

FD45T/FD50TS/FD50TF Technology Specification

Features	1	Manufacturer			TEU	TEU	TEU
	2	Model			FD45T	FD50TS	FD50TF
	3	Load capacity		kg	4500	5000	5000
	4	Load center		mm	600	500	600
	5	Power unit			Diesel	Diesel	Diesel
	6	Operator type			Driver/seat	Driver/seat	Driver/seat
	7	Tire type			Pneumatic	Pneumatic	Pneumatic
	8	Wheel	Front/rear		2/2	2/2	2/2
Dimension	9	Max. lifting height		mm	3000	3000	3000
	10	Free lift		mm	140	140	140
	11	Fork size	L*W*T	mm	1220*150*50	1070*150*50	1220*150*60
	12	Tilt range	Mast forward/backward	deg	6/12	6/12	6/12
	13	Overall length(without fork)		mm	3100	3100	3183
	14	Total width		mm	1485	1485	1485
	15	Mast height (fork lowering)		mm	2300	2300	2390
	16	Overall height fork raised	With backrest	mm	4190	4190	4295
	17	Height to head guard		mm	2270	2270	2270
	18	Turning radius(outside)		mm	2780	2780	2865
	19	Front face of fork to front axle		mm	560	560	560
20	Min. right angle stacking aisle pallet size :1100×1100 add clearance		mm	4585	4585	4670	
Performance	21	Speed	Max Travelling full/no load	km/h	18/19	18/19	18/19
	22		Lifting full/no load	mm/s	410/430	410/430	380/430
	23		Lowering full/no load	mm/s	380/340	380/340	380/340
	24	Max.drawbar pull	full/no load	kg	4500/2000	4500/2000	4500/2000
	25	Gradeability at 1.6km/h	full load	%	25	25	25
Weight	27	Truck weight		kg	7230	7230	7830
	28	Weight distribution	Full load front/rear	kg	10780/1290	10780/1290	10280/1790
	29		No load front/rear	kg	2780/4450	2780/4450	3330/4500
Frame	30	Tires	Number	front/rear	2/2	2/2	2/2
	31		Model	front axle	300-15-18PR	300-15-18PR	300-15-18PR
	32			rear axle	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
	33	Wheelbase		mm	2000	2000	2000
	34	Tread	Front/rear	mm	1180/1190	1180/1190	1180/1190
	35	Ground clearance	At lowest point(mast)	mm	100	100	100
			Frame	mm	240	240	240
	36	Brake	Service brake		power brake		
Parking brake				Mechanical-hand lever			
Engine	37	Battery	Voltage/capacity	V/AH	2-12/80	2-12/80	2-12/80
	38	Engine	Model		YTO 4108	MITSUBISHI S6S	MITSUBISHI S6S
			Rated power	kw/rpm	57/2200	52/2300	52/2300
			Rated torque	N-m/rpm	297/1600	248/1700	248/1700
			Number of cylinders		4	6	6
			Displacement	L	4.578	4.996	4.996
	39	Fuel tank capacity		L	80	80	80
40	Transmission	shift stage(front/rear-type)		2-1 power shift T/M			
41	Operating pressure	Hydraulic system pressure	kg/cm ²	200	200	200	