

FD50RT4 Model

5ton 4WD Rough Terrain Forklift

1	Model		FD50RT4
2	Power Type		Diesel
3	Rated Capacity	kg	5000
4	Load Center Distance	mm	500
5	Drive Type		4WD
Dimension			
6	Lifting Height	mm	(3-stage) 4000
7	Fork Size(L*W*H)	mm	1370×150×55
8	Mast inclination angle (F/R)	Deg	6\12
9	Overall Length (without fork)		3450
10	Overall Width	mm	1860
11	Mast lowered height	mm	2380
12	Head Guard Height	mm	2450
13	Ground Clearance	mm	310
14	Maximum Turning Radius	mm	3900
15	Wheelbase	mm	1950
16	Front wheel tread	mm	1570
17	Rear wheel tread	mm	1400
18	Self Weight	kg	7500
Performance			
19	Travel Speed	Km/h	30
20	Lifting Speed	mm/s	430
21	Lowering Speed	mm/s	460
22	Maxlimum Gradeability	%	≥ 35
Tire			
23	Front Tyre		16/70-20
24	Rear Tyre		10-16.5
Engine and Gearbox			
25	Battery	V/Ah	24\60
26	Fuel Tank Capacity	L	100
27	Gearbox Model		280
28	Transmission Type		Automatic
29	Engine Manufacturer		DF Cummins
30	Engine Model		4BTA3.9-C100-II
31	Rated Power/Rated Speed	kw/RPM	74/2200
32	Displacement		3.9L
33	No. of Cylinders		4
34	Aspiration		Turbocharged and Charge Air Cooled
35	Bore &Stroke	mm	102*120



Characteristics of Rough Terrain Forklift

In view of the rugged road and more obstacles condition, the general forklift can not work because of its low around clearance.

While this FD50RT4 Model's Min. ground clearance $\geq 320\text{mm}$, overall tail departure angle 35° greatly improves the through ability, far beyond that of any ordinary forklift.

Due to superior power and scientific axial load distribution, the climbing ability reaches $\geq 35\%$, can easily go across obstacles of vertical height 200mm with heavy load.

Enhanced cross-country steering axle, swing angle up to 10° , suitable for harsh working conditions, rough road and construction site.

For muddy field, equipped with wheel reduction drive axle with wheel torque redistribution, this machine can easily climb out of mire, to achieve normal driving.

Deep tread, herringbone pattern, large width off-road tires, with superior grip, slip resistance and

The clamp brake axle and the air brake enables the user to be able to handle the forklift in bad condition.

Super widening mast with excellent vision, effectively improve the work efficiency and work safety.

Vehicle frame using integrated welding structure design, with superior bending, torsion resistance ability, can meet the harsh off-road conditions. Optional different engines according to the needs of users.