



# Diesel Forklift Truck

with capacities of 5,000 to 10,000 kgs

**EQUIP**MAX  
EQUIPMENTS . PARTS . SERVICE

# Heavy Duty Diesel Forklift 5.0-10.0 Ton

5.0-10.0 ton heavy duty diesel forklift trucks are designed for high performance, maximum efficiency and lowest possible operating cost. Its robust components enable the forklift to operate over the rough terrain with excellent maneuverability.

## Reliability



Powerful engine: 6-cylinder engine with low noise and minimal vibration. The high torque and high output at low rpm to make sure the high performance.



Excellent cooling system: Advanced cooling technology matching with large-capacity water tank and large exhaust window improve cooling channel effectively.



Strengthened and tough axles & large turning angle: Make it efficient and flexible handling and steering.



The accumulator in brake system with full of compression energy. It can be changed to hydraulic energy immediately to the brake system and makes the brake prompt respond and more smoothly.

## Safety



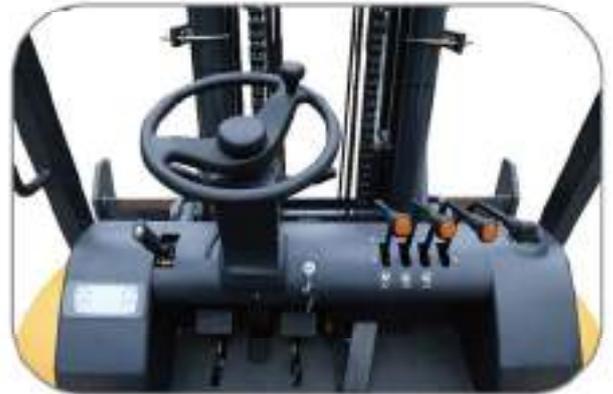
High intensity overhead guard guarantees the operator's safety.



Heavy duty welded mast: Wide designed with good visibility, and ensures its excellent forward visibility, improves working efficiency and the safety.



## Comfort



Adjustable seat, adjustable steering wheel, large foot space and wide operation space can provide the maximum comfort and let the driver enjoy the process of work.



Intelligent instrument panel(fuel level, hour meter, water temperature, engine oil indicator, charger indicator, preheating indicator, oil filter alarm, forward, reverse and neutral direction indicators)

Low, large and anti skid

## Easy Service and Maintenance



Wide opening engine hood for easy servicing.



Optimization internal layout for improved serviceability.



Rear cover available to be opened for easy radiator cleaning.

# Diesel Forklift 4.0-5.0T

## MAIN SPECIFICATIONS

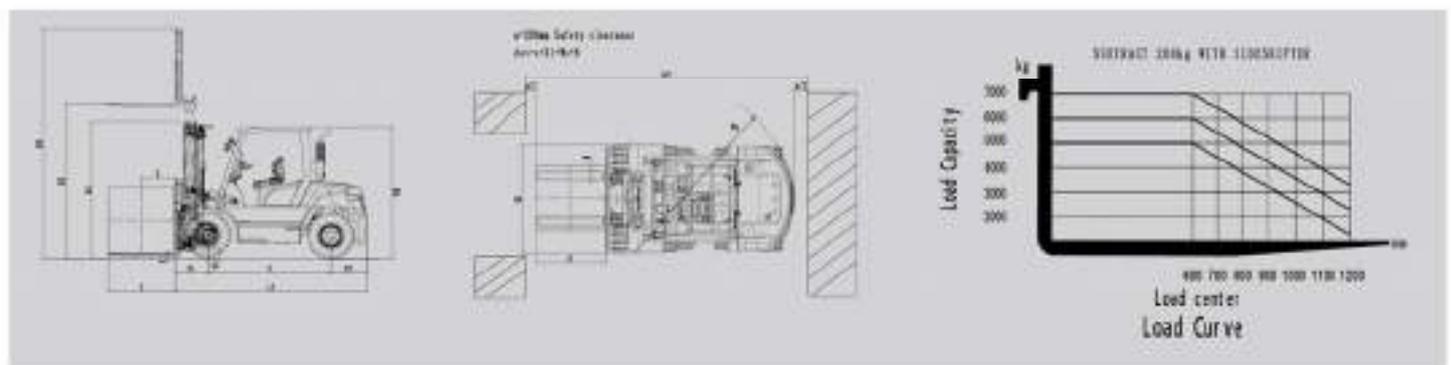
		<b>EQUIPMAX</b>							
General	1	Manufacturer							
	2	Model	FD40T-L	FD45T-L	FD50T-L	FD40T-JK	FD45T-JK	FD50T-JK	
	3	Power Type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
	4	Rated Load Capacity	Q(kg)	4000	4500	5000	4000	4500	5000
	5	Load Centre	C(mm)	500	500	500	500	500	500
Characteristic & Dimension	6	Rated Lift Height	H3(mm)	3000	3000	3000	3000	3000	3000
	7	Free Lift Height	H2(mm)	84	84	84	84	84	84
	8	Fork Size (L×W×T)	mm	1070×150×50	1070×150×50	1070×150×50	1070×150×50	1070×150×50	1070×150×50
	9	Mast Til. Angle (F/R, °/8°)	deg	4°/12°	4°/12°	4°/12°	4°/12°	4°/12°	4°/12°
	10	Fork Overhang (Wheel Center to Fork Face)	X1(mm)	570	570	570	570	570	570
	11	Rear Overhang	X2(mm)	550	570	614	550	570	614
	12	Ground Clearance (Bottom of Mast)	H7(mm)	175	175	175	175	175	175
	13	Length to Face of Fork (Without Fork)	L1(mm)	3091	3091	3125	3091	3091	3125
	14	Overall Width	B1(mm)	1485	1485	1485	1485	1485	1485
	15	Mast Lowered Height	H10(mm)	2260	2260	2260	2260	2260	2260
	16	Mast Extended Height (With Backrest)	H4(mm)	4264	4264	4264	4264	4264	4264
	17	Overhead Guard Height	H5(mm)	2240	2240	2240	2240	2240	2240
	18	Turning Radius (Outside)	W(mm)	2790	2790	2830	2790	2790	2830
	19	Min. Axle width for pallets	A2(mm)	660	660	680	660	660	680
Performance	20	Travel Speed (No Load)	km/h	22	22	22	22	22	22
	21	Lifting Speed (Full Load)	mm/sec	450	450	430	450	450	430
	22	Lowering Speed (Full Load)	mm/sec	480	480	480	480	480	480
	23	Max. Drawbar Pull (Full Load)	kN	>21	>21	>21	>21	>21	>21
	24	Max. Gradeability (Full Load)	%	±20%	±20%	±20%	±20%	±20%	±20%
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
	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
	27	Front Tread	B2(mm)	1180	1180	1180	1180	1180	1180
	28	Rear Tread	B3(mm)	1190	1190	1190	1190	1190	1190
	29	Wheelbase	Y(mm)	2000	2000	2000	2000	2000	2000
Weight	30	Total Weight	kg	4400	4800	5100	4400	4800	5100
	31	Front Axle Weight Distribution (Full Load)	kg	900	970	1050	900	970	1050
	32	Rear Axle Weight Distribution (Full Load)	kg	1590	1590	1600	1590	1590	1600
	33	Front Axle Weight Distribution (No Load)	kg	2750	2710	2680	2750	2710	2680
	34	Rear Axle Weight Distribution (No Load)	kg	3850	4090	4420	3850	4090	4420
Power & Transmission	35	Battery	V/Ah	24/80	24/80	24/80	24/80	24/80	24/80
	36	Engine Model		LR4B3-22	LR4B3-22	LR4B3-22	1104D-44 (Eu III)	1104D-44 (Eu III)	1104D-44 (Eu III)
	37	Engine Manufacturer		YTO	YTO	YTO	Perkins	Perkins	Perkins
	38	Rated Output / r.p.m.	kw	57/2200	57/2200	57/2200	54/2200	54/2200	54/2200
	39	Rated Torque / r.p.m.	N.m	285/1300-1500	285/1300-1500	285/1300-1500	260/1650	260/1650	260/1650
	40	No. of Cylinder		4	4	4	4	4	4
	41	Bore x Stroke	mm	100x125	100x125	100x125	100x127	100x127	100x127
	42	Displacement	L	4.578	4.578	4.578	4.44	4.44	4.44
	43	Fuel Tank Capacity	L	90	90	90	90	90	90
	44	Transmission Type		Hydra	Hydra	Hydra	Hydra	Hydra	Hydra
	45	Transmission Stage (FWD/RVS)		2/1	2/1	2/1	2/1	2/1	2/1
46	Operating Pressure (For Attachments)	Mpa	19	19	19	19	19	19	

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

# Diesel Forklift 5.0-7.0T

## MAIN SPECIFICATIONS

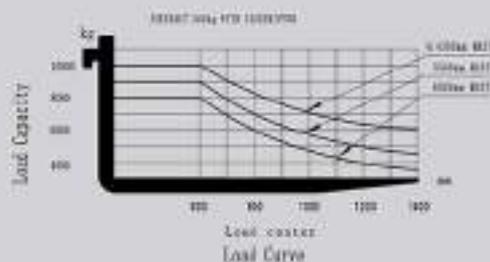
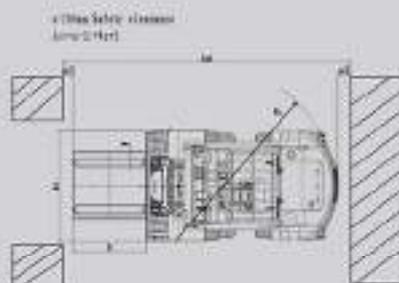
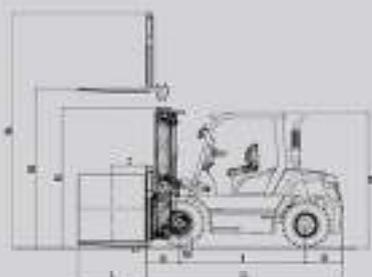
General	1	Model	FD60T-H	FD60T-H	FD70T-H	FD60T-JF	FD60T-JF	FD70T-JF			
	2	Power Type	Diesel								
3	Rated Load Capacity	Q(kg)	5000	6000	7000	5000	6000	7000			
4	Load Centre	Q(mm)	600								
Characteristic & Dimension	5	Rated Lift Height	H3(mm)						3000		
	6	Free Lift Height	H2(mm)						152		
	7	Fork Size (L×W×T)	mm		1220×150×60	1220×150×65	1220×150×60		1220×150×65		
	8	Mast Tilt Angle (F/R, α°/β°)	deg						6°/12°		
	9	Fork Overhang (Wheel Center to Fork Face)	X1(mm)						585		
	10	Rear Overhang	X2(mm)		640	720	640		720		
	11	Ground Clearance (Bottom of Mast)	H7(mm)						200		
	12	Length to Face of Fork (Without Fork)	L1(mm)		3510	3590	3510		3590		
	13	Overall Width	B1(mm)						1395		
	14	Mast Lowered Height	H1(mm)		2515	2615	2515		2615		
	15	Mast Extended Height (With Backrest)	H4(mm)						4437		
	16	Overhead Guard Height	H5(mm)						2415		
	Performance	17	Turning Radius (Outside)	W4(mm)		3280	3360	3280		3360	
18		Wheelbase	Y(mm)						2250		
19		Front Tread	mm						1470		
20		Rear Tread	mm						1700		
21		Min Axle width for pallets	A20(mm)		5280	5365	5280		5365		
22		Travel Speed (No Load)	km/h						20		
Weight	23	Lifting Speed (Full Load)	mm/sec		400	330	500		460		
	24	Max Gradeability (Full Load)	%		32	27	24		35	32	29
	25	Max Drawbar Pull (Full Load)	KN		53	52	53		52		
Power & Transmission	26	Total Weight	kg		7980	8640	9050		7980	8640	9050
	27	Front Axle Weight Distribution (Full Load/No Load)	kg		11680/4010	13050/3880	14570/3880		11680/4010	13050/3880	14570/3880
	28	Rear Axle Weight Distribution (Full Load/No Load)	kg		1320/3970	1690/4760	1780/5490		1320/3970	1690/4760	1780/5490
Power & Transmission	29	Battery	V/Ah						24/90		
	30	Engine Model	6102BG6			A-6BG1QC					
	31	Engine Manufacturer	CHAOCHAI			ISUZU					
	32	Rated Output / r.p.m.	kw		80.9/2500	82/2000					
	33	Rated Torque / r.p.m.	N.m		353/1650	416/1400-1600					
	34	No. of Cylinder	6								
	35	Bore × Stroke	102 × 114			105 × 125					
	36	Transmission Type	PowerShift								
	37	Transmission Stage (FWD/RVS)	2/2								
	38	Operating Pressure (For Attachments)	Mpa		17						



# Diesel Forklift 8.0-10.0T

## MAIN SPECIFICATIONS

General	1	Model		FD80T-H	FD100T-H	FD80T-JF	FD100T-JF	FD80T-JI	FD100T-JI
	2	Power Type		Diesel					
	3	Rated Load Capacity	Q(kg)	8000	10000	8000	10000	8000	10000
	4	Load Centre	C(mm)	600					
Characteristic & Dimension	5	Rated Lift Height	H3(mm)	3000					
	6	Free Lift Height	H2(mm)	120					
	7	Fork Size (L×W×T)	mm	1220×175×75	1220×175×90	1220×175×75	1220×175×80	1220×175×75	1220×175×80
	8	Mast Tilt Angle (F/R, α/β°)	deg	6°/12°					
	9	Fork Overhang (Wheel Center to Fork Face)	X1(mm)	721					
	10	Rear Overhang	X2(mm)	760					
	11	Ground Clearance (Bottom of Mast)	H7(mm)	250					
	12	Length to Face of Fork (Without Fork)	L1(mm)	4040	4270	4040	4270	4040	4270
	13	Overall Width	B1(mm)	2165					
	14	Mast Lowered Height	H1(mm)	2695	2945	2695	2945	2695	2945
	15	Mast Extended Height (With Backrest)	H4(mm)	4020	4260	4020	4260	4020	4260
	16	Side Shift	X0(mm)	340-2000	440-2140	340-2000	440-2140	340-2000	440-2140
	17	Overhead Guard Height	H5(mm)	2520	2540	2520	2540	2520	2540
	18	Wheelbase	Y(mm)	2500	2800	2500	2800	2500	2800
	19	Turning Radius (Outside)	W0(mm)	3700	3900	3700	3900	3700	3900
	20	Min. Aisle width for pallets	A0(mm)	5845	6045	5845	6045	5845	6045
Performance	21	Travel Speed (No Load)	km/h	20					
	22	Lifting Speed (Full Load)	mm/sec	380	310	380	310	380	310
	23	Lowering Speed (Full Load)	mm/sec	480	500	480	500	480	500
	24	Max. Drawbar Pull (Full Load)	KN	58	57	58	57	58	57
	25	Max. Gradesability (Full Load)	%	≤20					
Weight	26	Total Weight	kg	11850	12900	11850	12900	11850	12900
	27	Front Axle Weight Distribution (Full Load/No Load)	kg	17800/4740	20610/5660	17800/4740	20610/5660	17800/4740	20610/5660
	28	Rear Axle Weight Distribution (Full Load/No Load)	kg	2050/7110	2290/6240	2050/7110	2290/6240	2050/7110	2290/6240
Power & Transmission	29	Battery	V/Ah	24/90					
	30	Engine Model		6102B06		A-66G1QC		QSB4.5 (EUI & EPAIII)	
	31	Engine Manufacturer		CHAOYAI		ISUZU		CUMMINS	
	32	Rated Output / (l.p.m.)	kw	80.9/2500		82/2000		82/2200	
	33	Rated Torque / (l.p.m.)	N.m	353/1650		416/1400-1600		480/1500	
	34	No. of Cylinder		6				4	
	35	Bore x Stroke		102×118		105×125		107×124	
	36	Transmission Type		Powershift					
	37	Transmission Stage (FWD/RVS)		2/2					
	38	Operating Pressure (For Attachments)	Mpa	17					



## 5.0-7.0 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg) Load Center 600mm									Overall Height (mm)				Free Lift (mm)				Tilt Angle	Total Weight (kg)		
			Lowered			Extended			Lowered			Extended		Without Backrest	With Bracket	Without Backrest	With Bracket	5.0t/6.0t	7.0t		5.0t	6.0t	7.0t
						Without Backrest	With Backrest	Without Backrest				With Backrest											
			5.0t	6.0t	7.0t	5.0t/6.0t			7.0t			5.0t/6.0t		7.0t									
2-Stage Wide View Mast	M300	3000	5000	6000	7000	2515	3967	4437	2615	4067	4437	152	152	6-12	7980	8640	9350						
	M330	3300	5000	6000	7000	2865	4267	4737	2765	4367	4737	152	152	6-12	8025	8685	9395						
	M350	3500	5000	6000	7000	2765	4467	4937	2865	4567	4937	152	152	6-12	8065	8715	9425						
	M370	3700	5000	6000	7000	2890	4667	5137	2990	4767	5167	152	152	6-12	8095	8750	9480						
	M400	4000	5000	6000	7000	3065	4967	5437	3165	5067	5437	152	152	6-12	8145	8805	9515						
	M430	4300	5000	6000	7000	3165	5267	5737	3265	5367	5837	152	152	6-12	8175	8835	9545						
	M450	4500	5000	6000	7000	3315	5467	5937	3415	5567	5937	152	152	6-12	8315	8975	9685						
	M470	4700	5000	6000	7000	3440	5667	6137	3540	5767	6167	152	152	6-6	8350	9010	9720						
	M500	5000	5000	6000	7000	3565	5967	6437	3665	6067	6437	152	152	6-6	8390	9050	9760						
	M550	5500	4750	5700	6800	3965	6467	6937	3965	6567	6937	152	152	3-6	8570	9230	9940						
3-Stage Full Free Wide View Mast	M600	6000	4400	5400	6400	4115	6967	7437	4215	7067	7437	152	152	3-6	8645	9305	10015						
	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	6500	2675	5612	5937	2775	5612	5937	1544	1230	1544	1330	6-6	8580	9240	9970				
	TFM470	4700	4500	5600	6500	2775	5812	6137	2875	5812	6137	1644	1330	1644	1430	6-6	8625	9285	10015				
	TFM500	5000	4500	5600	6500	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	1660	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				

Note: With separated side shifter, load capacity subtract 350kg. With integrated side shifter, load capacity subtract 100kg.  
\*Double front wheels are standard.

## 8.0T MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg) Load Center 600mm		Overall Height (mm)		Free Lift (mm)	Tilt Angle (F/R)	Total Weight (kg)	
			8.0t		8.0t				8.0t	
			Lowered	Extended	Lowered	Extended	Lowered	Extended		
2-Stage Wide View Mast	M300	3000	8000	2895	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		

## 10.0T MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg) Load Center 600mm		Overall Height (mm)		Free Lift (mm)	Tilt Angle (F/R)	Total Weight (kg)	
			10.0t		10.0t				10.0t	
			Lowered	Extended	Lowered	Extended	Lowered	Extended		
2-Stage Wide View Mast	M250	2500	10000	2595	3785	140	6-12	12805		
	M300	3000	10000	2845	4285	140	6-12	12900		
	M330	3300	10000	2995	4585	140	6-12	12955		
	M350	3500	10000	3095	4785	140	6-12	12995		
	M400	4000	10000	3395	5320	140	6-12	13240		
	M450	4500	10000	3645	5820	140	6-6	13330		
	M470	4700	10000	3770	6070	140	6-6	13380		
	M500	5000	10000	3895	6320	140	6-6	13425		
	M550	5500	9000	4195	6870	140	3-6	13670		
	M600	6000	8000	4445	7370	140	3-6	13765		
3-Stage Full Free Wide View Mast	TFM400	4000	8000	2695	5335	1325	6-12	13545		
	TFM430	4300	8000	2815	5695	1445	6-12	13610		
	TFM450	4500	7800	2865	5845	1495	6-12	13650		
	TFM470	4700	7500	2965	6145	1595	6-6	13710		
	TFM500	5000	7000	3030	6340	1690	6-6	13735		
	TFM550	5500	7000	3220	6760	1850	3-6	13860		
	TFM600	6000	6000	3420	7380	2050	3-6	14115		

Note: With integrated side shifter, load capacity subtract 200kg.  
\*Double front wheels and pin type forks are standard.

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