



NOBLELIFT

www.noblelift.com

2.5T & 3.5T

2WD · 4WD

May the Force Be with You.

NOBLELIFT Diesel Rough Terrain Forklift



NOBLELIFT CHINA

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Our Wechat

FEATURES

Excellent Performance

Strong Gradeability up to 45%  full loaded

Ground clearance capable for most rough terrain working conditions 220mm

Smallest turning radius 3080mm



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
etc....



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		
Overall width			mm	1450		1600		1557		1600				
Mast lowered height			mm	2230		2325		2230		2325				
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		
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		
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	
Rear axle					kg	750		1200		1000		980		
33			Unladen		Front axle		kg	2180		2500		1810		2070
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

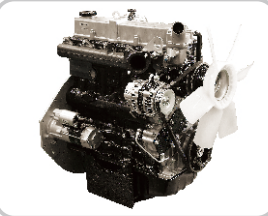
Mast		Type	Lifting Height On Fork(mm)	Overall Heightmast Lowered(mm)	Free Lift On Forks(mm)		Front Overhang	Mast Tilting Angle Front/Rear	Capacity At Max. Height(kg)	
					With Bracket	Without Bracket			Without Side Shift Carriage	With Side Shift Carriage
Wide view 2-stage mast	3.00m	FD2RT/4RT25	3000	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



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