

GENERAL		
Manufacturer		UN
Model		FD45T
Power Type		Diesel
Rated Load Capacity	Q (kg)	4500
Load Centre	C (mm)	500
Rated Lift Height	H3 (mm)	3000
CHARACTERISTICS & DIMENSIONS		
Free Lift Height	H2 (mm)	150
Fork Size (L x W x T)	mm	1070 x 150 x 50
Mast Tilt Angle (F/R)	deg	6 / 12
Fork Overhang (Wheel Centre to Fork Face)	X1 (mm)	571
Rear Overhang	X2 (mm)	605
Ground Clearance (Bottom of Mast)	H7 (mm)	140
Length to Face of Fork (Without Fork)	L1 (mm)	3265
Overall Width	B1 (mm)	1520
Mast Lowered Height	H1 (mm)	2250
Mast Extended Height (With Backrest)	H4 (mm)	4250
Overhead Guard Height	H5 (mm)	2370 (2260)
Turning Radius (Outside)	Wa (mm)	2930
Min. Aisle Width for Pallets	Ast (mm)	4690
PERFORMANCE		
Travel Speed (Full Load / No Load)	km/h	25 / 26
Lifting Speed (Full Load / No Load)	mm/sec	580 / 620
Lowering Speed (Full Load / No Load)	mm/sec	300 - 600
Max. Drawbar Pull (Full Load / No Load)	kN	41 / 25
Max. Gradeability (Full Load / No Load)	%	33 / 28
CHASSIS		
Tyre (Front x2)	mm	300-15-18PR
Tyre (Rear x2)	mm	7.00-12-12PR
Front Tread	B2 (mm)	1232
Rear Tread	B3 (mm)	1190
Wheelbase	Y (mm)	2100
WEIGHT		
Total Weight	kg	6510
Front Axle Weight Distribution (Full Load)	kg	9840
Rear Axle Weight Distribution (Full Load)	kg	1170
Front Axle Weight Distribution (No Load)	kg	3080
Rear Axle Weight Distribution (No Load)	kg	3430
POWER & TRANSMISSION		
Battery	V/Ah	24 / 90
Engine Model		S6S
Engine Manufacturer		Mitsubishi
Rated Output / rpm	kW	52 / 2300
Rated Torque / rpm	N-m	248 / 1700
No. of Cylinders		6
Bore x Stroke	mm	94 x 120
Displacement	L	4.996
Fuel Tank Capacity	L	110
Transmission Type		Hydraulic
Transmission Stage (FWD/RVS)		2 / 1
Operating Pressure (For Attachments)	MPa	23.5