



NOBLELIFT
NORTH AMERICA

2.5T & 3.5T

2WD · 4WD

NOBLELIFT



*NOBLELIFT Diesel
Rough Terrain Forklift*



Nampa
1905 Madison Avenue
Nampa, ID 83687
PH (208) 466.8994
FX (208) 466.0466
PH (800) 327.7741

Twin Falls
2354 Eldridge Avenue
Twin Falls, ID 83301
PH (208) 475.1828
FX (208) 466.0466
PH (800) 327.7741

Idaho Falls
3441 N. 25th E., Ste 106
Idaho Falls, ID 83401
PH (208) 475.1850
FX (208) 466.0466
PH (800) 327.7741

Utah
2640 W. California Ave.
Salt Lake City, UT 84104
PH (801) 972.1930
FX (801) 972.1964
PH (800) 624.2729

FEATURES

Excellent Performance

Strong Gradeability up to **45%** ↑ full loaded

Ground clearance **8.66in**

Turning radius **121.25in**



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 24in load center
- with LS Mtron Tier 4
- with 118-255" Lift Height
- with 42" 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 tires

Optional

Duplex / Triplex mast 118-255in
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	FD4RT 50	FD4RT 70	FD2RT50	FD2RT70			
3	Power type	Diesel						
4	Rated capacity	lb	5000	7000	5000	7000		
Characteristic&Dimension								
5	Load center	in	24					
6	Free lift height	in	6.49	6.69	6.49	6.69		
7	Fork size	L×W×T	in	42×4.8×1.57	42×4.9×1.77	42×4.8×1.57	42×4.9×1.77	
8	Fork regulating range	Min./Max.	in	9.8-51.57	9.8-59	9.8-51.57	9.8-59	
9	Mast tilt angle	F/R	Deg	10°/12°				
10	Front overhang	in	22.8	23.4	22.8	23.4		
11	Rear overhang	in	23.8					
12	Min.ground clearance(drive steer axle)	in	8.66					
13	Overall dimensions	Length to face of fork (without fork)	in	120	121.4	120	121.4	
		Overall width	in	57	63	61	63	
		Mast lowered height	in	87.79	91.53	87.79	91.53	
		Mast extended height (with backrest)	in	164	169	164	169	
17	Overhead guard height	in	88.97	89.7	88.97	89.7		
18	Turning radius (outside)	in	121	121	112	112		
19	Min.right angle aisle width(add load length and clearance)	in	103	106	103	106		
Performance								
20	Speed	Travel(Laden/Unladen)	mph	11.8/12.42	11.1/11.8	1.8/12.42	13/13.6	
21		Lifting(Laden/Unladen)	in	23.6/24.4	18.89/19.6	22.4/23.2	17.7/18.5	
22		Lowering(Laden/Unladen)	in	17.32				
23	Max. Drawbar pull(Laden)	lbf	8,542	8,542	3,821	3,821		
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	in	44	49	49	49	
28		Rear	in	47	47	47	47	
29	Wheelbase	in	74	74	74	74		
30	Self weight	lb	10,692	12,037	9920	11,419		
Weight								
31	Weight Distribution	Laden	Front axle	lb	14,550	17,085	13,227	16,975
			Rear axle	lb	1653	2645	2204	2160
		Unladen	Front axle	lb	4806	5511	3990	4563
			Rear axle	lb	5886	6525	5930	6856
Power&Transmission								
35	Battery	Voltage/Capacity	V/Ah		12/90	12/90	12/90	
36	Transmission	Stage						
37		F/R			2/1			
38	Operation pressure(For attachments)	Mpa			20			

MAST SPECIFICATION

Mast	Type	Lift Height	Lowered Mast	Free Lift		Front Overhang	Mast Tilting Angle Front/Rear	Capacity At Max. Height(lb)	
				With Bracket	Without Bracket			Without Side Shift Carriage	
Wide view 2-stage mast	118in	FD2RT/4RT50	118in	87.79	6.49	6.49	22.83	10/12°	5000
		FD2RT/4RT70		91.5	6.69	6.69	23.42	10/12°	7000
	130in	FD2RT/4RT50	130in	93.7	6.49	6.49	22.83	10/12°	5000
		FD2RT/4RT70		97.4	6.69	6.69	23.42	10/12°	7000
	138in	FD2RT/4RT50	138in	97.8	6.49	6.49	22.83	10/12°	5000
		FD2RT/4RT70		101.3	170	170	23.42	10/12°	7000
	157in	FD2RT/4RT50	157in	109.4	6.49	6.49	22.83	10/12°	4900
		FD2RT/4RT70		113.1	6.69	6.69	23.42	10/12°	6900
177in	FD2RT/4RT50	177in	119.29	6.49	6.49	22.83	10/12°	4300	
	FD2RT/4RT70		123	6.69	6.69	23.42	10/12°	6200	
Full free 3-stage mast	157in	FD2RT/4RT50	157in	81.69	35.1	52.6	23.03	10/12°	4700
		FD2RT/4RT70		86.61	35.2	52.7	24.21	10/12°	6500
	171in	FD2RT/4RT50	171in	86.61	40.07	57.59	23.03	10/12°	4400
		FD2RT/4RT70		91.53	40.1	57.71	24.21	10/12°	6200
	185in	FD2RT/4RT50	185in	91.14	44.60	62.12	23.03	10/12°	3800
		FD2RT/4RT70		96.06	44.68	62.20	24.21	10/12°	5600
	196in	FD2RT/4RT50	196in	96.45	49.92	67.55	23.03	6/6°	3800
		FD2RT/4RT70		101.3	50	67.5	24.21	6/6°	5300
	236in	FD2RT/4RT50	236in	110.23	63.7	81.2	23.03	6/6°	1900
		FD2RT/4RT70		115.15	63.77	81.29	24.21	6/6°	3100
256in	FD2RT/4RT50	256in	118.7	72.1	89.68	23.03	6/6°	1100	
	FD2RT/4RT70		123.6	72.24	89.76	24.21	6/6°	1900	



EUV & TIER 4

LS Mtron

Type: L3
Model: L4CRTV4(EUV)
No. of cylinder: 4
Bore×Stroke: 88mm×103mm
Displacement: 2,505 cc

Rated output: 42(56hp)/2300kw/rpm
Rated torque: 208/1600N.m/rpm