

FORKLIFT

TF50D-H

DIESEL

A powerful diesel machine that can lift up to 5 tons of weight, making it suitable for a variety of heavy-duty applications



TUBOSHU

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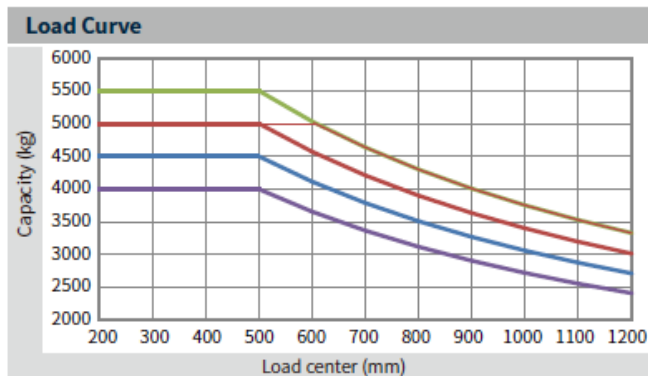
CHARACTERISTICS			
Manufacturer			TUBOSHU
Model			TF50-D
Configuration Number			TUCPCD50M4XK2UK
Power Mode			Diesel
Rated Capacity		kg	5000
Load Center		mm	500 mm
Driving Mode			Seated
Front Overhang	x	mm	560
Wheelbase	y	mm	2100
Weight		kg	6750
DIMENSIONS			
Mast Tilt Angle (Fwd/Bwd)	α/β	°	6/12
Height (mast lowered)	h1	mm	2225
Free Lifting Height	h2	mm	150
Lifting Height (standard)	h3	mm	3000
Max Height Extended (with backrest)	h4	mm	4240
Height of Overhead Guard	h6	mm	2350
Seat Height Relating to SIP (to ground)	h7	mm	1270
Towing Coupling Height	h10	mm	295
Ground Clearance (between mast)	m1	mm	150
Overall Length (with fork)	L1	mm	4320
Overall Length (without fork)	L2	mm	3250
Overall Width	b1	mm	1530
Distance Across Fork-Arms Max/Min	b5	mm	300-1374
Fork Size : thickness x width x length	s/e/l	mm	50x150x1070
Tread, Front	b10	mm	1230
Tread, Rear	b11	mm	1190
Right Angle Stacking Aisle Width for Pallet 1000x1200 mm	Ast	mm	4690
Min. Outside Turning Radius	Wa	mm	2930
WHEELS			
Wheels Number front/rear (x=driven wheels)			2 x 2
Tyre Type			Pneumatic
Tyre Size / Front			300-15-18PR
Tyre Size / Rear			7.00-12-14PR
Double-Tyre Size (front/rear)			8.25-15-14PR/7.00-12-14PR
OTHER DATA			
Service Brake	Vacuum assisted braking pedal type (mechanical truck) Hydraulic assisted braking pedal type (hydrodynamic truck)		
Parking Brake			Mechanical-Hand Lever
Fuel Tank Capacity		L	120
Operating Pressure for Attachements		mpa	23.5
PERFORMANCE PARAMETER			
Transmission Gears (front/rear)			Forward 2 / Backward 1
Travel Speed (laden/unladen)		km/h	24/25
Lift Speed (laden/unladen)		mm/s	530/560
Max. Drawbar Pull (laden/unladen)		kN	33
Max. Gradeability (laden/unladen)		%	26/20

ENGINE MODEL AND MAIN SPECIFICATIONS					
ENGINE MODEL	RATED POWER/ ROTATING SPEED (kW/rpm)	RATED POWER/ ROTATING SPEED (nM/rpm)	ENGINE DISPLACEMENT (LITERS)	CYLINDER NUMBER BORE x STROKE	EMISSION STANDARD
Mitsubishi S6S	52/2300	248/1700	4.996	6-94x115	CHINA III / EURO IIIA

5T-WIDE VIEW STANDARD MAST						
MAST MODEL	MAX FORK HEIGHT mm	LOAD CAPACITY (LOAD CENTER 500mm) (kg)	SERVICE WEIGHT (KG)	MAST OVERALL HEIGHT (FORK TO THE GROUND)	FREE LIFTING HEIGHT (WITH BACKREST)	MAST TILT ANGLE α/β (°)
		5T	5T	5T	5T	5T
M250	2600	5000	6845	1975	150	6/12
M275	2700	5000	6895	2115	150	6/12
M300	3000	5000	6920	2225	150	6/12
M330	3300	5000	6955	2375	150	6/12
M350	3500	5000	6980	2475	150	6/12
M370	3700	5000	7000	2575	150	6/12
M400	4000	5000	7125	2825	150	6/6
M425	4250	5000	7155	2950	150	6/6
M450	4500	4700*5000	7180	3075	150	6/6
M475	4750	4500*5000	7210	3200	150	6/6
M500	5000	4250*4600	7240	3325	150	6/6
M550	5500	4000*4200	7310	3625	150	6/6
M600	6000	*3800	7365	3875	150	6/6

5T-FULL FREE 2-STAGE MAST						
MAST MODEL	MAX FORK HEIGHT mm	LOAD CAPACITY (LOAD CENTER 500mm) (kg)	SERVICE WEIGHT (KG)	MAST OVERALL HEIGHT (FORK TO THE GROUND)	FREE LIFTING HEIGHT (WITH BACKREST)	MAST TILT ANGLE α/β (°)
		5T	5T	5T	5T	5T
ZM250	2500	5000	6935	1990	780	6/12
ZM275	2750	5000	6980	2130	920	6/12
ZM300	3000	5000	7005	2240	1030	6/12
ZM330	3300	5000	7050	2390	1180	6/12
ZM350	3500	5000	7075	2490	1280	6/12
ZM370	3700	5000	7105	2590	1380	6/12
ZM400	4000	5000	7225	2790	1580	6/6

5T-FULL FREE 3-STAGE MAST						
MAST MODEL	MAX FORK HEIGHT mm	LOAD CAPACITY (LOAD CENTER 500mm) (kg)	SERVICE WEIGHT (KG)	MAST OVERALL HEIGHT (FORK TO THE GROUND)	FREE LIFTING HEIGHT (WITH BACKREST)	MAST TILT ANGLE α/β (°)
		5T	5T	5T	5T	5T
ZSM360	3600	4800*5000	7255	1940	730	6/6
ZSM400	4000	4800*5000	7310	2080	870	6/6
ZSM435	4350	4800*5000	7350	2190	980	6/6
ZSM450	4500	4800*5000	7375	2240	1030	6/6
ZSM470	4700	4500*4800	7415	2305	1095	6/6
ZSM500	5000	4200*4500	7455	2440	1230	6/6
ZSM540	5400	3800*4200	7515	2590	1380	6/6
ZSM600	6000	*3800	7660	2790	1580	6/6
ZSM650	6500	*3200	7735	2990	1780	3/3
ZSM700	7000	*2500	7800	3165	1955	3/3



Note: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load means a cubic with 1200mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

