



Electric Forklift Trucks Capacity 5000, 6000 and 7000 lbs. RX60-25L, RX60-30L, and RX60-35

SERIES RX60

Safety

To adapt to different operating conditions and customer requirements, all performance parameters are adjustable. The "ramp hold" function automatically keeps the truck in position on a grade without the operator stepping on the brake.

Unmatched Performance

Travel speed of 12 mph and lift speed of 100 fpm, enable this truck to operate in place of engine powered units. The truck features an automatic power boost to negotiate rail-road crossings, curbs, steep ramps or other obstacles. The boost briefly activates when the system senses demand.

Ergonomic Excellence

Power and durability mean very little if driver fatigue becomes a problem. That's why we designed the RX60 to minimize strain on the operator throughout the demanding work day. Keeping in mind the operator's comfort Linde has built-in a multitude of features, such as low noise level, floating operator compartment, tilted floor board, fully adjustable suspension seat, and adjustable steering column. All features are part of the trucks' comprehensive ergonomic design.

Durability By Design

Durability is a Linde design objective. All components and assemblies are tested to meet rigorous longevity standards.

Such as:

- The heavy duty cast steering axle represents a robust structure.
- Major electrical component placement inside the counterweight offers protection.
- The counterweight dissipates naturally occurring heat during operation.
- Thermal protectors monitor components and limit power output in case of excessive temperature.

Linde Material Handling

Linde

Standard and optional equipment

Standard equipment:

80 volts electrical system

Dual pedal directional control

SE drive and steer tires

Floating operator compartment (shock mounted)

High comfort suspension seat

Quick-set parking brake

4-function hydraulic valve with mini lever and armrest

Dual head lights

Tow pin

Tiltable steering column

SB350 yellow connector

6 roller carriage

Options:

Single pedal directional control

Non marking tires

Traction speed reductions

Simple masts

Dual masts

Triple masts

Battery slides for side extraction

Full cab heater/defroster

Rotating seat option

Hydraulic options

Backup alarm

Rear lights

Warning lights

Integrated sidsifter

Mirrors

Fast charge assist option

Other options available on request

Technical data

June 2009

Characteristics	1.1	Manufacturer	Still	
	1.2	Model designation	RX60-25L	
	1.3	Power unit: battery, diesel, gasoline, LP gas, AC	Battery	
	1.4	Operation	Rider seated	
	1.5	Load capacity	Q lb (kg)	5000 2500
	1.6	Load center (axle center to fork face)	c in (mm)	24 500
	1.8	Load distance (front overhang)	x in (mm)	16.5 420
	1.9	Wheelbase	y in (mm)	68.5 1740
	Weight	2.1	Service weight with min. battery	lb (kg)
2.2		Axle loading with load, front/rear	lb (kg)	14087 / 2394 6390 / 1086
2.3		Axle loading without load, front/rear	lb (kg)	5661 / 5308 2568 / 2408
Wheels & Tires	3.1	Tire type - front/rear	SE / SE	
	3.2	Tire size: front	in (mm) 23 x 9-10	
	3.3	Tire size: rear	in (mm) 18 x 7-8	
	3.5	Wheels: number front/rear (x = driven)	2 x / 2	
	3.6	Track width, front	b10 in (mm)	39.1 992
	3.7	Track width, rear	in (mm)	35.4 900
	Dimensions	4.1	Mast/fork carriage tilt: forward/back	degrees
4.2		Height of mast lowered	h1 in	See mast table
4.3		Free lift	h2 in	See mast table
4.4		Lift	h3 in	See mast table
4.5		Height of mast extended	h4 in	See mast table
4.7		Height of overhead guard/cab	h6 in (mm)	87 2210
4.8		Height of seat	h7 in (mm)	44.8 1140
4.12		Height of tow coupling	h10 in (mm)	19.1 485
4.19		Overall length, with 48" forks	l1 in (mm)	145.36 3692
4.20		Length to fork face	l2 in (mm)	97.36 2473
4.21		Overall width	b1 in (mm)	47.2 1199
4.22		Fork dimensions	s/e/l in	1.75 x 4 x 48 ³
4.23		Fork carriage: class		Class 2
4.24		Width of fork carriage	b3 in (mm)	40.9 1040
4.31		Ground clearance under mast, with load	m1 in (mm)	4.9 125
4.32		Ground clearance, center of wheelbase	m2 in (mm)	4.9 125
4.33	Aisle width (with 48" load)	Ast in (mm)	158 ¹ 4005 ¹	
4.35	Turning radius (outer)	Wa in (mm)	86 2185	
4.36	Turning radius (inner)	b13 in (mm)	23.2 590	
Performance	5.1	Travel speed, with/without load	mph (km/h)	12 / 12.5 19 / 20
	5.2	Lifting speed, with/without load	fpm (m/s)	88 / 108 .046 / 0.55
	5.3	Lowering speed, with/without load	fpm (m/s)	102 / 88 0.52 / 0.45
	5.5	Tractive force, with/without load	lb (N)	1784 / 1809 7940 / 8050
	5.6	Maximum tractive force, with/without load (5 min. rating)	lb (N)	3909 / 3868 17390 / 17210
	5.7	Climbing ability, with/without load (electric, 30 min. rating)	%	20.3 / 30.2
	5.8	Maximum climbing ability, with/without load (5 min. rating)	%	24.2 / 30.2
	5.9	Acceleration time with/without load	s	4.6 / 4.2
	5.10	Service brake		Electric / Mechanical
	Drive	6.1	Drive motor (60 min. rating)	hp (Kw)
6.2		Lift motor (15% rating)	hp (Kw)	21.8 16.3
6.3		Battery compartment dimensions (maximum)	in (mm)	34.3 x 40.95 x 32.1 872 x 1040 x 815 34
6.4		Battery voltage	V	80
6.4.1		Battery capacity	Ah	625 / 750
6.5		Battery weight (US battery) (minimum/maximum)	lb (kg)	3435 / 4107 1558 / 1863
Other	8.2	Working pressure for attachments	psi (bar)	3625 250
	8.3	Oil flow for attachments	gal/min (l/m)	7.9 30
	8.5	Tow coupling design type		Pin

¹ Min. aisle width — with 48" load

² With 91/117.5 simple. Add 440 lbs. (200 kg) for 92.5/182.5 triple mast

³ Capacity ratings can be effected by changing forks, load center, and/or drive tires

Capacity

RX60-25L

1.75" x 4" x 48" Forks³
Single SE Drive Tires³

Mast Capacity Table (in.)

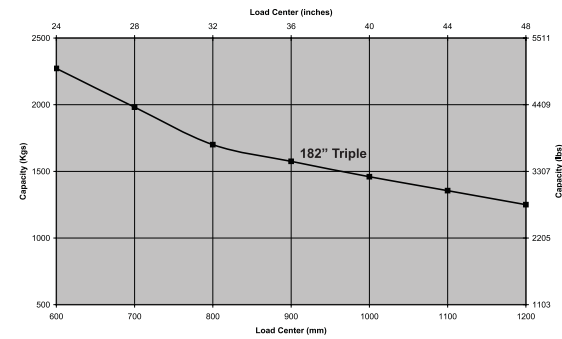
Capacity (lb) @ 24" Load Center³

h1	h3	h2		Std. Carriage	Integral SS Carriage	Hang-on SS Carriage*
84.00	115.00	00.00	Simple	5000	4625	4375
86.00	119.00	00.00	Simple	5000	4625	4375
92.00	131.00	00.00	Simple	5000	4625	4375
84.00	122.00	62.00	Dual	5000	4625	4375
86.00	126.00	64.00	Dual	5000	4625	4375
97.00	150.00	75.00	Dual	5000	4625	4375
84.00	176.00	62.00	Triple	5000	4625	4375
86.00	182.00	64.00	Triple	5000	4625	4375
90.00	194.00	68.00	Triple	4775	4625	4375
97.00	218.00	75.00	Triple	4550	4050	3800
107.00	247.00	85.00	Triple	4325	2975	2725

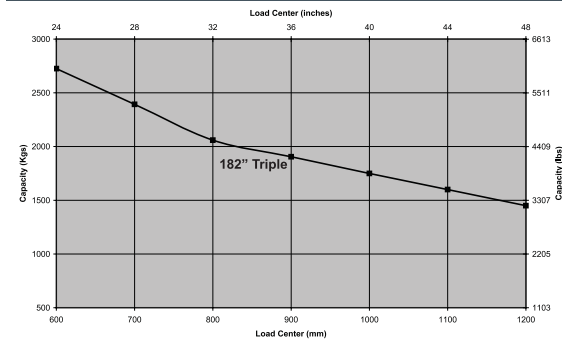
Downrating Charts

Reference SE tires with standard carriage and forks only

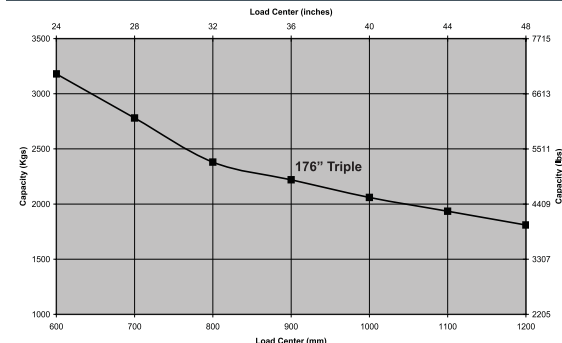
RX60-25L Load Center Lift Capacity Diagram (182" Triple Mast)



RX60-30L Load Center Lift Capacity Diagram (182" Triple Mast)



RX60-35 Load Center Lift Capacity Diagram (176" Triple Mast)



For quick reference only, contact factory for detailed ratings.

Still RX60-30L		Still RX60-35	
Battery		Battery	
Rider seated		Rider seated	
6000	3000	7000	3500
24	500	24	500
17.3	440	17.3	440
68.5	1740	69.7	1770
11236 ²	5097 ²	12189 ²	5540 ²
16062 / 1787	7286 / 811	17835 / 2050	8107 / 932
5875 / 5361	2665 / 2432	6047 / 6142	2749 / 2791
SE / SE		SE / SE	
23 x 10-12		315 x 45 x 12	
18 x 7-8		18 x 7-8	
2 x / 2		2 x / 2	
37.4	950	39.5	1002
35.4	900	35.4	900
3.0 / 9.0		3.0 / 9.0	
See mast table		See mast table	
See mast table		See mast table	
See mast table		See mast table	
See mast table		See mast table	
87	2210	87	2210
44.8	1140	44.8	1140
19.1	485	19.1	485
146.15	3712	147.33	3742
98.15	2493	99.4	2523
47.2	1199	51.2	1300
1.75 x 5 x 48 ³		2.0 x 5 x 48 ³	
Class 3		Class 3	
43.3	1100	43.3	1100
4.9	125	4.9	125
5.0	127	5.0	127
158.5 ¹	4025 ¹	159.5 ¹	4054 ¹
86	2185	87.2	2214
23.2	590	23.4	594
12 / 12.5	19 / 20	12 / 12.5	19 / 20
88 / 108	.046 / 0.55	67 / 108	0.34 / 10.55
102 / 88	0.52 / 0.45	102 / 88	0.52 / 0.45
1728 / 1811	7690 / 8060	1665 / 1766	7410 / 7860
3837 / 3882	17070 / 17270	3756 / 3815	16710 / 16970
18.3 / 30.1		15.9 / 27	
21.9 / 30.6		19.1 / 29.2	
4.8 / 4.2		4.3 / 4.9	
Electric/Mechanical		Electric/Mechanical	
20.1	15	20.1	15
21.8	16.3	21.8	16.3
34.3 x 40.95 x 32.1	872 x 1040 x 815	34.3 x 40.95 x 32.1	872 x 1040 x 815
80		80	
625 / 750		625 / 750	
3435 / 4107	1558 / 1863	3435 / 4107	1558 / 1863
3625	250	3625	250
7.9	30	7.9	30
Pin		Pin	

Versatile & Energy Efficient

Both indoor and outdoor operations are no problem for the RX60. When equipped with a full cab and an electric heater the RX60 functions in inclement weather like an engine truck. On the other hand, fitted with cold storage equipment, it also will work in freezers with temperatures as low as -20 degrees Fahrenheit.

While versatile in a variety of operating conditions the truck is also very efficient. With the highly effective energy return system battery life can be extended by up to 15%. As previously highlighted all high voltage components are mounted inside the counterweight. This design limits energy use while simultaneously extending component life.

With the "BlueZone" button pushed, the truck control system will automatically adjust operational parameters according to application specific usage. This system can save up to 20% energy, without sacrificing performance.

Low Maintenance

All machines require periodic maintenance but the RX60 needs it only every 1000 hours. Design features like, automatic deceleration, dual independent CAN-bus control systems, maintenance free brakes and continuous on-board diagnostics make it even easier to keep the RX60 in perfect working condition. The three phase AC system operates without brushes and is completely sealed, extending component life and reducing maintenance expense.

Features



80 Volts electrical system

- AC technology
- Enclosed motors
- Maintenance free

Linde twin drive pedals

- Quick directional change
- Short pedal stroke
- No leg fatigue
- Increased productivity



Energy efficiency

- Excellent heat dissipation
- Energy return system
- Fully programmable



Low maintenance

- Maintenance free multi-disc brakes
- 1000 hour intervals
- Continuous on-board diagnostics



Linde operator compartment

- Adjustable steering column
- Full graphic display
- Floating suspension

Linde truck control

- Dual independent CAN-bus systems
- Power boost
- Automatic deceleration
- Automatic performance adaptation "BlueZone"

Linde clearview mast

- Superb visibility
- Exceptional residual capacity

Safety

- Quick-set parking brake
- Ramp hold
- Side battery discharge