

GENERAL		
Manufacturer		UN
Model		FD35T
Power Type		Diesel
Rated Load Capacity	Q (kg)	3500
Load Centre	C (mm)	500
Rated Lift Height	H3 (mm)	3000
CHARACTERISTICS & DIMENSIONS		
Free Lift Height	H2 (mm)	130
Fork Size (L x W x T)	mm	1070 x 122 x 50
Mast Tilt Angle (F/R)	deg	6 / 12
Fork Overhang (Wheel Centre to Fork Face)	X1 (mm)	472
Rear Overhang	X2 (mm)	600
Ground Clearance (Bottom of Mast)	H7 (mm)	125
Length to Face of Fork (Without Fork)	L1 (mm)	2772
Overall Width	B1 (mm)	1220
Mast Lowered Height	H1 (mm)	2115
Mast Extended Height (With Backrest)	H4 (mm)	4213
Overhead Guard Height	H5 (mm)	2190
Turning Radius (Outside)	Wa (mm)	2500
Min. Aisle Width for Pallets	Ast (mm)	4255
PERFORMANCE		
Travel Speed (No Load)	km/h	17 / 19
Lifting Speed (Full Load)	mm/sec	380 / 430
Lowering Speed (Full Load / No Load)	mm/sec	<=600 / <=300
Max. Drawbar Pull (Full Load / No Load)	kN	26 / 21
Max. Gradeability (Full Load)	%	20
CHASSIS		
Tyre (Front x2)	mm	28x9-15-12PR
Tyre (Rear x2)	mm	6.50-10-10PR
Front Tread	B2 (mm)	1000
Rear Tread	B3 (mm)	980
Wheelbase	Y (mm)	1700
WEIGHT		
Total Weight	kg	4832
Front Axle Weight Distribution (Full Load)	kg	7424
Rear Axle Weight Distribution (Full Load)	kg	908
Front Axle Weight Distribution (No Load)	kg	1909
Rear Axle Weight Distribution (No Load)	kg	2923
POWER & TRANSMISSION		
Battery	V/Ah	12 / 90
Engine Model		D04EG / V2403 / S4S / C240PKJ30 / D24 / 3E22YG51
Engine Manufacturer		Mitsubishi / Kubota / Mitsubishi / Isuzu / Hyundai / Xinchai
Rated Output / rpm	kW	36/2250 43.2/2400 35.3/2250 34.5/2500 48.2/2600 44.8/2400
Rated Torque / rpm	N-m	177/1800 198.5/1500 177/1700 139/1800 214/1600 210/1600-1800
No. of Cylinders		4
Displacement	cc	3331 / 2670 / 3331 / 2369 / 2392 / 2230
Fuel Tank Capacity	L	55
Transmission Type		Hydraulic
Transmission Stage (FWD/RVS)		1 / 1
Operating Pressure (For Attachments)	MPa	20.5