	5966	84	84	6-6	7250	7450	7750				
	RM500	5000	3000	3200	3500	3750	3650	3900	3310	5735	6266	84	84	6-6	7300	7500	7800				
	RM550	5500	2300	2500	2700	2950	2800	3100	3560	6235	6766	84	84	3-6	7550	7750	8000				
RM600	6000	2000	2200	2400	2650	2500	2800	3860	6735	7266	84	84	3-6	7700	7900	8200					
3-Stage Full Free Wide View Mast	TFM400	4000	3800	4000	4300	4550	4600	4900	2205	4659	5190	1379	1100	6-6	7450	7650	7950				
	TFM430	4300	3600	3800	4000	4050	4100	4400	2320	5004	5535	1494	1125	6-6	7650	7850	8150				
	TFM450	4500	3300	3500	3700	3950	4000	4300	2370	5154	5685	1544	1175	6-6	7750	7950	8250				
	TFM470	4700	3000	3200	3300	3500	3600	3900	2435	5349	5880	1609	1240	6-6	7800	8000	8300				
	TFM500	5000	2800	3000	3100	3350	3400	3700	2535	5649	6180	1709	1340	6-6	7860	8060	8360				
	TFM550	5500	2300	2500	2600	2850	2900	3200	2700	6144	6675	1874	1430	3-6	7960	8160	8460				
	TFM600	6000	1800	2000	2000	2250	2300	2600	2970	6654	7185	2044	1775	3-6	8060	8260	8560				

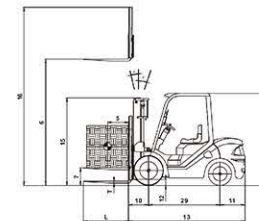
With Separated Side shifter, load capacity subtract 200Kg. With Integrated side shifter, load capacity subtract 100Kg.

MAIN SPECIFICATIONS

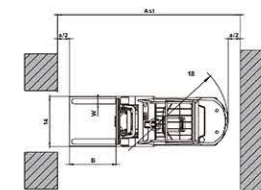
General	1	Manufacturer								1	
	2	Model		FD40T-L	FD45T-L	FD50T-L	FD40T-JK	FD45T-JK	FD50T-JK	2	
	3	Power Type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3	
	4	Rated Load Capacity	Q(kg)	4000	4500	5000	4000	4500	5000	4	
	5	Load Centre	C(mm)	500	500	500	500	500	500	5	
Characteristic & Dimension	6	Rated Lift Height	H ₁ (mm)	3000	3000	3000	3000	3000	3000	6	
	7	Free Lift Height	H ₂ (mm)	84	84	84	84	84	84	7	
	8	Fork Size (L×W×T)	mm	1070x150x50	1070x150x50	1070x150x50	1070x150x50	1070x150x50	1070x150x50	8	
	9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9	
	10	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	578	578	578	578	578	578	10	
	11	Rear Overhang	X ₂ (mm)	550	570	614	550	570	614	11	
	12	Ground Clearance (Bottom of Mast)	H ₃ (mm)	175	175	175	175	175	175	12	
	13	Length to Face of Fork (Without Fork)	L ₁ (mm)	3091	3091	3125	3091	3091	3125	13	
	14	Overall Width	B ₁ (mm)	1485	1485	1485	1485	1485	1485	14	
	15	Mast Lowered Height	H ₄ (mm)	2260	2260	2260	2260	2260	2260	15	
	16	Mast Extended Height (With Backrest)	H ₅ (mm)	4266	4266	4266	4266	4266	4266	16	
	17	Overhead Guard Height	H ₆ (mm)	2240	2240	2240	2240	2240	2240	17	
	18	Turning Radius (Outside)	W ₁ (mm)	2790	2790	2830	2790	2790	2830	18	
	19	Min.Aisle width for pallets	A ₁ (mm)	4640	4640	4680	4640	4640	4680	19	
	Performance	20	Travel Speed (No Load)	km/h	22	22	22	22	22	22	20
		21	Lifting Speed (Full Load)	mm/sec	450	450	430	450	450	430	21
		22	Lowering Speed (Full Load)	mm/sec	480	480	480	480	480	480	22
		23	Max.Drawbar Pull (Full Load)	KN	>21	>21	>21	>21	>21	>21	23
	24	Max.Gradeability (Full Load)	%	>20%	>20%	>20%	>20%	>20%	>20%	24	
Chassis	25	Tyre (Front x 2)	mm	300-15-18PR	300-15-18PR	300-15-18PR	300-15-18PR	300-15-18PR	300-15-18PR	25	
	26	Tyre (Rear x 2)	mm	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	26	
	27	Front Tread	B ₂ (mm)	1180	1180	1180	1180	1180	1180	27	
	28	Rear Tread	B ₃ (mm)	1190	1190	1190	1190	1190	1190	28	
Weight	29	Wheelbase	Y(mm)	2000	2000	2000	2000	2000	2000	29	
	30	Total Weight	kg	6600	6800	7100	6600	6800	7100	30	
	31	Front Axle Weight Distribution (Full Load)	kg	9010	9750	10500	9010	9750	10500	31	
	32	Rear Axle Weight Distribution (Full Load)	kg	1590	1550	1600	1590	1550	1600	32	
	33	Front Axle Weight Distribution (No Load)	kg	2750	2710	2680	2750	2710	2680	33	
	34	Rear Axle Weight Distribution (No Load)	kg	3850	4090	4420	3850	4090	4420	34	
	35	Battery	V/Ah	24/80	24/80	24/80	24/80	24/80	24/80	35	
Power & Transmission	36	Engine Model		LR4B3-22	LR4B3-22	LR4B3-22	1104D-44 (Eu III)	1104D-44 (Eu III)	1104D-44 (Eu III)	36	
	37	Engine Manufacturer		YTO	YTO	YTO	Perkins	Perkins	Perkins	37	
	38	Rated Output / r.p.m.	kw	57/2200	57/2200	57/2200	56/2200	56/2200	56/2200	38	
	39	Rated Torque / r.p.m.	N.m	285/1300-1500	285/1300-1500	285/1300-1500	260/1650	260/1650	260/1650	39	
	40	No. of Cylinder		4	4	4	4	4	4	40	
	41	Bore x Stroke	mm	108x125	108x125	108x125	105x27	105x27	105x27	41	
	42	Displacement	L	4.578	4.578	4.578	4.44	4.44	4.44	42	
	43	Fuel Tank Capacity	L	90	90	90	90	90	90	43	
	44	Transmission Type		Hydra	Hydra	Hydra	Hydra	Hydra	Hydra	44	
	45	Transmission Stage (FWD/RVS)		2/1	2/1	2/1	2/1	2/1	2/1	45	
	46	Operating Pressure (For Attachments)	Mpa	19	19	19	19	19	19	46	

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

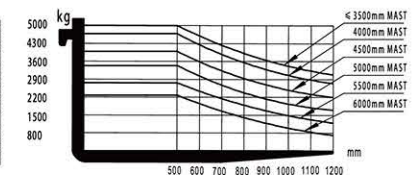
UN Forklift retains the right to interpret.



W=200mm Safety clearance
AST=10x10-B



Load chart





Diesel Forklift Truck

capacity 5,000 to 7,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)			Overall Height (mm)						Free Lift (mm)				Tilt Angle (F/R)	Total Weight (kg)		
						Lowered	Extended		Lowered	Extended		Without Backrest	With Backrest	Without Backrest	With Backrest				
			Without Backrest	With Backrest	Without Backrest		With Backrest	Without Backrest		With Backrest	Without Backrest						With Backrest		
			FD50T	FD60T	FD70T	5.0t/6.0t			7.0t			5.0t/6.0t		7.0t					
Wide View Mast	M300	3000	5000	6000	7000	2515	3967	4437	2615	4067	4437	152	152	152	152	6-12	7980	8640	9350
	M330	3300	5000	6000	7000	2665	4267	4737	2765	4367	4737	152	152	152	152	6-12	8025	8685	9395
	M350	3500	5000	6000	7000	2765	4467	4937	2865	4567	4937	152	152	152	152	6-12	8055	8715	9425
	M370	3700	5000	6000	7000	2890	4667	5137	2990	4767	5187	152	152	152	152	6-12	8095	8750	9460
	M400	4000	5000	6000	7000	3065	4967	5437	3165	5067	5437	152	152	152	152	6-12	8145	8805	9515
	M430	4300	5000	6000	7000	3165	5267	5737	3265	5367	5637	152	152	152	152	6-12	8175	8835	9545
	M450	4500	5000	6000	7000	3315	5467	5937	3415	5567	5937	152	152	152	152	6-12	8315	8975	9685
	M470	4700	5000	6000	7000	3440	5667	6137	3540	5767	6187	152	152	152	152	6-6	8350	9010	9720
	M500	5000	5000	6000	7000	3565	5967	6437	3665	6067	6437	152	152	152	152	6-6	8390	9050	9760
	M550	5500	4750	5700	6600	3865	6467	6937	3965	6567	6937	152	152	152	152	3-6	8570	9230	9940
M600	6000	4400	5400	6400	4115	6967	7437	4215	7067	7437	152	152	152	152	3-6	8645	9305	10015	
3-Stage Full Free Wide View Mast	TFM400	4000	5000	6000	7000	2510	5112	5437	2610	5112	5437	1378	1065	1378	1165	6-6	8540	9200	9895
	TFM430	4300	4500	5600	6500	2625	5412	5737	2725	5412	5737	1494	1180	1494	1280	6-6	8560	9220	9950
	TFM450	4500	4500	5600	6000	2675	5612	5937	2775	5612	5937	1544	1230	1544	1330	6-6	8580	9240	9970
	TFM470	4700	4500	5600	6000	2775	5812	6137	2875	5812	6137	1644	1330	1644	1430	6-6	8625	9285	10015
	TFM500	5000	4500	5600	6000	2840	6112	6437	2940	6112	6437	1708	1395	1708	1495	3-6	8720	9380	10110
	TFM550	5500	4200	5300	6300	3005	6612	6937	3105	6612	6937	1874	1560	1874	1640	3-6	8795	9455	10185
	TFM600	6000	4000	5000	6000	3220	7112	7437	3320	7112	7437	2044	1775	2044	1875	3-6	8885	9545	10275

With Separated Side Shifter, load capacity subtract 350Kg. With Integrated side shifter, load capacity subtract 100Kg.

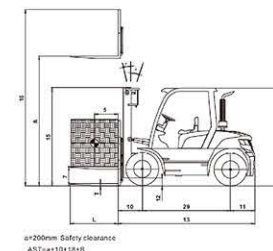
Double front wheels are standard.

MAIN SPECIFICATIONS

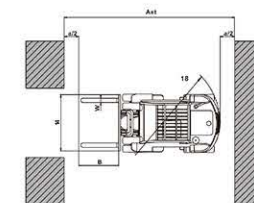
General	1	Manufacturer													1	
	2	Model	FD50T-H	FD40T-H	FD70T-H	FD50T-JF	FD40T-JF	FD70T-JF	FD50T-JI	FD40T-JI	FD70T-JI	FD50T-JT	FD40T-JT	FD70T-JT	2	
Characteristic & Dimension	3	Power Type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3	
	4	Rated Load Capacity	Q(kg)	5000	6000	7000	5000	6000	7000	5000	6000	7000	5000	6000	7000	4
	5	Load Centre	C(mm)	600	600	600	600	600	600	600	600	600	600	600	600	5
	6	Rated Lift Height	Hs(mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	6
	7	Free Lift Height	Hs(mm)	152	152	152	152	152	152	152	152	152	152	152	152	7
	8	Fork Size (LxWxT)	mm	1220x150x40		1220x150x45		1220x150x40		1220x150x45		1220x150x40		1220x150x45		8
	9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9
	10	Fork Overhang (Wheel Center to Fork Face)	Xs(mm)	585	585	585	585	585	585	585	585	585	585	585	585	10
	11	Rear Overhang	Xs(mm)	640	640	720	640	640	720	640	640	720	640	640	720	11
	12	Ground Clearance (Bottom of Mast)	Hs(mm)	200	200	200	200	200	200	200	200	200	200	200	200	12
Performance	13	Length to Face of Fork (Without Fork)	Ls(mm)	3510	3510	3590	3510	3510	3590	3510	3510	3590	3510	3510	3590	13
	14	Overall Width	Bs(mm)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	14
	15	Mast Lowered Height	Hs(mm)	2515	2515	2615	2515	2515	2615	2515	2515	2615	2515	2515	2615	15
	16	Mast Extended Height (With Backrest)	Hs(mm)	4437	4437	4437	4437	4437	4437	4437	4437	4437	4437	4437	4437	16
	17	Overhead Guard Height	Hs(mm)	2415	2415	2415	2415	2415	2415	2415	2415	2415	2415	2415	2415	17
	18	Turning Radius (Outside)	Ws(mm)	3280	3280	3360	3280	3280	3360	3280	3280	3360	3280	3280	3360	18
	19	Min.Aisle width for pallets	As1(mm)	5285	5285	5365	5285	5285	5365	5285	5285	5365	5285	5285	5365	19
	20	Travel Speed (No Load)	km/h	20	20	20	20	20	20	20	20	20	20	20	20	20
	21	Lifting Speed (Full Load)	mm/sec	400	400	330	500	500	440	400	400	330	400	400	330	21
	22	Lowering Speed (Full Load)	mm/sec	500	500	500	500	500	500	500	500	500	500	500	500	22
Chassis	23	Max.Drawbar Pull (Full Load)	KN	53	53	52	54	54	53	53	53	53	53	53	53	23
	24	Max.Gradeability (Full Load)	%	32	27	24	35	32	29	32	27	24	32	27	24	24
	25	Tyre (Front x 4)	mm	8.25-15-14PR												25
	26	Tyre (Rear x 2)	mm	8.25-15-14PR												26
	27	Front Tread	mm	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	27
	28	Rear Tread	mm	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	28
	29	Wheelbase	Ys(mm)	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	29
	30	Total Weight	kg	7980	8640	9350	7980	8640	9350	7980	8640	9350	7980	8640	9350	30
	31	Front Axle Weight Distribution (Full Load)	kg	11660	13050	14570	11660	13050	14570	11660	13050	14570	11660	13050	14570	31
	32	Rear Axle Weight Distribution (Full Load)	kg	1320	1590	1780	1320	1590	1780	1320	1590	1780	1320	1590	1780	32
Weight	33	Front Axle Weight Distribution (No Load)	kg	4010	3880	3860	4010	3880	3860	4010	3880	3860	4010	3880	3860	33
	34	Rear Axle Weight Distribution (No Load)	kg	3970	4740	5490	3970	4740	5490	3970	4740	5490	3970	4740	5490	34
	35	Battery	V/Ah	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	35
	36	Engine Model	6102BGS			A-6BG10C			QSB4.5 (Euilt & EPAIII)			TC03.6			36	
	37	Engine Manufacturer	CHAOCHAI			ISUZU			CUMMINS			DEUTZ			37	
	38	Rated Output / r.p.m.	kw	80.9/2500			82/2000			82/2200			74.4/2300			38
	39	Rated Torque / r.p.m.	N.m	353/1450			416/1400-1600			489/1500			330/1400			39
	40	No. of Cylinder		6	6	6	6	6	6	4	4	4	4	4	4	40
	41	Bore x Stroke	mm	102x118	102x118	102x118	105x125	105x125	105x125	107x124	107x124	107x124	98x120	98x120	98x120	41
	Power & Transmission	42	Displacement	L	5.785	5.785	5.785	6.494	6.494	6.494	6.5	6.5	6.5	3.6	3.6	3.6
43		Fuel Tank Capacity	L	120	120	120	120	120	120	120	120	120	120	120	120	43
44		Transmission Type	PowerShift													44
45		Transmission Stage (FWD/RVS)		2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	45
46	Operating Pressure (For Attachments)	Mpa	17	17	17	17	17	17	17	17	17	17	17	17	17	46

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

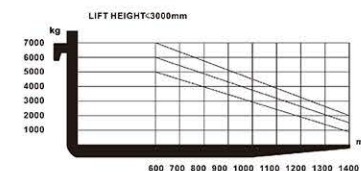
UN Forklift retains the right to interpret.



s=200mm Safety clearance
A/B=1000/1000



Load chart





Diesel Forklift Truck

capacity 8,000 to 10,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)	Overall Height (mm)		Free Lift (mm)	Tilt Angle (F/R)	Total Weight (kg)
				Lowered	Extended			
			FD80T	8.0t		8.0t		FD80T
Wide View Mast	M300	3000	8000	2695	4130	120	6-12	11850
	M350	3500	8000	2945	4630	120	6-12	11945
	M400	4000	8000	3245	5180	120	6-12	12190
	M450	4500	8000	3495	5680	120	6-12	12280
	M500	5000	7750	3745	6180	120	6-6	12375
	M550	5500	7400	4045	6730	120	3-6	12620
	M600	6000	7000	4295	7230	120	3-6	12715

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)		Free Lift (mm)	Tilt Angle (F/R)	Total Weight (kg)	
					Lowered	Extended				
			FD90T	FD100T	9.0t/10.0t				9.0t/10.0t	
Wide View Mast	M250	2500	9050	10000	2595	3785	140	6-12	12105	12805
	M300	3000	9050	10000	2845	4285	140	6-12	12200	12900
	M330	3300	9050	10000	2995	4585	140	6-12	12255	12955
	M350	3500	9050	10000	3095	4785	140	6-12	12295	12995
	M400	4000	9050	10000	3395	5320	140	6-12	12540	13240
	M450	4500	8050	10000	3645	5820	140	6-6	12630	13330
	M470	4700	8050	10000	3770	6070	140	6-6	12680	13380
	M500	5000	8050	10000	3895	6320	140	6-6	12725	13425
	M550	5500	8030	9000	4195	6870	140	3-6	12970	13670
	M600	6000	8015	8000	4445	7370	140	3-6	13065	13765
3-Stage Full Free Wide View Mast	TFM400	4000	7800	8000	2695	5335	1325	6-12	12845	13545
	TFM430	4300	7800	8000	2815	5695	1445	6-12	12910	13610
	TFM450	4500	7800	7800	2865	5845	1495	6-12	12950	13650
	TFM470	4700	7200	7500	2965	6145	1595	6-6	13010	13710
	TFM500	5000	7200	7500	3030	6340	1660	6-6	13035	13735
	TFM550	5500	6800	7000	3220	6740	1850	3-6	13160	13860
	TFM600	6000	6000	6000	3420	7360	2050	3-6	13415	14115

With integrated side shifter, load capacity subtract 200Kg.

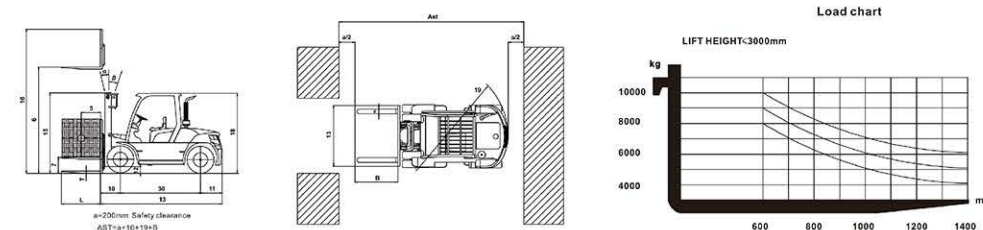
Double front wheels are standard.

MAIN SPECIFICATIONS

	1	Manufacturer												1	
				FD80T-H	FD90T-H	FD100T-H	FD80T-JF	FD90T-JF	FD100T-JF	FD80T-JI	FD90T-JI	FD100T-JI	FD90T-JI		FD100T-JI
General	2	Model		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	2
	3	Power Type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3
	4	Rated Load Capacity	Q(kg)	8000	9000	10000	8000	9000	10000	8000	9000	10000	9000	10000	4
	5	Load Centre	C(mm)	600	600	600	600	600	600	600	600	600	600	600	5
	6	Rated Lift Height	H ₁ (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	6
	7	Free Lift Height	H ₀ (mm)	120	120	120	120	120	120	120	120	120	120	120	7
	8	Fork Size (LxWxT)	mm	1220x175x75	1220x175x80	1220x175x80	1220x175x75	1220x175x80	1220x175x80	1220x175x75	1220x175x80	1220x175x80	1220x175x80	1220x175x80	8
	9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9
Characteristic & Dimension	10	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	721	721	721	721	721	721	721	721	721	721	721	10
	11	Rear Overhang	X ₂ (mm)	760	760	760	760	760	760	760	760	760	760	760	11
	12	Ground Clearance (Bottom of Mast)	H ₀ (mm)	250	250	250	250	250	250	250	250	250	250	250	12
	13	Length to Face of Fork (Without Fork)	L ₁ (mm)	4040	4270	4270	4040	4270	4270	4040	4270	4270	4270	4270	13
	14	Overall Width	B ₁ (mm)	2145	2145	2145	2145	2145	2145	2145	2145	2145	2145	2145	14
	15	Mast Lowered Height	H ₁ (mm)	2695	2845	2845	2695	2845	2845	2695	2845	2845	2845	2845	15
	16	Mast Extended Height (With Backrest)	H ₂ (mm)	4020	4240	4240	4020	4240	4240	4020	4240	4240	4240	4240	16
	17	Side Shift	X ₁ (mm)	340-2000	440-2140	440-2140	340-2000	440-2140	440-2140	340-2000	440-2140	440-2140	440-2140	440-2140	17
	18	Overhead Guard Height	H ₃ (mm)	2520	2540	2540	2520	2540	2540	2520	2540	2540	2540	2540	18
	19	Turning Radius (Outside)	W ₁ (mm)	3700	3900	3900	3700	3900	3900	3700	3900	3900	3900	3900	19
Performance	20	Min.Aisle width for pallets	A ₁ (mm)	5845	6045	6045	5845	6045	6045	5845	6045	6045	6045	6045	20
	21	Travel Speed (No Load)	km/h	20	20	20	20	20	20	20	20	20	20	20	21
	22	Lifting Speed (Full Load)	mm/sec	380	310	310	380	310	310	380	310	310	310	310	22
	23	Lowering Speed (Full Load)	mm/sec	480	500	500	480	500	500	480	500	500	500	500	23
	24	Max.Drawbar Pull (Full Load)	KN	58	57	57	58	57	57	58	57	57	57	57	24
	25	Max.Gradeability (Full Load)	%	≤20	≤20	≤20	≤20	≤20	≤20	≤20	≤20	≤20	≤20	≤20	25
Chassis	26	Tyre (Front x 4)		8.25-20-14PR	9.00-20-14PR	9.00-20-14PR	8.25-20-14PR	9.00-20-14PR	9.00-20-14PR	8.25-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	26
	27	Tyre (Rear x 2)		8.25-20-14PR	9.00-20-14PR	9.00-20-14PR	8.25-20-14PR	9.00-20-14PR	9.00-20-14PR	8.25-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	27
	28	Front Tread	B ₂ (mm)	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	28
	29	Rear Tread	B ₃ (mm)	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	29
Weight	30	Wheelbase	Y ₁ (mm)	2500	2800	2800	2500	2800	2800	2500	2800	2800	2800	2800	30
	31	Total Weight	kg	11850	12200	12900	11850	12200	12900	11850	12200	12900	12200	12900	31
	32	Front Axle Weight Distribution (Full Load)	kg	17800	19980	20610	17800	19980	20610	17800	19980	20610	19980	20610	32
	33	Rear Axle Weight Distribution (Full Load)	kg	2050	2220	2290	2050	2220	2290	2050	2220	2290	2220	2290	33
	34	Front Axle Weight Distribution (No Load)	kg	4740	5380	5660	4740	5380	5660	4740	5380	5660	5380	5660	34
	35	Rear Axle Weight Distribution (No Load)	kg	7110	6820	8240	7110	6820	8240	7110	6820	8240	6820	8240	35
Power & Transmission	36	Battery	V/Ah	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	24/90	36
	37	Engine Model		6102B06			A-68010C			OSB4.5 (EUIII & EPAIII)			TC03.6L4		37
	38	Engine Manufacturer		CHAOCHAI			ISUZU			CUMMINS			DEUTZ		38
	39	Rated Output / r.p.m.	kw	80.9/2500			82/2000			82/2000			90/2300		39
	40	Rated Torque / r.p.m.	N·m	253/1450			416/1600-1600			489/1500			500/1600		40
	41	No. of Cylinder		6	6	6	6	6	6	4	4	4	4	4	41
	42	Bore x Stroke	mm	102x118	102x118	102x118	105x125	105x125	105x125	107x124	107x124	107x124	98x120	98x120	42
	43	Displacement	L	5.785	5.785	5.785	6.494	6.494	6.494	4.5	4.5	4.5	3.6	3.6	43
	44	Fuel Tank Capacity	L	120	120	120	140	140	140	140	140	140	140	140	44
	45	Transmission Type								Powershift					45
	46	Transmission Stage (FWD/RVS)		2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	46
	47	Operating Pressure (For Attachments)	Mpa	17	17	17	17	17	17	17	17	17	17	17	47

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.





LPG/ Gasoline Forklift Truck

capacity 1,500 to 1,800kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)	
					Lowered	Extended		Without Backrest	With Backrest				
			1.5t	1.8t		1.5/1.8t	1.5/1.8t					1.5/1.8t	
Wide View Mast	M270	2700	1500	1800	1875	3275	3755	100	100	6-12	6-12	2575	2875
	M300	3000	1500	1800	2025	3575	4055	100	100	6-12	6-12	2590	2890
	M330	3300	1500	1800	2175	3875	4355	100	100	6-12	6-12	2605	2905
	M350	3500	1500	1800	2275	4075	4555	100	100	6-12	6-12	2615	2915
	M370	3700	1500	1800	2375	4275	4755	100	100	6-6	6-6	2625	2925
	M400	4000	1500	1750	2575	4575	5055	100	100	6-6	*6-12	2655	2955
	M430	4300	1300	1650	2725	4875	5355	100	100	6-6	*6-12	2670	2970
	M450	4500	1250	1550	2825	5075	5555	100	100	6-6	*6-12	2685	2985
	M470	4700	1100	1400	2925	5275	5755	100	100	6-6	*6-12	2695	2995
	M500	5000	950	1050	3125	5575	6055	100	100	6-6	*6-6	2725	3025
M550	5500	800	900	3375	6075	6555	100	100	3-6	*3-6	2750	3050	
M600	6000	600	700	3625	6575	7055	100	100	3-6	*3-6	2775	3075	
2-Stage Full Free Wide View Mast	FM270	2700	1500	1800	1875	3220	3700	1300	830	6-12	*6-12	2650	2950
	FM300	3000	1500	1800	2025	3570	4050	1460	980	6-12	*6-12	2665	2965
	FM330	3300	1500	1800	2175	3920	4400	1610	1130	6-12	*6-12	2680	2980
	FM350	3500	1500	1800	2275	4070	4550	1710	1230	6-12	*6-12	2670	2990
3-Stage Full Free Wide View Mast	FM370	3700	1500	1800	2375	4220	4700	1800	1330	6-6	*6-12	2700	3000
	FM400	4000	1500	1800	2425	4570	5050	2000	1580	6-6	*6-12	2730	3030
	TFM400	4000	1500	1800	1925	4570	5035	1300	900	6-6	*6-6	2755	3055
	TFM430	4300	1250	1550	2025	4870	5335	1400	1000	6-6	*6-6	2775	3075
	TFM450	4500	1200	1500	2075	5070	5535	1500	1050	6-6	*6-6	2790	3090
	TFM470	4700	1180	1400	2125	5270	5735	1565	1100	6-6	*6-6	2805	3105
	TFM500	5000	900	1200	2225	5570	6035	1665	1200	6-6	*6-6	2830	3130
	TFM550	5500	800	1000	2425	6070	6535	1800	1400	3-6	*3-6	2870	3170
	TFM600	6000	600	700	2625	6570	7035	2000	1600	3-6	*3-6	2920	3220

With Separated Side shifter, load capacity subtract 150Kg. With Integrated side shifter, load capacity subtract 50Kg.

MAIN SPECIFICATIONS

General	1	Manufacturer								1	
	2	Model		FL15T-JB (FL15-JB)	F015T-JB (F015-JB)	FGL15T-JB (FGL15-JB)	FL18T-JB (FL18-JB)	F018T-JB (F018-JB)	FGL18T-JB (FGL18-JB)	2	
	3	Power Type		Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	3	
Characteristic & Dimension	4	Rated Load Capacity	Q(kg)	1500	1500	1500	1800	1800	1800	4	
	5	Load Centre	Cl(mm)	500	500	500	500	500	500	5	
	6	Rated Lift Height	Hl(mm)	3000	3000	3000	3000	3000	3000	6	
	7	Free Lift Height	Hl(mm)	100	100	100	100	100	100	7	
	8	Fork Size (LxWxT)	mm	92x120x35	92x120x35	92x120x35	1070x120x40	1070x120x40	1070x120x40	8	
	9	Mast Tilt Angle (F/R, °/8°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9	
	10	Fork Overhang (Wheel Center to Fork Face)	Xl(mm)	409	409	409	409	409	409	10	
	11	Rear Overhang	Xl(mm)	450	450	450	490	490	490	11	
	12	Ground Clearance (Bottom of Mast)	Hl(mm)	110	110	110	110	110	110	12	
	13	Length to Face of Fork (Without Fork)	Ll(mm)	2250	2250	2250	2290	2290	2290	13	
	14	Overall Width	Bl(mm)	1090	1090	1090	1090	1090	1090	14	
	15	Mast Lowered Height	Hl(mm)	2025	2025	2025	2025	2025	2025	15	
	16	Mast Extended Height (With Backrest)	Hl(mm)	4055	4055	4055	4055	4055	4055	16	
	17	Overhead Guard Height	Hl(mm)	2178	2178	2178	2178	2178	2178	17	
	18	Turning Radius (Outside)	Wal(mm)	2030	2030	2030	2060	2060	2060	18	
	Performance	19	Min.Aisle width for pallets	Asl(mm)	3560	3560	3560	3740	3740	3740	19
		20	Travel Speed (No Load)	km/h	14.5	14.5	14.5	14.5	14.5	14.5	20
		21	Lifting Speed (Full Load)	mm/sec	560	560	560	560	560	560	21
22		Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	22	
23		Max.Drawbar Pull (Full Load/No Load)	KN	17(14.5)	17(14.5)	17(14.5)	20.5(17.5)	20.5(17.5)	20.5(17.5)	23	
24		Max.Gradeability (Full Load)	%	20	20	20	20	20	20	24	
Chassis	25	Tyre (Front x 2)	mm	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	25	
	26	Tyre (Rear x 2)	mm	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	26	
	27	Front Tread	Bt(mm)	890	890	890	890	890	890	27	
	28	Rear Tread	Bt(mm)	920	920	920	920	920	920	28	
Weight	29	Wheelbase	Yl(mm)	1410	1410	1410	1410	1410	1410	29	
	30	Total Weight	kg	2590	2590	2590	2890	2890	2890	30	
	31	Front Axle Weight Distribution (Full Load)	kg	3610	3610	3610	4055	4055	4055	31	
	32	Rear Axle Weight Distribution (Full Load)	kg	480	480	480	545	545	545	32	
	33	Front Axle Weight Distribution (No Load)	kg	1160	1160	1160	1170	1170	1170	33	
	34	Rear Axle Weight Distribution (No Load)	kg	1430	1430	1430	1630	1630	1630	34	
Power & Transmission	35	Battery	V/Ah	12/60	12/60	12/60	12/60	12/60	12/60	35	
	36	Engine Model		K21		K21		K21		36	
	37	Engine Manufacturer		NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	37	
	38	Rated Output / r.p.m.	kw	31.5/2300	31.5/2300	31.5/2300	31.5/2300	31.5/2300	31.5/2300	38	
	39	Rated Torque / r.p.m.	N·m	144/1600	144/1600	144/1600	144/1600	144/1600	144/1600	39	
	40	No. of Cylinder		4	4	4	4	4	4	40	
	41	Bore x Stroke	mm	89/83	89/83	89/83	89/83	89/83	89/83	41	
	42	Displacement	cc	2065	2065	2065	2065	2065	2065	42	
	43	Fuel Tank Capacity	L	45	45	45	45	45	45	43	
	44	Transmission Type		Powershift(Manual)							44
45	Transmission Stage (FWD/RVS)		1/12(2)	1/12(2)	1/12(2)	1/12(2)	1/12(2)	1/12(2)	45		
46	Operating Pressure (For Attachments)	Mpa	14.5	14.5	14.5	14.5	14.5	14.5	46		



LPG / Gasoline Forklift Truck

capacity 2,000 to 2,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)	
							Lowered	Extended		Without Backrest	With Backrest				
			FD20/ FD20T (Single)	FD20/ FD20T (Double)	FD25/ FD25T (Single)	FD25/ FD25T (Double)		2.0T/2.5t	2.0T/2.5t					2.0T/2.5t	
Wide View Mast	M270	2700	2000	2000	2500	2500	1905	3280	3770	100	100	6-12	6-12	3425	3725
	M300	3000	2000	2000	2500	2500	2055	3580	4070	100	100	6-12	6-12	3450	3750
	M330	3300	2000	2000	2500	2500	2205	3880	4370	100	100	6-12	6-12	3475	3775
	M350	3500	2000	2000	2500	2500	2305	4080	4570	100	100	6-12	6-12	3490	3790
	M370	3700	2000	2000	2500	2500	2405	4280	4770	100	100	6-6	6-6	3510	3810
	M400	4000	2000	2000	2450	2450	2405	4580	5070	100	100	6-6	*6-12	3530	3830
	M430	4300	1850	1850	2150	2150	2755	4880	5370	100	100	6-6	*6-12	3555	3855
	M450	4500	1800	*1900	2000	*2400	2855	5080	5570	100	100	6-6	*6-12	3570	3870
	M470	4700	1450	*1850	1750	*2050	2955	5280	5770	100	100	6-6	*6-12	3590	3890
	M500	5000	1300	*1700	1600	*2100	3155	5580	6070	100	100	6-6	*6-6	3620	3920
2-Stage Full Free Wide View Mast	M550	5500	1100	*1500	1350	*1700	3405	6080	6570	100	100	3-6	*3-6	3640	3940
	M600	6000	950	*1300	1050	*1500	3655	6580	7070	100	100	3-6	*3-6	3700	4000
	FM270	2700	2000	2000	2500	2500	1920	3255	3718	1300	857	6-12	6-12	3465	3765
	FM300	3000	2000	2000	2500	2500	2070	3605	4068	1470	1007	6-12	6-12	3490	3790
3-Stage Full Free Wide View Mast	FM330	3300	2000	2000	2500	2500	2220	3955	4418	1620	1157	6-12	6-12	3515	3815
	FM350	3500	2000	2000	2500	2500	2320	4105	4568	1720	1257	6-12	6-12	3530	3830
	FM370	3700	2000	2000	2500	2500	2420	4255	4718	1800	1357	6-6	6-6	3545	3845
	FM400	4000	2000	2000	2500	2500	2670	4405	5068	2000	1407	6-6	*6-12	3570	3870
	TFM400	4000	2000	*2000	2500	*2500	1945	4407	5070	1300	885	6-6	*6-6	3600	3900
	TFM430	4300	1850	*1900	2200	*2400	2045	4907	5370	1400	985	6-6	*6-6	3630	3930
	TFM450	4500	1700	*1800	2000	*2300	2095	5107	5570	1498	1035	6-6	*6-6	3650	3950
	TFM470	4700	1600	*1750	1900	*2200	2145	5307	5770	1548	1085	6-6	*6-6	3670	3970
	TFM500	5000	1600	*1600	1500	*2000	2245	5407	6070	1648	1185	6-6	*6-6	3700	4000
	TFM550	5500	1100	*1500	1200	*1800	2445	6107	6570	1800	1385	3-6	*3-6	3750	4050
TFM600	6000	800	*1400	850	*1600	2645	6407	7070	7570	2000	1585	3-6	*3-6	3800	4100
	TFM650	6500	500	*1100	550	*1200	2895	7107	7570	2200	1835	3-6	*3-6	3850	4150
	TFM700	7000	100	*700	150	*800	3095	7607	8070	2300	2035	3-6	*3-6	3900	4200

With Separated Side Shifter, load capacity subtract 200kg. With Integrated side shifter, load capacity subtract 50kg.

* (Asterisk) is for double front wheels model.

MAIN SPECIFICATIONS

General	1	Manufacturer											1
	2	Model	F020T-JA (F020-JA)	F025T-JA (F025-JA)	FL20T-JA (FL20-JA)	FL25T-JA (FL25-JA)	FGL20T-JA (FGL20-JA)	FGL25T-JA (FGL25-JA)	FL20T-JG	FL25T-JG	2		
	3	Power Type	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	LPG	LPG	3		
Characteristic & Dimension	4	Rated Load Capacity	Q(kg)	2000	2500	2000	2500	2000	2500	2000	2500	4	
	5	Load Centre	C(mm)	500	500	500	500	500	500	500	500	5	
	6	Rated Lift Height	H ₁ (mm)	3000	3000	3000	3000	3000	3000	3000	3000	6	
	7	Free Lift Height	H ₂ (mm)	100	100	100	100	100	100	100	100	7	
	8	Fork Size (L×W×T)	mm	1070x125x40	1070x125x40	1070x125x40	1070x125x40	1070x125x40	1070x125x40	1070x125x40	1070x125x40	8	
	9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9	
	10	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	479	479	479	479	479	479	479	479	10	
	11	Rear Overhang	X ₂ (mm)	520	520	520	520	520	520	520	520	11	
	12	Ground Clearance (Bottom of Mast)	H ₁ (mm)	130	130	130	130	130	130	130	130	12	
	13	Length to Face of Fork (Without Fork)	L ₁ (mm)	2643	2643	2643	2643	2643	2643	2643	2643	13	
Performance	14	Overall Width	B ₁ (mm)	1150	1150	1150	1150	1150	1150	1150	1150	14	
	15	Mast Lowered Height	H ₁ (mm)	2055	2055	2055	2055	2055	2055	2055	2055	15	
	16	Mast Extended Height (With Backrest)	H ₁ (mm)	4070	4070	4070	4070	4070	4070	4070	4070	16	
	17	Overhead Guard Height	H ₁ (mm)	2215	2215	2215	2215	2215	2215	2215	2215	17	
	18	Turning Radius (Outside)	W ₁ (mm)	2365	2365	2365	2365	2365	2365	2365	2365	18	
	19	Min.Aisle width for pallets	A ₁ (mm)	4120	4120	4120	4120	4120	4120	4120	4120	19	
	20	Travel Speed (No Load)	km/h	21	21	21	21	21	21	21	21	20	
	21	Lifting Speed (Full Load)	mm/sec	490	490	490	490	490	490	490	490	21	
	22	Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	450	450	22	
	23	Max.Drawbar Pull (Full Load/No Load)	KN	22(18)	22(18)	22(18)	22(18)	22(18)	22(18)	22(18)	22(18)	23	
Chassis	24	Max.Gradeability (Full Load)	%	20	20	20	20	20	20	20	20	24	
	25	Tyre (Front x 2)	mm	7.00-12-12PR								25	
	26	Tyre (Rear x 2)	mm	6.00-9-10PR								26	
	27	Front Tread	B ₁ (mm)	970	970	970	970	970	970	970	970	27	
	28	Rear Tread	B ₁ (mm)	980	980	980	980	980	980	980	980	28	
	29	Wheelbase	Y ₁ (mm)	1650	1650	1650	1650	1650	1650	1650	1650	29	
	30	Total Weight	kg	3450	3950	3450	3950	3450	3950	3450	3950	30	
	31	Front Axle Weight Distribution (Full Load)	kg	4856	5372	4856	5372	4856	5372	4856	5372	31	
	32	Rear Axle Weight Distribution (Full Load)	kg	594	748	594	748	594	748	594	748	32	
	33	Front Axle Weight Distribution (No Load)	kg	1507	1492	1507	1492	1507	1492	1507	1492	33	
Power & Transmission	34	Rear Axle Weight Distribution (No Load)	kg	1943	2128	1943	2128	1943	2128	1943	2128	34	
	35	Battery	V/Ah	12/60	12/60	12/60	12/60	12/60	12/60	12/60	12/60	35	
	36	Engine Model	K25	K25	K25	K25	K25	K25	K25	K25	K25	36	
	37	Engine Manufacturer		NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	37	
	38	Rated Output / r.p.m.	kw	44.2/2500	44.2/2500	44.2/2500	44.2/2500	44.2/2500	44.2/2500	44.2/2500	44.2/2500	38	
	39	Rated Torque / r.p.m.	N·m	186.2/1600	186.2/1600	186.2/1600	186.2/1600	186.2/1600	186.2/1600	186.2/1600	186.2/1600	39	
	40	No. of Cylinder		4	4	4	4	4	4	4	4	40	
	41	Bore x Stroke	mm	92x93	92x93	92x93	92x93	92x93	92x93	101.6x91.4	101.6x91.4	41	
	42	Displacement	cc	2472	2472	2472	2472	2472	2472	2966	2966	42	
	43	Fuel Tank Capacity	L	50	50	50	50	50	50	50	50	43	
	44	Transmission Type		Powershift(Manual)								44	
	45	Transmission Stage (FWD/RVS)		1/12/2	1/12/2	1/12/2	1/12/2	1/12/2	1/12/2	1/12/2	1/12/2	45	
	46	Operating Pressure (For Attachments)	Mpa	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	46	
	47												



LPG / Gasoline Forklift Truck

capacity 3,000 to 3,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (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	Without Backrest	With Backrest									
			FG30T/ FGL30T (Single)	FG30T/ FGL30T (Double)	FG35T/ FGL35T (Single)	FG35/ FGL35T (Double)	3.0T/3.5t	3.0T/3.5t		3.0T/3.5t					
Wide View Mast	M270	2700	3000	3000	3500	3500	1920	3295	3770	100	100	6-12	6-12	4316	4616
	M300	3000	3000	3000	3500	3500	2070	3595	4070	100	100	6-12	6-12	4340	4640
	M330	3300	3000	3000	3500	3500	2220	3895	4370	100	100	6-12	6-12	4365	4665
	M350	3500	3000	3000	3500	3500	2320	4095	4570	100	100	6-12	6-12	4380	4680
	M370	3700	3000	3000	3400	3400	2420	4295	4770	100	100	6-6	6-6	4395	4695
	M400	4000	2950	2950	3250	3250	2620	4595	5070	100	100	6-6	*6-12	4420	4720
	M430	4300	2800	2800	3100	3100	2770	4895	5370	100	100	6-6	*6-12	4445	4745
	M450	4500	2600	*2900	2900	*3000	2870	5095	5570	100	100	6-6	*6-12	4460	4760
	M470	4700	2500	2800	2800	2900	2970	5295	5770	100	100	6-6	*6-12	4475	4765
	M500	5000	2200	*2550	2400	*2800	3170	5595	6070	100	100	6-6	*6-6	4510	4810
	M550	5500	2000	*2400	2200	*2600	3420	6095	6570	100	100	3-6	*3-6	4560	4860
	M600	6000	1500	*2000	1600	*2400	3670	6595	7070	100	100	3-6	*3-6	4600	4900
2-Stage Full Free Wide View Mast	FM270	2700	3000	3000	3500	3500	1920	3240	3715	1232	757	6-12	6-12	4395	4695
	FM300	3000	3000	3000	3500	3500	2070	3590	4065	1382	907	6-12	6-12	4420	4720
	FM330	3300	3000	3000	3500	3500	2220	3940	4415	1532	1057	6-12	6-12	4445	4745
	FM350	3500	3000	3000	3500	3500	2320	4090	4565	1632	1157	6-12	6-12	4460	4760
	FM370	3700	3000	3000	3500	3500	2420	4240	4715	1732	1257	6-6	6-6	4475	4775
	FM400	4000	3000	3000	3250	*3500	2670	4590	5065	1982	1507	6-6	*6-12	4500	4800
3-Stage Full Free Wide View Mast	TFM400	4000	3000	*3000	3000	*3500	1960	4700	5175	1272	797	6-6	*6-6	4550	4850
	TFM430	4300	2800	*2900	3000	*3350	2060	5000	5475	1372	897	6-6	*6-6	4580	4880
	TFM450	4500	2600	*2800	2800	*3200	2110	5200	5675	1422	947	6-6	*6-6	4600	4900
	TFM470	4700	2400	*2700	2500	*3000	2160	5400	5875	1472	997	6-6	*6-6	4620	4920
	TFM500	5000	2100	*2400	2300	*2800	2260	5700	6175	1572	1097	6-6	*6-6	4630	4930
	TFM550	5500	1650	*2250	1800	*2550	2460	6200	6675	1772	1297	3-6	*3-6	4680	4980
	TFM600	6000	1200	*2100	1300	*2300	2660	6700	7175	1972	1497	3-6	*3-6	4750	5050
	TFM650	6500	950	*1700	1050	*1800	2910	7200	7675	2200	1747	3-6	*3-6	4800	5100
	TFM700	7000	650	*1400	750	*1500	3110	7700	8175	2300	1947	3-6	*3-6	4850	5150

With Separated Side Shifter, load capacity subtract 200kg. With Integrated side shifter, load capacity subtract 50kg.

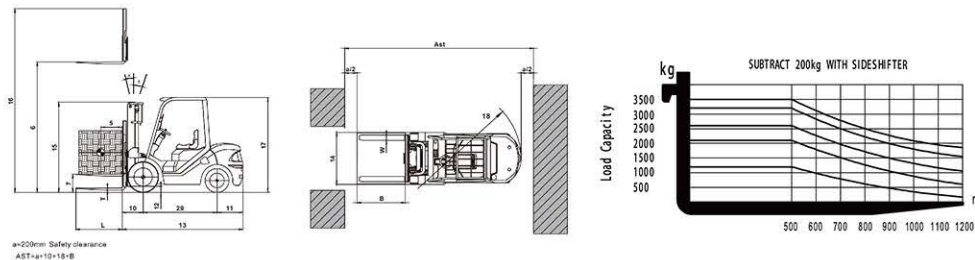
* (Asterisk) is for double front wheels model.

MAIN SPECIFICATIONS

General	1	Manufacturer									1	
	2	Model	FG30T-JA (FG30-JA)	FG35T-JA (FG35-JA)	FL30T-JA (FL30-JA)	FL35T-JA (FL35-JA)	FGL30T-JA (FGL30-JA)	FGL35T-JA (FGL35-JA)	FL30T-JG	FL35T-JG	2	
	3	Power Type	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	LPG	LPG	3	
Characteristic & Dimension	4	Rated Load Capacity	Q(kg)	3000	3500	3000	3500	3000	3500	3000	3500	4
	5	Load Centre	Cl(mm)	500	500	500	500	500	500	500	500	5
	6	Rated Lift Height	H3(mm)	3000	3000	3000	3000	3000	3000	3000	3000	6
	7	Free Lift Height	H2(mm)	100	100	100	100	100	100	100	100	7
	8	Fork Size (LxWxT)	mm	1070x125x45	1070x125x50	1070x125x45	1070x125x50	1070x125x45	1070x125x50	1070x125x45	1070x125x50	8
	9	Mast Tilt Angle (F/R, °/B°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9
	10	Fork Overhang (Wheel Center to Fork Face)	X1(mm)	484	484	484	484	484	484	484	484	10
	11	Rear Overhang	X2(mm)	595	635	595	635	595	635	595	635	11
	12	Ground Clearance (Bottom of Mast)	Hr(mm)	145	145	145	145	145	145	145	145	12
	13	Length to Face of Fork (Without Fork)	L1(mm)	2773	2813	2773	2813	2773	2813	2773	2813	13
	14	Overall Width	B1(mm)	1225	1225	1225	1225	1225	1225	1225	1225	14
	15	Mast Lowered Height	H1(mm)	2070	2070	2070	2070	2070	2070	2070	2070	15
	16	Mast Extended Height (With Backrest)	H4(mm)	4070	4070	4070	4070	4070	4070	4070	4070	16
	17	Overhead Guard Height	H5(mm)	2235	2235	2235	2235	2235	2235	2235	2235	17
	18	Turning Radius (Outside)	Wal(mm)	2450	2480	2450	2480	2450	2480	2450	2480	18
	19	*Min.Right Angle Stacking Aisle Width (Add Load Length and Clearance)*	Ast(mm)	4205	4235	4205	4235	4205	4235	4205	4235	19
	Performance	20	Travel Speed (No Load)	km/h	19	19	19	19	19	19	19	19
21		Lifting Speed (Full Load)	mm/sec	390	390	390	390	390	390	390	390	21
22		Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	450	450	22
23		Max.Drawbar Pull (Full Load/No Load)	KN	22(18)	22(18)	22(18)	22(18)	22(18)	22(18)	22(18)	22(18)	23
24		Max.Gradeability (Full Load)	%	20	20	20	20	20	20	20	20	24
Chassis	25	Tyre (Front x 2)	mm	28x9-15-12PR								25
	26	Tyre (Rear x 2)	mm	6.50-10-10PR								26
	27	Front Tread	B2(mm)	1000	1000	1000	1000	1000	1000	1000	1000	27
	28	Rear Tread	B3(mm)	980	980	980	980	980	980	980	980	28
Weight	29	Wheelbase	Y(mm)	1700	1700	1700	1700	1700	1700	1700	1700	29
	30	Total Weight	kg	4340	4840	4340	4840	4340	4840	4340	4840	30
	31	Front Axle Weight Distribution (Full Load)	kg	6490	7320	6490	7320	6490	7320	6490	7320	31
	32	Rear Axle Weight Distribution (Full Load)	kg	820	930	820	930	820	930	820	930	32
	33	Front Axle Weight Distribution (No Load)	kg	1764	2040	1764	2040	1764	2040	1764	2040	33
	34	Rear Axle Weight Distribution (No Load)	kg	2546	2710	2546	2710	2546	2710	2546	2710	34
Power & Transmission	35	Battery	V/Ah	12/60	12/60	12/60	12/60	12/60	12/60	12/60	12/60	35
	36	Engine Model		K25	K25	K25	K25	K25	K25	GM3.0	GM3.0	36
	37	Engine Manufacturer		NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	GM	GM	37
	38	Rated Output / r.p.m.	kw	44.2/2500	44.2/2500	44.2/2500	44.2/2500	44.2/2500	44.2/2500	54/2200	54/2200	38
	39	Rated Torque / r.p.m.	N-m	186.2/1600	186.2/1600	186.2/1600	186.2/1600	186.2/1600	186.2/1600	255/1800	255/1800	39
	40	No. of Cylinder		4	4	4	4	4	4	4	4	40
	41	Bore x Stroke	mm	92x93	92x93	92x93	92x93	92x93	92x93	101.6x91.4	101.6x91.4	41
	42	Displacement	cc	2472	2472	2472	2472	2472	2472	2966	2966	42
	43	Fuel Tank Capacity	L	50	50	50	50	50	50	50	50	43
	44	Transmission Type		Powershift(Manual)								44
	45	Transmission Stage (FWD/RVS)		1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	45
	46	Operating Pressure (For Attachments)	Mpa	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	46

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.





LPG / Gasoline Forklift Truck

capacity 4,000 to 5,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

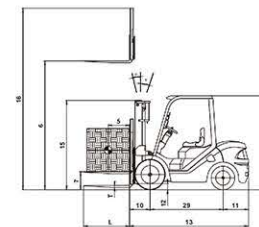
Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)						Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)			
									Lowered	Extended		Without Backrest	With Backrest					Without Backrest
			FL40T (Single)	FL40T (Double)	FL45T (Single)	FL45T (Double)	FL50T (Single)	FL50T (Double)		4.0t/4.5t/5.0t					4.0t/4.5t/5.0t			
																	FL40T	
Wide View Mast	RM300	3000	4000	4200	4500	4750	5000	5300	2260	3735	4266	84	84	6-12	6600	6800	7100	
	RM330	3300	4000	4200	4500	4750	5000	5300	2410	4035	4566	84	84	6-12	6680	6880	7180	
	RM350	3500	4000	4200	4500	4750	5000	5300	2510	4235	4766	84	84	6-12	6750	6930	7230	
	RM370	3700	4000	4200	4500	4750	4850	5150	2610	4435	4966	84	84	6-12	6800	6980	7280	
	RM400	4000	4000	4200	4500	4750	4650	4850	2810	4735	5266	84	84	6-6	7000	7200	7500	
	RM430	4300	3800	4000	4200	4450	4300	4600	2960	5035	5566	84	84	6-6	7100	7350	7650	
	RM450	4500	3600	3800	4000	4250	4200	4500	3060	5235	5766	84	84	6-6	7200	7420	7720	
	RM470	4700	3300	3500	3700	3950	3800	4100	3160	5435	5966	84	84	6-6	7250	7450	7750	
	RM500	5000	3000	3200	3500	3750	3650	3900	3310	5735	6266	84	84	6-6	7300	7500	7800	
	RM550	5500	2300	2500	2700	2950	2800	3100	3560	6235	6766	84	84	3-6	7550	7750	8000	
RM600	6000	2000	2200	2400	2650	2500	2800	3860	6735	7266	84	84	3-6	7700	7900	8200		
3-Stage Full Free Wide View Mast	TFM400	4000	3800	4000	4300	4550	4600	4900	2205	4659	5190	1379	1100	6-6	7450	7650	7950	
	TFM430	4300	3600	3800	4000	4050	4100	4400	2320	5004	5535	1494	1125	6-6	7650	7850	8150	
	TFM450	4500	3300	3500	3700	3950	4000	4300	2370	5154	5685	1544	1175	6-6	7750	7950	8250	
	TFM470	4700	3000	3200	3300	3500	3600	3900	2435	5349	5880	1609	1240	6-6	7800	8000	8300	
	TFM500	5000	2800	3000	3100	3350	3400	3700	2535	5649	6180	1709	1340	6-6	7860	8060	8360	
	TFM550	5500	2300	2500	2600	2850	2900	3200	2700	6144	6675	1874	1430	3-6	7960	8160	8460	
	TFM600	6000	1800	2000	2000	2250	2300	2600	2970	6654	7185	2044	1775	3-6	8060	8260	8560	

With Separated Side Shifter, load capacity subtract 200Kg. With Integrated side shifter, load capacity subtract 100Kg.

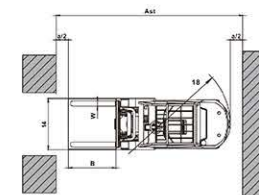
MAIN SPECIFICATIONS

General	1	Manufacturer	UN			1
	2	Model	FGL40T-JF	FGL45T-JF	FGL50T-JF	2
	3	Power Type	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	3
Characteristic & Dimension	4	Rated Load Capacity	Q(kg)	4000	4500	4
	5	Load Centre	C(mm)	500	500	5
	6	Rated Lift Height	H1(mm)	3000	3000	6
	7	Free Lift Height	H2(mm)	84	84	7
	8	Fork Size (LxWxT)	mm	1070x150x50	1070x150x50	8
	9	Mast Tilt Angle (F/R, °/8°)	deg	6°/12°	6°/12°	9
	10	Fork Overhang (Wheel Center to Fork Face)	X1(mm)	578	578	10
	11	Rear Overhang	X2(mm)	550	570	11
	12	Ground Clearance (Bottom of Mast)	H3(mm)	175	175	12
	13	Length to Face of Fork (Without Fork)	L1(mm)	3091	3091	13
Performance	14	Overall Width	B1(mm)	1485	1485	14
	15	Mast Lowered Height	H4(mm)	2260	2260	15
	16	Mast Extended Height (With Backrest)	H4(mm)	4266	4266	16
	17	Overhead Guard Height	H5(mm)	2240	2240	17
	18	Turning Radius (Outside)	W1(mm)	2790	2790	18
	19	Min Aisle width for pallets	A1(mm)	4640	4640	19
	20	Travel Speed (No Load)	km/h	22/20	22/20	20
	21	Lifting Speed (Full Load)	mm/sec	450	450	21
Chassis	22	Lowering Speed (Full Load)	mm/sec	480	480	22
	23	Max. Drawbar Pull (Full Load)	KN	>21	>21	23
	24	Max. Gradeability (Full Load)	%	>20%	>20%	24
	25	Tyre (Front x 2)	mm	300-15-18PR	300-15-18PR	25
Weight	26	Tyre (Rear x 2)	mm	7.00-12-12PR	7.00-12-12PR	26
	27	Front Tread	B2(mm)	1180	1180	27
	28	Rear Tread	B3(mm)	1190	1190	28
	29	Wheelbase	Y1(mm)	2000	2000	29
Power & Transmission	30	Total Weight	kg	6600	6800	30
	31	Front Axle Weight Distribution (Full Load)	kg	9010	9750	31
	32	Rear Axle Weight Distribution (Full Load)	kg	1590	1550	32
	33	Front Axle Weight Distribution (No Load)	kg	2750	2710	33
	34	Rear Axle Weight Distribution (No Load)	kg	3850	4090	34
	35	Battery	V/Ah	24/80	24/80	35
	36	Engine Model		GM4.3	GM4.3	36
	37	Engine Manufacturer		GM	GM	37
	38	Rated Output / r.p.m.	kw	63/2000	63/2000	38
	39	Rated Torque / r.p.m.	N·m	298/1200	298/1200	39
	40	No. of Cylinder		6	6	40
	41	Bore x Stroke	mm	101.6x88.4	101.6x88.4	41
	42	Displacement	L	4.294	4.294	42
	43	Fuel Tank Capacity	L	90	90	43
	44	Transmission Type		Hydra	Hydra	44
	45	Transmission Stage (FWD/RVS)		2/1	2/1	45
	46	Operating Pressure (For Attachments)	Mpa	17	17	46

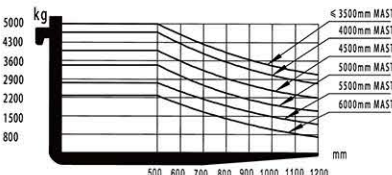
Specifications and characteristics are subject to change without notice. Please contact us for detailed information.
UN Forklift retains the right to interpret.



a=200mm Safety clearance
AST1=10+10+8



Load chart





Cushion Tyre Forklift Truck capacity 2,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)	Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)
				Lowered	Extended		Without Backrest	With Backrest		
					2.5t	2.5t				2.5t
Wide View Mast	M200	2000	2000	1545	2545	3160	100	100	6-10	4258
	M250	2500	2500	1795	2745	3360	100	100	6-10	4308
	M270	2700	2700	1895	3245	3860	100	100	6-10	4328
	M290	2900	2900	1995	3445	4060	100	100	6-10	4348
	M300	3000	3000	2045	3545	4160	100	100	6-10	4358
	M310	3100	3100	2095	3645	4260	100	100	6-10	4368
	M330	3300	3300	2195	3845	4460	100	100	6-10	4388
	M350	3500	3500	2295	4045	4660	100	100	6-10	4408
	M370	3700	3700	2395	4245	4860	100	100	6-6	4428
	M400	4000	4000	2595	4545	5160	100	100	6-6	4468
	M430	4300	4300	2745	4785	5380	100	100	6-6	4498
	M450	4500	4500	2845	5045	5660	100	100	6-6	4518
M470	4700	4700	2945	5245	5860	100	100	6-6	4538	
M500	5000	5000	3145	5545	6160	100	100	6-6	4578	
M550	5500	5500	3395	6045	6660	100	100	3-6	4628	
M600	6000	6000	3645	6545	7160	100	100	3-6	4678	
3-Stage Full Free Wide View Mast	TFM370	3700	3700	1795	4260	4865	1245	640	6-6	4668
	TFM400	4000	4000	1895	4560	5165	1345	740	6-6	4728
	TFM430	4300	4300	1995	4860	5465	1445	840	6-6	4788
	TFM450	4500	4500	2045	5060	5665	1495	890	6-6	4818
	TFM470	4700	4700	2095	5260	5865	1545	940	6-6	4848
	TFM500	5000	5000	2195	5560	6165	1645	1040	6-6	4908
	TFM525	5250	5250	2295	5810	6415	1745	1140	3-6	4968
	TFM550	5500	5500	2395	6060	6665	1845	1240	3-6	5028
TFM600	6000	6000	2595	6560	7165	2045	1440	3-6	5168	

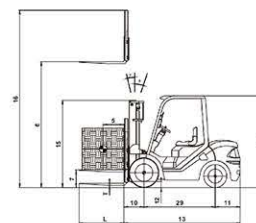
With side shifter, load capacity subtract 150kg.

MAIN SPECIFICATIONS

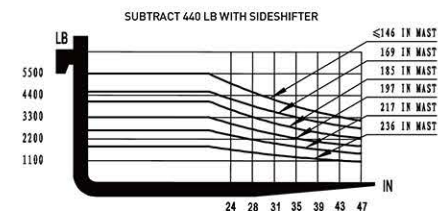
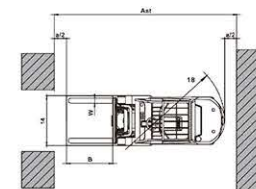
General	1	Manufacturer		UN	1
	2	Model		FL25T-JGC	2
	3	Power Type		LPG	3
	4	Rated Load Capacity	kg	2500	4
	5	Load Centre	mm	500	5
Characteristic & Dimension	6	Rated Lift Height	mm	3300	6
	7	Free Lift Height	mm	65	7
	8	Fork Size (LxWxT)	mm	1070x120x40	8
	9	Mast Tilt Angle (F/R, α°/β°)	Deg	6°/12°	9
	10	Fork Overhang (Wheel Center to Fork Face)	mm	435	10
	11	Rear Overhang	mm	500	11
	12	Ground Clearance (Bottom of Mast)	mm	65	12
	13	Length to Face of Fork (Without Fork)	mm	2325	13
	14	Overall Width	mm	1080	14
	15	Mast Lowered Height	mm	2175	15
	16	Mast Extended Height (With Backrest)	mm	4330	16
	17	Overhead Guard Height	mm	2080	17
	18	Turning Radius (Outside)	mm	2050	18
	19	*Min.Right Angle Stacking Aisle Width (Add Load Length and Clearance)*	mm	2180	19
Performance	20	Travel Speed (No Load)	km/h	16.5	20
	21	Lifting Speed (Full Load)	mm/sec	400	21
	22	Lowering Speed (Full Load)	mm/sec	420	22
	23	Max.Drawbar Pull (Full Load)	KN	17	23
Chassis	24	Max.Gradeability (Full Load)	%	20	24
	25	Tyre (Front x 2)	mm	21x7x15	25
	26	Tyre (Rear x 2)	mm	16½x6x11¼	26
	27	Front Tread	mm	902	27
	28	Rear Tread	mm	900	28
Weight	29	Wheelbase	mm	1400	29
	30	Total Weight	kg	3730	30
	31	Front Axle Weight Distribution (Full Load)	kg	5490	31
	32	Rear Axle Weight Distribution (Full Load)	kg	740	32
	33	Front Axle Weight Distribution (No Load)	kg	1300	33
Power & Transmission	34	Rear Axle Weight Distribution (No Load)	kg	2430	34
	35	Battery	V/Ah	12/60	35
	36	Engine Model		GM3.0	36
	37	Engine Manufacturer		GM	37
	38	Rated Output	kw	64	38
	39	Rated Torque	N·m	220	39
	40	No.of Cylinder		4	40
	41	Bore x Stroke	mm	101.6x91.44	41
	42	Displacement	cc	2967	42
	43	Fuel Tank Capacity	L	48	43
	44	Transmission Type		Powershift	44
	45	Transmission Stage (FWD/RVS)		1/1	45
	46	Operating Pressure (For Attachments)	Mpa	17.5	46

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UN Forklift retains the right to interpret.



a=200mm: Safety clearance
AS1=a+10+10+8



PRODUCT ADVANTAGES

Minimize Preventable Repairs

UN electric forklift is convenient to repair. Remove rear panel for access to the controller for inspection and planned maintenance.



Deluxe Seat Guarantees Driver's Comfort and Safety

Suspension, fold down and waist restraint seat provides maximum operator comfort and enhance safety, with large seatback angle, longer seat travel length and operators weight resistance on front side allow multiple adjustments for maximum comfort.



On-board Diagnostics

The multi-function display provides an at-a-glance view of critical functions, facilitating and providing a wealth of information.



Reliable AC Technology

UN electric forklift is 100% AC motor and hydraulics powered with high productivity and extended working hours. By using ZAPI AC controller, it provides the infinitely variable drive and lift control, and features regenerative braking to capture and serve energy. With better cooling capacity and greater reliability even in humid environments, AC power delivers more consistent and higher performance.

Simplified Battery Maintenance & Replacement

UN electric forklift is designed to be easy to operate by simplified battery replacement. For UN 4-wheel electric forklift, the battery hood opens nearly 90 degree making routine battery maintenance and change-out faster. For 3-wheel electric forklift, the battery hood opens on the side of battery box, so the battery is able to change out by using the hand pallet.





3-Wheel Electric Forklift Truck

capacity 1,300 to 2,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)					
							Lowered	Extended		Without Backrest	With Backrest						Without Backrest	With Backrest
			FBT13	FBT16	FBT18	FBT20	1.3/1.6/1.8/2.0t	1.3/1.6/1.8/2.0t	1.3/1.6/1.8/2.0t	1.3/1.6/1.8/2.0t								
Wide View Mast	SM200	2000	1300	1600	1800	2000	1585	2645	3170	100	100	6-6	2745	3022	3105	3260		
	SM250	2500	1300	1600	1800	2000	1835	3045	3570	100	100	6-6	2795	3072	3155	3310		
	SM270	2700	1300	1600	1800	2000	1935	3245	3770	100	100	6-6	2805	3085	3165	3325		
	SM300	3000	1300	1600	1800	2000	2085	3545	4070	100	100	6-6	2820	3100	3180	3345		
	SM330	3300	1300	1600	1800	2000	2235	3845	4370	100	100	6-6	2835	3115	3195	3365		
	SM350	3500	1300	1600	1800	2000	2335	4045	4570	100	100	6-6	2845	3125	3205	3380		
	SM370	3700	1300	1600	1800	2000	2435	4245	4770	100	100	6-6	2855	3135	3215	3395		
	SM400	4000	1300	1600	1800	2000	2635	4545	5070	100	100	3-5	2885	3165	3245	3420		
	SM430	4300	1200	1500	1700	1900	2785	4845	5370	100	100	3-5	2895	3175	3255	3440		
	SM450	4500	1100	1400	1600	1800	2885	5045	5570	100	100	3-5	2910	3190	3270	3455		
	SM470	4700	1000	1250	1500	1700	2985	5245	5770	100	100	3-5	2930	3210	3290	3500		
	SM500	5000	900	1100	1300	1400	3185	5545	6070	100	100	3-5	2950	3240	3380	3530		
SM550	5500	700	950	1100	1200	3435	6045	6570	100	100	3-5	3000	3290	3430	3580			
SM600	6000	500	750	900	1000	3685	6545	7070	100	100	3-5	3050	3340	3480	3630			
2-Stage Full Free Wide View Mast	SFM200	2000	1300	1600	1800	2000	1585	2540	3065	1000	525	6-6	2885	3165	3245	3435		
	SFM250	2500	1300	1600	1800	2000	1835	2990	3515	1200	775	6-6	2935	3215	3295	3485		
	SFM270	2700	1300	1600	1800	2000	1935	3190	3715	1300	875	6-6	2950	3230	3310	3500		
	SFM300	3000	1300	1600	1800	2000	2085	3540	4065	1500	1025	6-6	2965	3245	3325	3520		
	SFM330	3300	1300	1600	1800	2000	2235	3890	4415	1700	1175	6-6	2980	3260	3340	3540		
	SFM350	3500	1300	1600	1800	2000	2335	4040	4565	1750	1275	6-6	2990	3270	3350	3555		
	SFM370	3700	1300	1600	1800	2000	2435	4190	4715	1800	1375	6-6	3000	3280	3360	3570		
	SFM400	4000	1300	1600	1800	2000	2685	4540	5065	2000	1625	3-5	3010	3290	3380	3590		
3-Stage Full Free Wide View Mast	STFM370	3700	1300	1600	1800	2000	1835	4245	4770	1200	775	3-5	3075	3345	3425	3615		
	STFM400	4000	1300	1600	1800	2000	1935	4545	5070	1300	875	3-5	3095	3365	3445	3635		
	STFM430	4300	1200	1500	1700	1900	2035	4845	5370	1400	975	3-5	3105	3385	3465	3655		
	STFM450	4500	1100	1400	1600	1800	2085	5045	5570	1500	1025	3-5	3115	3395	3475	3670		
	STFM470	4700	1000	1300	1500	1550	2135	5245	5770	1600	1075	3-5	3130	3410	3490	3685		
	STFM500	5000	950	1250	1450	1500	2235	5545	6070	1700	1175	3-5	3140	3420	3500	3705		
	STFM550	5500	850	1150	1200	1300	2435	6045	6570	1800	1375	3-5	3165	3445	3525	3735		
	STFM600	6000	750	1050	1100	1200	2635	6545	7070	2000	1575	3-5	3215	3495	3575	3785		
	STFM650	6500	650	950	1000	1100	2785	7045	7570	2200	1725	3-5	3245	3525	3600	3810		

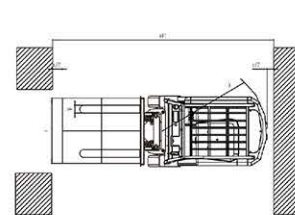
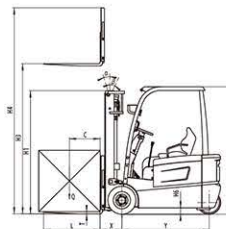
With Separated Side shifter, load capacity subtract 150kg. With Integrated side shifter, load capacity subtract 50kg.

MAIN SPECIFICATIONS

Specification	1	Manufacturer	UN				1
			FBT13-AZ1	FBT16-AZ1	FBT18-AZ1	FBT20-AZ1	
2	Model						2
3	Rated Load Capacity	Q(kg)	1300	1600	1800	2000	3
4	Load Centre	C(mm)	500	500	500	500	4
5	Lift Height	H ₁ (mm)	3000	3000	3000	3000	5
6	Free Lift	H ₂ (mm)	100	100	100	100	6
7	Fork Size (L×W×T)	L/W/T(mm)	920×120×35	920×120×35	1070×120×40	1070×120×40	7
8	F/B(α°/β°)	Deg	6°/6°	6°/6°	6°/6°	6°/6°	8
9	Length (To Fork Face)	L ₁ (mm)	1855	1955	1955	2075	9
10	Width	B ₁ (mm)	1082	1082	1082	1140	10
11	Mast Lowered Height	H ₁ (mm)	2085	2085	2085	2085	11
12	Mast Extended Height (With Backrest)	H ₂ (mm)	4070	4070	4070	4070	12
13	Overhead Guard Height	H ₃ (mm)	2080	2080	2080	2080	13
14	Turning Radius	W ₁ (mm)	1515	1615	1615	1725	14
15	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	412	412	412	412	15
16	Front Tread	B ₂ (mm)	922	922	922	922	16
17	Rear Tread	B ₃ (mm)	175	175	175	175	17
18	Ground Clearance	H ₄ (mm)	90	90	90	90	18
19	Wheelbase	Y ₁ (mm)	1320	1420	1420	1538	19
20	Fork Spread (Min/Max)	mm	200/1000	200/1000	200/1000	200/1000	20
21	Working Aisle Width With Pallet (1000×1200, 1200 Lengthways)	A ₁ (mm)	3190	3290	3290	3410	21
22	Working Aisle Width With Pallet (800×1200, 800 Lengthways)	A ₂ (mm)	3310	3410	3410	3530	22
23	Travel Speed (Full Load)	km/h	13	13	13	13	23
24	Travel Speed (No Load)	km/h	14	14	14	14	24
25	Lifting Speed (Full Load)	mm/s	300	290	270	250	25
26	Lifting Speed (No Load)	mm/s	450	440	430	400	26
27	Max. Gradeability (Full Load)	%	18	18	18	18	27
28	Max. Gradeability (No Load)	%	20	20	20	20	28
29	Total Weight (Contains the battery)	kg	2820	3100	3180	3345	29
30	Tyre (Front x 2)		18x7-8	18x7-8	18x7-8	200/50-10	30
31	Tyre (Rear x 2)		15x4.5-8	15x4.5-8	15x4.5-8	15x4.5-8	31
32	Diver Motor	kw	4x2	4x2	4x2	4x2	32
33	Pump Motor	kw	11	11	11	11	33
34	Battery (Standard)	V/Ah	48/500	48/500	48/500	48/625	34
35	Controller Type		AC	AC	AC	AC	35
36	Controller Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	36
37	Operating Pressure	Mpa	14.5	14.5	14.5	14.5	37

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.





4-Wheel Electric Forklift Truck

capacity 1,500 to 3,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)												Free Lift (mm)						Tilt Angle (F/R)						Total Weight (kg)			
					Lowered						Extended						Without Backrest			With Backrest												
					Without Backrest		With Backrest		Without Backrest		With Backrest		Without Backrest		With Backrest		Without Backrest		With Backrest													
					FB15	FB20	FB25	FB30	FB35	1.5k	2.0/2.5k	3.0/3.5k	1.5k	2.0/2.5k	3.0/3.5k	1.5k	2.0/2.5k	3.0/3.5k	1.5k	2.0/2.5k	3.0/3.5k	1.5k	2.0/2.5k	3.0/3.5k	1.5k	2.0/2.5k	3.0/3.5k	1.5k	2.0/2.5k	3.0/3.5k	FB15	FB20
Wide View Mast	BM200	2000	1500	2000	2500	3000	3500	1525	1550	1570	2575	2580	2595	3055	3070	3070	100	100	100	100	100	100	6-12	6-12	6-12	3000	4080	4580	5080	5580		
	BM250	2500	1500	2000	2500	3000	3500	1775	1805	1820	3075	3080	3095	3555	3570	3570	100	100	100	100	100	100	6-12	6-12	6-12	3025	4120	4620	5120	5620		
	BM270	2700	1500	2000	2500	3000	3500	1875	1905	1920	3275	3280	3295	3755	3770	3770	100	100	100	100	100	100	6-12	6-12	6-12	3045	4135	4635	5135	5635		
	BM300	3000	1500	2000	2500	3000	3500	2025	2055	2070	3575	3580	3595	4055	4070	4070	100	100	100	100	100	100	6-12	6-12	6-12	3060	4160	4660	5160	5660		
	BM330	3300	1500	2000	2500	3000	3500	2175	2205	2220	3675	3680	3695	4155	4170	4170	100	100	100	100	100	100	6-12	6-12	6-12	3075	4185	4685	5185	5685		
	BM350	3500	1500	2000	2500	3000	3500	2275	2305	2320	4075	4080	4095	4555	4570	4570	100	100	100	100	100	100	6-12	6-12	6-12	3085	4200	4700	5200	5700		
	BM370	3700	1500	2000	2400	3000	3500	2375	2405	2420	4275	4280	4295	4755	4770	4770	100	100	100	100	100	100	6-4	6-4	6-4	3095	4220	4720	5220	5720		
	BM400	4000	1500	2000	2400	3000	3500	2575	2605	2620	4575	4580	4595	5055	5070	5070	100	100	100	100	100	100	6-4	6-4	6-4	3110	4240	4740	5240	5740		
	BM430	4300	1300	1850	2250	2800	3300	2775	2755	2770	4875	4880	4895	5355	5370	5370	100	100	100	100	100	100	6-4	6-4	6-4	3120	4265	4765	5265	5765		
	BM450	4500	1250	1800	2150	2700	3200	2825	2855	2870	5075	5080	5095	5555	5570	5570	100	100	100	100	100	100	6-4	6-4	6-4	3130	4280	4780	5280	5780		
2-Stage Full Free Wide View Mast	BM470	4700	1100	1700	1900	2500	3000	2925	2955	2970	5275	5280	5295	5755	5770	5770	100	100	100	100	100	100	6-4	6-4	6-4	3140	4300	4800	5300	5800		
	BM500	5000	950	1400	1600	2200	2700	3125	3155	3170	5575	5580	5595	6055	6070	6070	100	100	100	100	100	100	6-4	6-4	6-4	3170	4330	4830	5330	5830		
	BM550	5500	800	1500	1500	2000	2500	3375	3405	3420	6075	6080	6095	6555	6570	6570	100	100	100	100	100	100	3-4	3-4	3-4	3195	4370	4870	5370	5870		
	BM600	6000	500	950	950	1300	1800	3425	3455	3470	6575	6580	6595	7055	7070	7070	100	100	100	100	100	100	3-4	3-4	3-4	3220	4410	4910	5410	5910		
	BFM200	2000	1500	2000	2500	3000	3500	1525	1570	1570	2570	2640	2590	3060	3068	3060	960	970	882	480	507	407	6-12	6-12	6-12	3085	4120	4620	5140	5640		
	BFM250	2500	1500	2000	2500	3000	3500	1775	1820	1820	3020	3050	3040	3500	3518	3515	1200	1120	1132	730	757	457	6-12	6-12	6-12	3110	4160	4660	5180	5680		
	BFM270	2700	1500	2000	2500	3000	3500	1875	1920	1920	3220	3250	3260	3700	3718	3715	1300	1230	1232	830	857	757	6-12	6-12	6-12	3120	4175	4675	5195	5695		
	BFM300	3000	1500	2000	2500	3000	3500	2025	2070	2070	3570	3605	3595	4050	4068	4065	1400	1382	980	1007	907	1007	6-12	6-12	6-12	3135	4200	4700	5220	5720		
	BFM330	3300	1500	2000	2500	3000	3500	2175	2220	2220	3920	3955	3940	4400	4418	4415	1500	1420	1532	1130	1157	1057	6-12	6-12	6-12	3150	4225	4725	5245	5745		
	BFM350	3500	1500	2000	2500	3000	3500	2275	2320	2320	4070	4105	4090	4550	4568	4565	1710	1632	1220	1257	1157	1157	6-12	6-12	6-12	3160	4240	4740	5260	5760		
3-Stage Full Free Wide View Mast	BFM370	3700	1500	2000	2450	3000	3500	2375	2420	2420	4220	4255	4240	4700	4718	4715	1800	1732	1320	1357	1257	1257	6-4	6-4	6-4	3170	4265	4765	5275	5775		
	BFM400	4000	1500	2000	2400	3000	3500	2425	2470	2470	4570	4605	4595	5050	5068	5065	2000	1962	1580	1607	1507	1507	6-4	6-4	6-4	3185	4280	4780	5300	5800		
	BTFM370	3700	1500	2000	2500	3000	3500	1845	1865	1860	4270	4307	4260	4735	4770	4875	1200	1200	1172	800	785	797	6-4	6-4	6-4	6-4	3205	4280	4780	5300	5800	
	BTFM400	4000	1500	1900	2400	3000	3500	1925	1945	1940	4570	4607	4570	5005	5050	5175	1300	1300	1272	900	885	797	6-4	6-4	6-4	6-4	3225	4310	4810	5330	5830	
	BTFM430	4300	1250	1850	2200	2700	3200	2025	2045	2040	4870	4907	5000	5335	5370	5475	1400	1400	1372	1000	985	897	6-4	6-4	6-4	6-4	3245	4360	4860	5380	5880	
	BTFM450	4500	1200	1750	2100	2600	3100	2075	2095	2110	5070	5107	5200	5535	5570	5675	1500	1498	1422	1050	1035	947	6-4	6-4	6-4	6-4	3260	4360	4860	5380	5880	
	BTFM470	4700	1100	1720	2000	2500	3000	2125	2145	2160	5270	5307	5400	5735	5770	5875	1550	1548	1472	1100	1085	997	6-4	6-4	6-4	6-4	3275	4380	4880	5400	5900	
	BTFM500	5000	900	1400	1600	2100	2600	2225	2245	2260	5570	5607	5700	6035	6070	6175	1645	1648	1572	1200	1185	1099	6-4	6-4	6-4	6-4	3300	4410	4910	5430	5930	
	BTFM550	5500	800	1500	1500	2000	2500	2425	2445	2460	6070	6107	6200	6535	6570	6675	1800	1800	1772	1400	1385	1299	3-4	3-4	3-4	3-4	3340	4460	4960	5480	5980	
	BTFM600	6000	600	950	950	1300	1800	2625	2645	2660	6570	6607	6700	7035	7070	7175	2000	2000	1972	1600	1585	1497	3-4	3-4	3-4	3-4	3390	4530	5030	5550	6050	
BTFM650	6500	-	400	400	700	1400	-	2895	2910	-	7107	7200	-	7570	7675	-	2200	2200	-	1835	1747	-	3-4	3-4	-	4580	5080	5680	6100	6600		
BTFM700	7000	-	400	400	700	1200	-	3095	3110	-	7607	7700	-	8070	8175	-	2300	2300	-	2035	1967	-	3-4	3-4	-	4630	5130	5650	6150	6650		

With Separated Side Shifter, load capacity subtract 200kg. With Integrated side shifter, load capacity subtract 50kg.

MAIN SPECIFICATIONS

Specification	1	Manufacturer							1
	2	Model		FB15-AZ1	FB20-AZ1	FB25-AZ1	FB30-AZ1	FB35-AZ1	2
	3	Rated Load Capacity	Q(kg)	1500	2000	2500	3000	3500	3
	4	Load Centre	C(mm)	500	500	500	500	500	4
	5	Lift Height	H ₁ (mm)	3000	3000	3000	3000	3000	5
	6	Free Lift	H ₂ (mm)	100	100	100	100	100	6
	7	Fork Size (L×W×T)	L/W/T(mm)	920×120×35	1070×120×40	1070×120×40	1070×125×45	1070×125×50	7
	8	F/B(°/B°)	Deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	8
Dimensions	9	Length (To Fork Face)	L ₁ (mm)	2150	2380	2380	2475	2535	9
	10	Width	B ₁ (mm)	1090	1150	1150	1225	1225	10
	11	Mast Lowered Height	H ₁ (mm)	2025	2055	2055	2070	2070	11
	12	Mast Extended Height (With Backrest)	H ₂ (mm)	4055	4070	4070	4070	4070	12
	13	Overhead Guard Height	H ₃ (mm)	2125	2125	2125	2125	2125	13
	14	Turning Radius	W ₁ (mm)	1995	2080	2080	2215	2280	14
	15	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	409	478	478	485	485	15
	16	Front Tread	B ₂ (mm)	890	970	970	1000	1000	16
	17	Rear Tread	B ₃ (mm)	920	950	950	980	980	17
	18	Ground Clearance	H ₄ (mm)	110	120	120	130	130	18
Performance	19	Wheelbase	Y ₁ (mm)	1380	1500	1500	1600	1600	19
	20	Fork Spread (Min/Max)	mm	240/970	250/1040	250/1040	250/1100	250/1100	20
	21	Working Aisle Width With Pallet (1000×1200,1200 Lengthways)	mm	3605	3830	3830	3970	4035	21
	22	Working Aisle Width With Pallet (800×1200,800 Lengthways)	mm	3805	3960	3960	4100	4165	22
Performance	23	Travel Speed (Full Load)	km/h	12	12	12	12	12	23
	24	Travel Speed (No Load)	km/h	13	13	13	13	13	24
	25	Lifting Speed (Full Load)	mm/s	280	300	300	280	280	25
	26	Lifting Speed (No Load)	mm/s	380	420	420	440	440	26
	27	Max.Gradeability (Full Load)	%	18	18	18	16	12	27
	28	Max.Gradeability (No Load)	%	20	20	20	18	13	28
	29	Total Weight (Include Battery Box)	kg	3060	4160	4660	5160	5660	29
	30	Tyre (Front x 2)		6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-12PR	30
	31	Tyre (Rear x 2)		5.00-8-8PR	18x7-8-14PR	18x7-8-14PR	18x7-8-14PR	18x7-8-14PR	31
Drive	32	Diver Motor	kw	7.5	11	11	12	12	32
	33	Pump Motor	kw	9.2	11	11	12	12	33
	34	Battery (Standard)	V/Ah	48/450	48/620	48/620	80/500	80/500	34
	35	Controller Type		AC	AC	AC	AC	AC	35
	36	Controller Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	36
	37	Operating Pressure	Mpa	14.5	17.5	17.5	17.5	17.5	37



4-Wheel Electric Forklift Truck

capacity 4,500 to 5,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

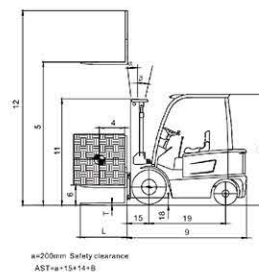
Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)	
					Lowered	Extended		Without Backrest	With Backrest			
			Without Backrest	With Backrest		Without Backrest	With Backrest					
			FB45	FB50	4.5/5.0t	4.5/5.0t		4.5/5.0t				
Wide View Mast	BM300	3000	4500	5000	2250	3730	4260	84	84	6-9	7020	7280
	BM330	3300	4500	5000	2400	4030	4560	84	84	6-9	7075	7335
	BM350	3500	4500	5000	2500	4230	4760	84	84	6-9	7115	7375
	BM370	3700	4500	4850	2600	4430	4960	84	84	6-9	7155	7415
	BM400	4000	4500	4650	2800	4730	5260	84	84	6-6	7230	7490
	BM430	4300	4200	4300	2950	5030	5560	84	84	6-6	7285	7545
	BM450	4500	4000	4200	3050	5230	5760	84	84	6-6	7325	7585
	BM470	4700	3600	3700	3150	5430	5960	84	84	6-6	7365	7625
	BM500	5000	3400	3550	3300	5730	6260	84	84	6-6	7415	7675
	BM550	5500	2700	2700	3550	6230	6760	84	84	6-6	7535	7795
	BM600	6000	2400	2400	3850	6730	7260	84	84	6-6	7655	7915

With Separated Side Shifter, load capacity subtract 200kg. With Integrated side shifter, load capacity subtract 100kg.

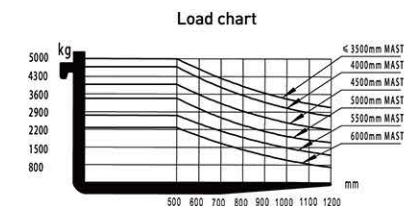
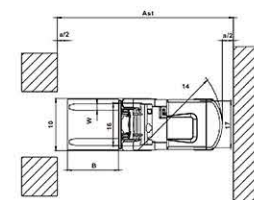
MAIN SPECIFICATIONS

Specification	1	Manufacturer			1
	2	Model	FB45-AZ1	FB50-AZ1	2
	3	Rated Load Capacity	0(kg)	5000	3
	4	Load Centre	C(mm)	500	4
	5	Lift Height	H ₁ (mm)	3000	5
	6	Free Lift	H ₂ (mm)	84	6
	7	Fork Size (L×W×T)	L/W/T(mm)	1070×150×50	7
	8	F/B(α°/β°)	Deg	6°/10°	8
Dimensions	9	Length (To Fork Face)	L ₁ (mm)	2940	9
	10	Width	B ₁ (mm)	1612	10
	11	Mast Lowered Height	H ₁ (mm)	2250	11
	12	Mast Extended Height (With Backrest)	H ₂ (mm)	4260	12
	13	Overhead Guard Height	H ₃ (mm)	2300	13
	14	Turning Radius	W ₁ (mm)	2705	14
	15	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	550	15
	16	Front Tread	B ₂ (mm)	1300	16
	17	Rear Tread	B ₃ (mm)	1200	17
	18	Ground Clearance	H ₄ (mm)	125	18
	19	Wheelbase	Y ₁ (mm)	2000	19
	20	Fork Spread (Min/Max)	mm	250/1380	20
Performance	21	Working Aisle Width With Pallet (1200×1200)	A ₁ (mm)	4655	21
	22	Travel Speed (Full Load)	km/h	12.5	22
	23	Travel Speed (No Load)	km/h	13.5	23
	24	Lifting Speed (Full Load)	mm/s	290	24
	25	Lifting Speed (No Load)	mm/s	400	25
	26	Max. Gradeability (Full Load)	%	12	26
	27	Max. Gradeability (No Load)	%	13	27
	28	Total Weight (Include Battery Box)	Kg	7020	28
	29	Tyre (Front x 2)		28x12.5-15PR	29
	30	Tyre (Rear x 2)		21x8-9	30
Drive	31	Diver Motor	Kw	11x2	31
	32	Pump Motor	Kw	25.4	32
	33	Battery (Standard)	V/Ah	80/840	33
	34	Controller Type		AC	34
	35	Controller Manufacturer		ZAPI	35
	36	Operating Pressure	Mpa	20	36

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.
UN Forklift retains the right to interpret.



±200mm Safety clearance
AST=α+15+14+β



Electric Stacker

capacity 1,000 to 1,600kg



MAIN SPECIFICATIONS

Feature	1	Manufacturer	UN					1
	2	Model	PS10-AZ1	PS12-AZ1	PS14-AZ1	PS16-AZ1	PS10-AZ1	2
Feature	3	Load capacity	G(kg)	1600	1200	1400	1600	3
	4	Load center	C(mm)	600	600	600	600	4
	5	Wheel base	Y(mm)	1270	1270	1325	1375	5
	6	Operating type		Walkie/Stand on	Walkie/Stand on	Walkie/Stand on	Walkie/Stand on	6
Dimension	7	Standard lift height	H1(mm)	3000	3000	3000	3000	7
	8	Lowered fork height	H2(mm)	85	85	85	85	8
	9	Mast lowered height	H3(mm)	1980	1980	1980	2085	9
	10	Max.extend height	H4(mm)	3500	3500	3500	3500	10
	11	Fork size(length/width/thickness)	LxWxT(mm)	1150(1200)/185/55	1150(1200)/185/55	1150(1200)/185/55	1150(1200)/185/55	11
	12	Overall height	H5(mm)	1015/1455	1015/1455	1005/1430	1005/1450	12
	13	Min.Turning radius	W6(mm)	1525/1935	1525/1935	1580/1990	1630/2040	13
	14	Min.Aisle width for pallets 800×1200,Pedal fold/unfold	As1(mm)	2390/2800	2390/2800	2445/2855	2445/2855	14
	15	Min.Aisle width for pallets 1000×1200,Pedal fold/unfold	As2(mm)	2455/2845	2455/2845	2510/2920	2510/2920	15
	16	Overall length	L1(mm)	1993/2413	1993/2413	2050/2470	2050/2470	16
Performance	17	Overall width	B1(mm)	812	812	856	856	17
	18	Outside width between legs	B2(mm)	550/600/650/685	550/600/650/685	550/600/650/685	550/600/650/685	18
	19	Inside width between legs	B3(mm)	180/230/280/315	180/230/280/315	180/230/280/315	180/230/280/315	19
	20	Min.ground clearance	M1(mm)	30	30	30	30	20
	21	Travel speed,laden/unladen	km/h	5/5	5/5	5/5	5/5	21
	22	Lift speed,laden/unladen	mm/s	130/230	130/230	130/230	130/230	22
	23	Descent speed,laden/unladen	mm/s	130/230	130/230	130/230	130/230	23
	24	Gradeability,laden/unladen	°	5/7	5/7	5/7	5/7	24
	25	Wheel type		PU	PU	PU	PU	25
	26	Wheel quantity Driving wheel/Balance wheel/Bearing wheel		1/2/4	1/2/4	1/2/4	1/2/4	26
Electrical Configuration	27	Brake	Electromagnetic/Regenerative					27
	28	Drive motor/Lift motor/Steering motor	kw	AC1.5/DC3/DC0.15	AC1.5/DC3/DC0.15	AC1.5/DC3/DC0.15	AC1.5/DC3/DC0.15	28
	29	Battery voltage	V	24	24	24	24	29
	30	Battery capacity	Ah	210	210	270	270	30
	31	Controller		CURTIS	CURTIS	CURTIS	CURTIS	31
	32	Controller type		Semi AC	Semi AC	Semi AC	Semi AC	32
	33	Battery weight	kg	190	190	235	235	33
	34	Service weight with battery	kg	1110	1110	1204	1260	34

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.
UN Forklift retains the right to interpret.

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 600mm)(kg)		Mast lowered height (mm)	Max.extend height (mm)	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 600mm) (kg)		Mast lowered height (mm)	Max.extend height (mm)	Free lift height (mm)		Total Weight (kg)		
			1.0t	1.2t					1.4t	1.6t			1.4t	1.6t	1.0/1.2t	1.4t	1.6t
Wide View Mast	M200	2000	1000	1200	1535	2500	M140	1400	1400	1600	1185	1185	1900	1900	-	1144	1180
	M250	2500	1000	1200	1765	3000	M200	2000	1400	1600	1535	1535	2500	2500	-	1070	1164
	M300	3000	1000	1200	1980	3500	M250	2500	1400	1600	1765	1765	3000	3000	-	1090	1184
	M330	3300	800	1000	2135	3800	M300	3000	1400	1600	1980	1980	3500	3500	-	1110	1204
	M360	3600	600	800	2335	4100	M330	3300	1200	1400	2135	2135	3800	3800	-	1130	1244
	M400	4000	400	600	2500	4500	M360	3600	1000	1200	2335	2335	4100	4100	-	1150	1244
2-Stage Full Free Wide View Mast	-	-	-	-	-	-	M400	4000	800	1000	2500	2500	4500	4500	-	1170	1264
	-	-	-	-	-	-	SFM250	2500	1400	-	1830	-	3000	-	1270	-	1310
	-	-	-	-	-	-	SFM300	3000	1200	-	2080	-	3500	-	1520	-	1330
3-Stage Full Free Wide View Mast	-	-	-	-	-	-	SFM350	3500	1000	-	2180	-	3800	-	1620	-	1350
	-	-	-	-	-	-	VTFM370	3700	-	1150	-	1800	-	4200	-	1335	-
	-	-	-	-	-	-	VTFM390	3900	-	1050	-	1900	-	4400	-	1448	-
	-	-	-	-	-	-	VTFM420	4200	-	900	-	1985	-	4700	-	1520	-
	-	-	-	-	-	-	VTFM450	4500	-	700	-	2085	-	5000	-	1620	-
	-	-	-	-	-	-	VTFM470	4700	-	600	-	2135	-	5200	-	1670	-
	-	-	-	-	-	-	VTFM500	5000	-	500	-	2235	-	5500	-	1770	-
	-	-	-	-	-	-	VTFM530	5300	-	400	-	2520	-	5800	-	2074	-
	-	-	-	-	-	-	VTFM550	5500	-	350	-	2590	-	6000	-	2134	-
	-	-	-	-	-	-	VTFM580	5800	-	300	-	2690	-	6300	-	2234	-

Electric Pallet Truck

capacity 1,500 to 3,000kg



MAIN SPECIFICATIONS

Feature	1	Manufacturer							1
	2	Model		PT15	PT15-AZ1	PT20-AZ1	PT25-AZ1	PT30-AZ1	2
	3	Load capacity	Q(kg)	1500	1500	2000	2500	3000	3
	4	Load center	C(mm)	600	600	600	600	600	4
	5	Wheel base	Y(mm)	1284/1345	1234	1493	1493	1493	5
Dimension	6	Operating type		Walkie	Walkie	Walkie/Stand On	Walkie/Stand On	Walkie/Stand On	6
	7	Min.fork lowered height	H1(mm)	85	85	85	85	85	7
	8	Max.fork lifting height	H2(mm)	195	205	205	205	205	8
	9	Max.lifting height	H3(mm)	110	120	120	120	120	9
	10	Fork size(length/width/thickness)	LxWxT(mm)	1150(1200)/160/44	1150(1200)/160/44	1150(1200)/185/55	1150(1200)/185/55	1150(1200)/185/55	10
	11	Min.Turning radius	Wal(mm)	1510	1400	1746/2158	1746/2158	1746/2158	11
	12	Min.Aisle width for pallets 800×1200,Pedal fold/unfold	Ast(mm)	1960	1850	2175/2585	2175/2585	2175/2585	12
	13	Min.Aisle width for pallets 1000×1200,Pedal fold/unfold	Ast(mm)	1960	1850	2175/2585	2175/2585	2175/2585	13
	14	Overall length	L1(mm)	1426	1430	1916/2333	1916/2333	1916/2333	14
	15	Overall width	B1(mm)	560/685	724	790	790	790	15
Performance	16	Overall height(with handle/without handle)	H4(mm)	1190/710	685/1220	1455/845	1455/845	1455/845	16
	17	Outside width between legs	B1(mm)	560/685	540/600/685	550/600/685	550/600/685	550/600/685	17
	18	Travel speed,laden/unladen	km/h	3/3.5	3.5/4	6/6	6/6	6/6	18
	19	Lift speed,laden/unladen	mm/s	56/60	56/60	56/60	56/60	56/60	19
	20	Descent speed,laden/unladen	mm/s	57/59	57/59	57/59	57/59	57/59	20
	21	Gradeability,laden/unladen	°	5/7	5/7	5/7	5/7	5/7	21
Wheels	22	Wheel type		PU	PU	PU	PU	PU	22
	23	Wheel quantity Driving wheel/Balance wheel/Bearing wheel		1/0/4	1/2/4	1/2/4	1/2/4	1/2/4	23
	24	Driving wheel	mm	φ252×67	φ252×67	φ248×75	φ248×75	φ248×75	24
	25	Balance wheel	mm	-	φ99.5×40	φ115×55	φ115×55	φ115×55	25
Electrical Configuration	26	Bearing wheel	mm	φ80×58(Double wheel)		φ80×80(Double wheel)			26
	27	Brake		Electromagnetic/Regenerative					27
	28	Drive motor/Lift motor/Steering motor	kw	DC0.63/DC0.8/0		AC1.5/DC2.0/DC0.15			28
	29	Battery voltage	V	24	24	24	24	24	29
	30	Battery capacity	Ah	70	70	240	240	240	30
Weight	31	Controller		CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	31
	32	Battery weight	kg	48	48	252	252	252	32
	33	Service weight with battery	kg	275	285	840	840	840	33

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.
UN Forklift retains the right to interpret.



**Double Deep
Reach Truck**
capacity 1,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Max. Fork Reach (mm)	Load Capacity (Load Centre 500mm) (kg)	Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)		
					Lowered	Extended		Without Backrest	With Backrest		Without Backrest	With Backrest	Total Weight (kg)
						Without Backrest	With Backrest						
				FBK15	1.5t	1.5t		1.5t		1.5t		FBK15	
3-Stage Full Free Wide View Mast	RTFM450	4500	920	1500	2400	5410	5545	1485	1400	3-5	4200		
	RTFM500	5000	920	1500	2600	5910	6045	1685	1600	3-5	4250		
	RTFM550	5500	920	1400	2750	6460	6545	1835	1750	3-5	4290		
	RTFM600	6000	920	1300	2950	6960	7045	2035	1950	3-5	4350		
	RTFM650	6500	920	1200	3100	7410	7545	2185	2100	3-5	4400		
	RTFM700	7000	920	1100	3300	8010	8045	2385	2300	3-5	4530		
	RTFM750	7500	920	1000	3500	8460	8545	2585	2500	3-5	4620		
	RTFM800	8000	920	900	3665	9005	9045	2750	2650	3-5	4660		
	RTFM900	9000	920	600	4095	9950	10045	3180	3100	3-5	4850		
	RTFM1000	10000	920	300	4450	11160	11160	3535	3450	3-5	5000		

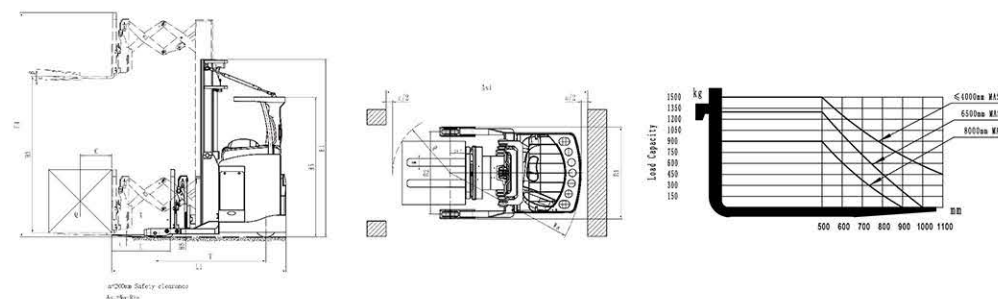
With Separated Side shifter, load capacity subtract 200Kg.

MAIN SPECIFICATIONS

Specification	1	Manufacturer			1
	2	Model		FBK15-AZ1	2
	3	Power		Battery	3
	4	Operation		Sit-on	4
	5	Rated Load Capacity	Q (kg)	1500	5
	6	Load Centre	C (mm)	500	6
	7	Lift Height	H ₁ (mm)	6000	7
	8	Free Lift	H ₂ (mm)	200	8
	9	Fork Size (L×W×T)	L/W/T(mm)	920×120×35	9
	10	F/B(°/8°)	Deg	3°/5°	10
Dimension	11	Length (To Fork Face)	L ₁ (mm)	2752	11
	12	Width	B ₁ (mm)	1450	12
	13	Mast Lowered Height	H ₁ (mm)	2950	13
	14	Mast Extended Height (With Backrest)	H ₄ (mm)	7045	14
	15	Overhead Guard Height	H ₃ (mm)	2205	15
	16	Turning Radius	W _a (mm)	2070	16
	17	Ground Clearance	H ₄ (mm)	50	17
	18	Fork Carriage Reach Distance	X (mm)	920	18
	19	Wheelbase	Y (mm)	1750	19
	20	Front Tread	B ₂ (mm)	1300	20
	21	Working Aisle Width With Pallet (1000×1200, 1200 Lengthways)	As ₁ (mm)	3250	21
	22	Working Aisle Width With Pallet (800×1200, 800 Lengthways)	As ₂ (mm)	3325	22
	23	Working Aisle Width With Pallet (Empty)	As ₃ (mm)	3055	23
Performance	24	Travel Speed (Full Load)	km/h	9.0	24
	25	Travel Speed (No Load)	km/h	9.5	25
	26	Lifting Speed (Full Load)	mm/s	240	26
	27	Lifting Speed (No Load)	mm/s	360	27
	28	Total Weight (Contains the battery)	Kg	4060	28
	29	Battery Weight	Kg	756	29
	30	Front Tyre×2 (Polyurethane)		125×75×4	30
	31	Rear Tyre×1 (Polyurethane)		343×135	31
Drive	32	Diver Motor	Kw	6	32
	33	Pump Motor	Kw	11	33
	34	Battery (Standard)	V/Ah	48/420	34
	35	Steering System		Electronic	35
	36	Service Brake		Electromagnetic	36
	37	Controller Type		AC	37
	38	Controller Manufacturer		ZAPI	38
	39	Operating Pressure	Mpa	16	39

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.





Reach Truck (Stand-On)

capacity 1,500 to 2,500kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)	Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)
				Lowered	Extended		Without Backrest	With Backrest		
					Without Backrest	With Backrest				
			FBR15	1.5t	1.5t		1.5t			FBR15
Wide View Mast	RM300	3000	1500	2245	3750	4040	380	380	3-5	2450
	RM330	3300	1500	2395	4050	4340	380	380	3-5	2480
	RM350	3500	1500	2495	4250	4540	380	380	3-5	2550
	RM370	3700	1500	2595	4450	4740	380	380	3-5	2600
	RM400	4000	1500	2795	4800	5040	380	380	3-5	2650
	RM430	4300	1500	2945	5100	5340	380	380	3-5	2720
	RM450	4500	1500	3045	5300	5540	380	380	3-5	2810
3-Stage Full Free Wide View Mast	RTFM470	4700	1500	2155	5265	5740	1600	1125	3-5	2700
	RTFM500	5000	1400	2255	5565	6040	1700	1225	3-5	2850
	RTFM550	5500	1200	2415	6115	6540	1800	1375	3-5	2875
	RTFM600	6000	1000	2615	6615	7040	2000	1575	3-5	2900
	RTFM650	6500	875	2755	7065	7540	2200	1725	3-5	2920
	RTFM700	7000	750	2955	7665	8040	2300	1925	3-5	2945
	RTFM750	7500	600	3255	8165	8540	2500	2125	3-5	2970
	RTFM800	8000	500	3320	8660	9040	2670	2290	3-5	2990

With Integrated side shifter, load capacity subtract 100Kg.

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)	
					Lowered	Extended		Without Backrest	With Backrest			
			FBR20	FBR25		2.0t/2.5t	2.0t/2.5t				2.0t/2.5t	
Wide View Mast	RM300	3000	2000	2500	2245	3750	4040	380	380	3-5	2680	2780
	RM330	3300	2000	2500	2395	4050	4340	380	380	3-5	2740	2840
	RM350	3500	2000	2500	2495	4250	4540	380	380	3-5	2800	2900
	RM370	3700	2000	2500	2595	4450	4740	380	380	3-5	2850	2950
	RM400	4000	2000	2450	2795	4800	5040	380	380	3-5	2900	3000
	RM430	4300	2000	2400	2945	5100	5340	380	380	3-5	2960	3060
	RM450	4500	2000	2300	3045	5300	5540	380	380	3-5	3020	3120
3-Stage Full Free Wide View Mast	RTFM470	4700	2000	2125	2155	5265	5740	1600	1125	3-5	2650	2750
	RTFM500	5000	2000	2090	2255	5565	6040	1700	1225	3-5	2950	3050
	RTFM550	5500	1800	1800	2415	6115	6540	1800	1375	3-5	3250	3350
	RTFM600	6000	1600	1600	2615	6615	7040	2000	1575	3-5	3100	3200
	RTFM650	6500	1400	1400	2755	7065	7540	2200	1725	3-5	3150	3250
	RTFM700	7000	1200	1200	2955	7665	8040	2300	1925	3-5	3245	3345
	RTFM750	7500	1000	1000	3255	8165	8540	2500	2125	3-5	3280	3380
	RTFM800	8000	800	800	3320	8660	9040	2670	2290	3-5	3350	3450

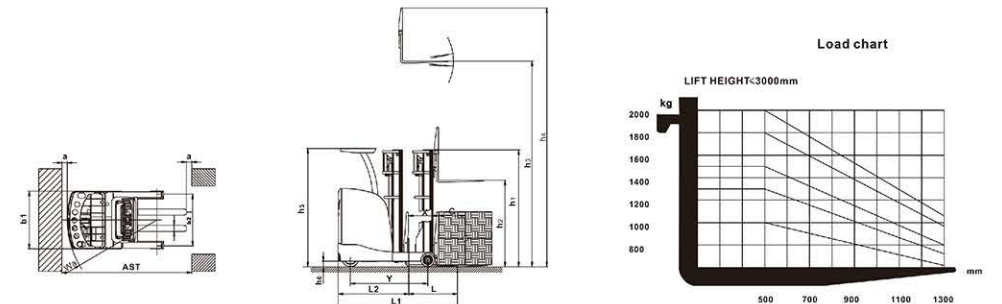
With Separated side shifter, load capacity subtract 100Kg.

MAIN SPECIFICATIONS

Specification	1	Manufacturer					1
	2	Model		FBR15-AZ1	FBR20-AZ1	FBR25-AZ1	2
	3	Power		Battery	Battery	Battery	3
	4	Operation		Stand-on	Stand-on	Stand-on	4
	5	Rated Load Capacity	Q (kg)	1500	2000	2500	5
	6	Load Centre	C (mm)	500	500	500	6
	7	Lift Height	H ₃ (mm)	3000	3000	3000	7
	8	Free Lift	H ₂ (mm)	380	380	380	8
	9	Fork Size (L×W×T)	L/W/T(mm)	920x120x35	1070x120x40	1070x120x40	9
	10	F/B(α°/β°)	Deg	3°/5°	3°/5°	3°/5°	10
Dimension	11	Overall Length	L ₁ (mm)	2270	2505	2685	11
	12	Main Body Length	L ₂ (mm)	1350	1435	1435	12
	13	Width	B ₁ (mm)	1090	1200	1200	13
	14	Mast Lowered Height	H ₁ (mm)	2245	2245	2245	14
	15	Mast Extended Height (With Backrest)	H ₄ (mm)	4040	4040	4040	15
	16	Overhead Guard Height	H ₅ (mm)	2250	2250	2250	16
	17	Turning Radius	W _a (mm)	1700	1750	1930	17
	18	Ground Clearance	H ₆ (mm)	90	90	90	18
	19	Reach Distance	X (mm)	560	500	670	19
	20	Wheelbase	Y (mm)	1470	1500	1680	20
	21	Front Tread	B ₂ (mm)	1000	1085	1085	21
	22	Rear Tread	B ₃ (mm)	575	560	560	22
	23	Working Aisle Width With Pallet (1000×1200,1200 Lengthways)	Ast(mm)	2785	2820	2920	23
	24	Working Aisle Width With Pallet (800×1200,800 Lengthways)	Ast(mm)	2840	2930	2945	24
Performance	25	Travel Speed (Full Load)	km/h	9.5	8.5	8.5	25
	26	Travel Speed (No Load)	km/h	10.0	9.0	9.0	26
	27	Lifting Speed (Full Load)	mm/s	240	240	240	27
	28	Max gradeability (Full Load)	%	10	10	10	28
	29	Total Weight (Contains the battery)	Kg	2450	2680	2780	29
	30	Front×2		250x85	250x120	250x120	30
	31	Rear×1		343x114	343x135	343x135	31
	32	Balance×2		178x76	178x76	178x76	32
Drive	33	Diver Motor	kw	6	6	6	33
	34	Pump Motor	kw	9.2	11	11	34
	35	Battery (Standard)	V/Ah	48/375	48/450	48/450	35
	36	Steering System		Electronic Power Steering			36
	37	Service Brake		Electromagnetic brake			37
	38	Controller Type		AC			38
	39	Controller Manufacturer		ZAPI			39
	40	Operating Pressure	Mpa	20.6			40

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.





Reach Truck (Sit-On)

capacity 1,600 to 2,000kg

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)			Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)	
						Lowered	Extended		Without Backrest	With Backrest			
			FBR516	FBR518	FBR520		FBR516/18/20	FBR516/18/20/20H				FBR516/18/20	FBR516/18/20/20H
Wide View Mast	RM300	3000	1600	1800	2000	2201	3705	4040	380	380	3-5	2900	3100
	RM330	3300	1600	1800	2000	2351	4005	4340	380	380	3-5	2940	3145
	RM350	3500	1600	1800	2000	2451	4205	4540	380	380	3-5	2970	3175
	RM370	3700	1600	1800	2000	2551	4405	4740	380	380	3-5	2990	3190
	RM400	4000	1600	1800	2000	2751	4755	5040	380	380	3-5	3015	3115
	RM430	4300	1600	1800	2000	2901	5055	5340	380	380	3-5	3035	3135
	RM450	4500	1600	1800	2000	3001	5255	5540	380	380	3-5	3050	3155
3-Stage Full Free Wide View Mast	RTFM430	4300	1600	1800	2000	1998	4910	5340	1400	975	3-5	3495	3700
	RTFM450	4500	1600	1800	2000	2048	5060	5540	1500	1075	3-5	3545	3750
	RTFM470	4700	1600	1800	2000	2098	5210	5740	1600	1175	3-5	3595	3800
	RTFM500	5000	1600	1800	2000	2198	5510	6040	1700	1275	3-5	3645	3850
	RTFM550	5500	1600	1800	2000	2398	6110	6540	1800	1375	3-5	3725	3930
	RTFM600	6000	1600	1800	2000	2598	6610	7040	2000	1575	3-5	3745	3950
	RTFM650	6500	1415	1580	1745	2748	7060	7540	2200	1775	3-5	3765	3970
	RTFM700	7000	1230	1360	1490	2948	7660	8060	2300	1875	3-5	3795	4000
	RTFM750	7500	1045	1140	1235	3148	8160	8540	2500	2075	3-5	3845	4050
	RTFM800	8000	860	920	980	3313	8655	9040	2670	2235	3-5	3875	4080
	RTFM850	8500	675	700	725	3483	9155	9540	2840	2405	3-5	3905	4110
	RTFM900	9000	*1000	*1100	*1200	*3880	—	*10030	—	*2845	*3-5	*4300	*4400
RTFM1000	10000	*700	*8000	*900	*4235	—	*11030	—	*3200	*3-5	*4680	*4780	

With side shifter, load capacity subtract 200Kg.

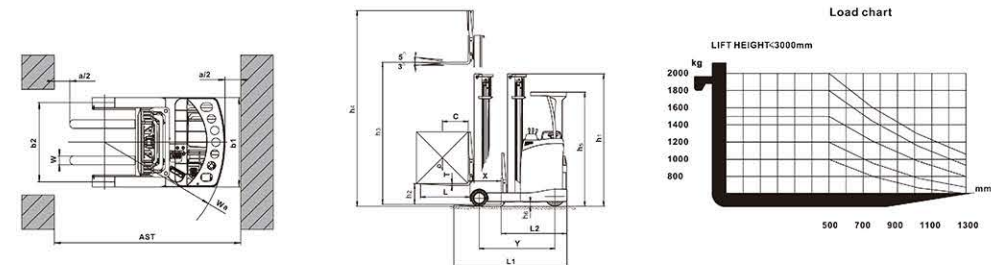
* (Asterisk) is for double front wheels model.

MAIN SPECIFICATIONS

Specification	1	Manufacturer						1
	2	Model		FBR516-AZ1	FBR518-AZ1	FBR520-AZ1	FBR520H-AZ1	2
	3	Power		Battery	Battery	Battery	Battery	3
	4	Operation		Sit-on	Sit-on	Sit-on	Sit-on	4
	5	Rated Load Capacity	Q (kg)	1600	1800	2000	2000	5
	6	Load Centre	C (mm)	500	500	500	500	6
	7	Lift Height	H ₁ (mm)	3000	3000	3000	9000	7
	8	Free Lift	H ₂ (mm)	380	380	380	2845	8
	9	Fork Size (L×W×T)	mm	920x120x35	1070x120x40	1070x120x40	1070x120x40	9
	10	F/B(a°/8°)	Deg	3°/5°	3°/5°	3°/5°	3°/5°	10
Dimension	11	Overall Length	L ₁ (mm)	2565	2635	2635	2735	11
	12	Main Body Length	L ₂ (mm)	1460	1530	1530	1565	12
	13	Width	B ₁ (mm)	1270	1270	1270	1270	13
	14	Mast Lowered Height	H ₁ (mm)	2201	2201	2201	3880	14
	15	Mast Extended Height (With Backrest)	H ₄ (mm)	4040	4040	4040	10030	15
	16	Overhead Guard Height	H ₅ (mm)	2220	2220	2220	2220	16
	17	Turning Radius	Wa (mm)	1820	1820	1820	1920	17
	18	Ground Clearance	H ₆ (mm)	78	78	78	78	18
	19	Reach Distance	X (mm)	560	488	488	560	19
	20	Wheelbase	Y (mm)	1500	1500	1500	1600	20
	21	Front Tread	B ₂ (mm)	1160	1160	1160	1160	21
	22	Working Aisle Width With Pallet (1000×1200,1200 Lengthways)	As _t (mm)	2930	2980	2980	3000	22
23	Working Aisle Width With Pallet (800×1200,800 Lengthways)	As _t (mm)	2990	3050	3050	3055	23	
Performance	24	Travel Speed (Full Load)	km/h	9.5	9.2	8.5	8.5	24
	25	Travel Speed (No Load)	km/h	10	10	9	9	25
	26	Lifting Speed (Full Load)	mm/s	230	220	210	210	26
	27	Max gradeability (Full Load)	%	12	12	10	10	27
	28	Total Weight (Contains the battery)	kg	2900	3100	3100	4815	28
	29	Front×2		310x100	310x100	310x100	310x100	29
	30	Rear×1		343x135	343x135	343x135	343x135	30
	Drive	31	Diver Motor	kw	6	6	6	6
32		Pump Motor	kw	11	11	11	11	32
33		Battery (Standard)	V/Ah	48/420	48/560	48/560	48/560	33
34		Steering System		Electronic Power Steering				34
35		Service Brake		Electromagnetic Brake				35
36		Controller Type		AC	AC	AC	AC	36
37		Controller Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	37
38		Operating Pressure		20.6	20.6	20.6	20.6	38

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.

UN Forklift retains the right to interpret.





VNA MAN-DOWN
capacity 1,300kg

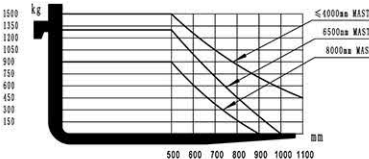
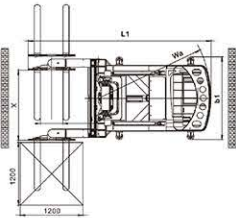
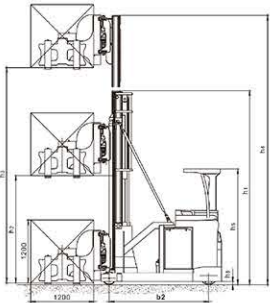
MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 600mm) (kg)	Overall Height (mm)		Free Lift (mm)	Total Weight (kg)
				Lowered	Extended		
			FBAP13	1.3t	1.3t	1.3t	FBAP13
3-Stage Full Free Wide View Mast	VTFM450	4500	1300	2533	5544	1522	5480
	VTFM500	5000	1300	2700	6046	1689	5530
	VTFM550	5500	1300	2867	6548	1856	5580
	VTFM600	6000	1300	3034	7046	2023	5700
	VTFM700	7000	1150	3348	8046	2357	5780
	VTFM800	8000	1000	3700	9046	2689	5900
	VTFM900	9000	850	4034	10046	3023	6000
	VTFM1000	10000	700	4368	11046	3357	6200

MAIN SPECIFICATIONS

Specification	1	Manufacturer		ln	1
	2	Model		FBAP13-AZ1	2
	3	Power		Battery	3
	4	Operation		Sit-on	4
	5	Rated Load Capacity	Q (kg)	1300	5
	6	Load Centre	C (mm)	600	6
	7	Rated Lift Height	H ₀ (mm)	4500	7
	8	Fork Size (L×W×T)	mm	1220x120x40	8
Dimension	9	Overall Length	L ₁ (mm)	4250/3615	9
	10	Overall Width	B ₁ (mm)	1580	10
	11	Mast Lowered Height	H ₁ (mm)	2535	11
	12	Mast Extended Height (With Backrest)	H ₄ (mm)	7046	12
	13	Height to Safeguard	H ₅ (mm)	2220	13
	14	Min. Turning Radius	W _a (mm)	2270	14
	15	Ground Clearance	H ₆ (mm)	35	15
	16	Side shifter distance	X (mm)	1340	16
	17	Fork Side Time	s	8	17
	18	Fork Rotation Angle	Deg	180	18
	19	Fork Rotation Time	s	8	19
	20	Wheelbase	B ₂ (mm)	1950	20
Performance	21	Min. Turning Aisle Width (1200X1200)	Ast (mm)	4125	21
	22	Working Aisle Width	Au (mm)	1700	22
	23	Travel Speed (Full Load)	km/h	9	23
	24	Travel Speed (No Load)	km/h	9.5	24
	25	Lifting Speed (Full Load)	mm/s	220	25
	26	Lifting Speed (No Load)	mm/s	250	26
	27	Total Weight (Include Battery Box)	kg	5480	27
	28	Front Tyre×2 (Polyurethane)		250×110×4	28
	29	Rear Tyre×1 (Polyurethane)		343×135	29
Drive	30	Drive Motor	kw	6	30
	31	Lift Motor	kw	11	31
	32	Standard Battery	V/Ah	48/840	32
	33	Steering System		Electronic	33
	34	Service Brake		Electromagnetic	34
	35	Height Control		Automatic	35
	36	Controller Type		AC	36
	37	Controller Manufacturer		ZAPI	37
	38	Operating Pressure for Attachment	Mpa	20	38

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.
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Attachments

UN FORKLIFT can offer a variety of hydraulic attachments to meet your demand for different working conditions.



Bale Clamp



Block Clamp 1



Block Clamp 2



Block Clamp 3



Carpet Boom



Drum Clamp



Multi-purpose Clamp



Paper Roll Clamp 1



Paper Roll Clamp 2

Option Availability

Counterbalanced IC Forklift Truck

- Two Stage Full Free Mast
- Three Stage Full Free Mast
- Fork Extensions
- Widen Backrest or Carriage
- Air Clearner
- Muffler
- Double Front Pneumatic Tyres
- Double Front Solid Tyres
- Solid Tyre with Holes
- Wind Screen
- Vertical Exhaust
- Fire Extinguisher
- Double Air Filters
- Full Operator Cabin&Semi Cabin
- Suspension Seat
- Heater & Air Conditioner
- Cascade Side Shifter
- Fork Positioner
- OPS System
- LED lights
- Tyre Options(Solid tyre, double tyre,non-marking solid tyre,super elastic tyre)
- 3rd Valve & Pipe
- 4th Valve & Pipe

Counterbalanced Electric Forklift Truck

- Two Stage Full Free Mast
- Three Stage Full Free Mast
- Fork Extensions
- Widen Backrest or Carriage
- Full Operator Cabin & Semi Cabin
- Suspension Seat
- Heater & Air Conditioner
- Side Shifter
- Mast Top Limited System
- OPS System
- LED lights
- Tyre Options(Solid tyre, double tyre,non-marking solid tyre,super elastic tyre)
- Cold Storage Type
- Automatic Water Filling System
- Battery Charger
- Fire Extinguisher
- Camera & Display
- 3rd Valve & Pipe
- 4th Valve & Pipe

 UN Option Availability

More option availability, please contact with salesman at UN FORKLIFT.