

FD2RT/FD4RT25-35

NOBLELIFT Diesel Rough Terrain Forklift

2.5T&3.5T

2WD·4WD May the Force Be with You



FEATURES

Excellent Performance

Strong Gradeability up to 45% ↑ full loaded

Ground clearance capable for most rough terrain working conditions 220mm

Smallest turning radius 3080mm



Electric Forklift



Durability

Choose top class C&J type hot rolled steel for mast Key electric parts with water-proof connectors,full LED lights Special clip to fasten and divide different sort of pipeline avoid contamination.

Good Visibility

- Lower instrument panel height
- Safeguard with wide view on top
- New chains & hoses layout behind mast profile
- 50°C incline crosswise board of Load bracket
- Better Cooling & Air intake system
- Optimized radiating channel
- Ultra-large plate-fin type Radiator
- Excellent heat exchange system
- Optimized exhaust system layout,to decrease passive pressure
- High inlet,two-stage air filters,to improve air quality for engine

CONFIGURATIONS

Standard

- with 500mm load center
- with Japanese Mitsubishi/Yanmar engine
- with 3000mm duplex mast
- with 1070mm fork length
- with TCM technology hydraulic transmission,power shift,2F/1R
- with differential lock,with safety system for engine starting
- with suspension seat,belt,LED lights,buzzer,horn,rotating beacon,
- with industrial pneumatic tyres

Optional

- Duplex/Triplex mast 3m-6.5m Cascade side shifter and fork-positioner Closed cabin/Air conditioner/Heater Operator Presence System--OPS system et.....



FORKLIFT SPECIFICATION

RT Series 2WD-4WD										
General										
1	Type	4WD				2WD				
2	Model	FD4RT25	FD4RT35	FD2RT25	FD2RT35					
3	Power type	Diesel								
4	Rated capacity	Kg	2500	3500	2500	3500				
Characteristic&Dimension										
5	Load centre	mm	500							
6	Free lift height	mm	165	170	165	170				
7	Fork size	L×W×T	mm	1070×122×40	1070×125×45	1070×122×40	1070×125×45			
8	Fork regulating range	Min./Max.	mm	250-1310	250-1500	250-1310	250-1500			
9	Mast tilt angle	F/R	Deg	10°/12°						
10	Front overhang	mm	580	595	580	595				
11	Rear overhang	mm	605							
12	Min.ground clearance(drive steer axle)	mm	220							
13	Overall dimensions	Length to face of fork (without fork)	mm	3070	3085	3070	3085			
14		Overall width	mm	1450	1600	1557	1600			
15		Mast lowered height	mm	2230	2325	2230	2325			
16		Mast extended height (with backrest)	mm	4170	4300	4170	4300			
17		Overhead guard height	mm	2260	2280	2260	2280			
18	Turning radius (outside)	mm	3080	3080	2859	2859				
19	Min.right angle aisle width(add load length and clearance)	mm	2630	2690	2680	2690				
Performance										
20	Speed	Travel(Laden/Unladen)	Km/h	19/20	18/19	19/20	21/22			
21		Lifting(Laden/Unladen)	mm	600/620	480/500	570/590	450/470			
22		Lowering(Laden/Unladen)	mm	440						
23	Max. Drawbar pull(Laden)	KN	38	38	17	17				
24	Max. Gradeability(Laden)	%	50	45	20	16				
Tyre										
25	Tyre	Front		12-16.5-12PR	14-17.5-14PR	12-16.5-12PR	14-17.5-14PR			
26		Rear		10.0/75-15.3	10.0/75-15.3	27×10-12-12PR	27×10-12-12PR			
27	Tread	Front	mm	1125	1250	1250	1250			
28		Rear	mm	1198	1198	1205	1205			
29	Wheelbase	mm	1880	1880	1880	1880				
30	Self weight	kg	4850	5460	4500	5180				
Weight										
31	Weight Distribution	Laden	Front axle	kg	6600	7750	6000	7700		
32			Rear axle	kg	750	1200	1000	980		
33		Unladen	Front axle	kg	2180	2500	1810	2070		
34			Rear axle	kg	2670	2960	2690	3110		
Power&Transmission										
35	Battery	Voltage/Capacity	V/Ah		12/90	12/90	12/90			
36	Transmission	Manufacture	China							
37		Stage	F/R	2/1						
38	Operation pressure(For attachments)	Mpa	20							

MAST SPECIFICATION

Mast	Type	Lifting Height On Fork(mm)	Overall Heightmast Lowered(mm)	Free Lift On Forks(mm)		Front Overhang	Mast Tilting Angle Front/Rear	Capacity At Max. Height(kg)		
				With Bracket	Without Bracket			Without Side Shift Carriage	With Side Shift Carriage	
Wide view 2-stage mast	3.00m	FD2RT/4RT25	3000	2230	165	165	580	10/12°	2500	2500
		FD2RT/4RT35		2325	170	170	595	10/12°	3500	3300
	3.30m	FD2RT/4RT25	3300	2380	165	165	580	10/12°	2500	2500
		FD2RT/4RT35		2475	170	170	595	10/12°	3500	3300
	3.50m	FD2RT/4RT25	3500	2485	165	165	580	10/12°	2500	2500
		FD2RT/4RT35		2575	170	170	595	10/12°	3500	3200
	4.00m	FD2RT/4RT25	4000	2780	165	165	580	10/12°	2500	2500
		FD2RT/4RT35		2875	170	170	595	10/12°	3400	3100
	4.5m	FD2RT/4RT25	4500	3030	165	165	580	10/12°	2200	2100
		FD2RT/4RT35		3125	170	170	595	10/12°	3100	2900
Full free 3-stage mast	4.00m	FD2RT/4RT25	4000	2075	893	1338	585	10/12°	2500	2400
		FD2RT/4RT35		2200	895	1340	615	10/12°	3400	3100
	4.35m	FD2RT/4RT25	4350	2200	1018	1463	585	10/12°	2400	2200
		FD2RT/4RT35		2325	1020	1466	615	10/12°	3000	2900
	4.70m	FD2RT/4RT25	4700	2315	1133	1578	585	10/12°	2100	1900
		FD2RT/4RT35		2440	1135	1580	615	10/12°	2800	2500
	5m	FD2RT/4RT25	5000	2450	1268	1716	585	6/6°	1900	1600
		FD2RT/4RT35		2575	1270	1715	615	6/6°	2600	2300
	6m	FD2RT/4RT25	6000	2800	1618	2063	585	6/6°	1200	800
		FD2RT/4RT35		2925	1620	2065	615	6/6°	1900	1600
6.5m	FD2RT/4RT25	6500	3015	1833	2278	585	6/6°	700	400	
	FD2RT/4RT35		3140	1835	2280	615	6/6°	1300	1100	

Electric Forklift



YANMAR

Type:WC3
Model:4TNE98-BQFLC(EUIII)
No.of cylinder:4
BorexStroke:98x110mm
Displacement:3.318L

Rated output: 42.1/2300kw/r.p.m
Rated torque: 177.6 196.3/1700N.m/r.p.m



MITSUBISHI

Type:WV3
Model:S4S(EUIIIA)
No.of cylinder:4
BorexStroke:94x120mm
Displacement:3.331L

Rated output: 34.4/2250kw/r.p.m
Rated torque: 169/1700N.m/r.p.m