

GENERAL		
Manufacturer		UN
Model		FD70T
Power Type		Diesel
Rated Load Capacity	Q (kg)	7000
Load Centre	C (mm)	600
Rated Lift Height	H3 (mm)	3000
CHARACTERISTICS & DIMENSIONS		
Free Lift Height	H2 (mm)	191
Fork Size (L x W x T)	mm	1220 x 150 x 65
Mast Tilt Angle (F/R)	deg	6 / 12
Fork Overhang (Wheel Centre to Fork Face)	X1 (mm)	582
Rear Overhang	X2 (mm)	700
Ground Clearance (Bottom of Mast)	H7 (mm)	180
Length to Face of Fork (Without Fork)	L1 (mm)	3582
Overall Width	B1 (mm)	2045
Mast Lowered Height	H1 (mm)	2480
Mast Extended Height (With Backrest)	H4 (mm)	4378
Overhead Guard Height	H5 (mm)	2440
Turning Radius (Outside)	Wa (mm)	3340
Min. Aisle Width for Pallets	Ast (mm)	5125
PERFORMANCE		
Travel Speed (Full Load / No Load)	km/h	29 / 31
Lifting Speed (Full Load / No Load)	mm/sec	490 / 520
Lowering Speed (Full Load / No Load)	mm/sec	<=600 / <=300
Max. Drawbar Pull (Full Load)	kN	62
Max. Gradeability (Full Load / No Load)	%	32 / 20
CHASSIS		
Tyre (Front x4)	mm	8.25-15-14PR
Tyre (Rear x2)	mm	8.25-15-14PR
Front Tread	B2 (mm)	1520
Rear Tread	B3 (mm)	1700
Wheelbase	Y (mm)	2300
WEIGHT		
Total Weight	kg	9400
Front Axle Weight Distribution (Full Load)	kg	14740
Rear Axle Weight Distribution (Full Load)	kg	1660
Front Axle Weight Distribution (No Load)	kg	4020
Rear Axle Weight Distribution (No Load)	kg	5380
POWER & TRANSMISSION		
Battery	V/Ah	24 / 90
Engine Model		F3.8 / 6BG1 / 4J1
Engine Manufacturer		Cummins / Isuzu / Quanchai
Rated Output / rpm	kW	90/2200 82/2000 85/2200
Rated Torque / rpm	N-m	500/1500 416/1500 500/1320-1650
No. of Cylinders		4 / 6 / 4
Bore x Stroke	mm	102x115 105x125 105x124
Displacement	L	3.8 / 6.494 / 4.29
Fuel Tank Capacity	L	140
Transmission Type		Hydraulic
Transmission Stage (FWD/RVS)		2 / 2
Operating Pressure (For Attachments)	MPa	21