



Electric Forklift Trucks

5000, 6000 and 7000 lb. Capacity
RX60-25L, RX60-30L, and RX60-35
SERIES RX60

Linde Material Handling



Linde

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.

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.

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

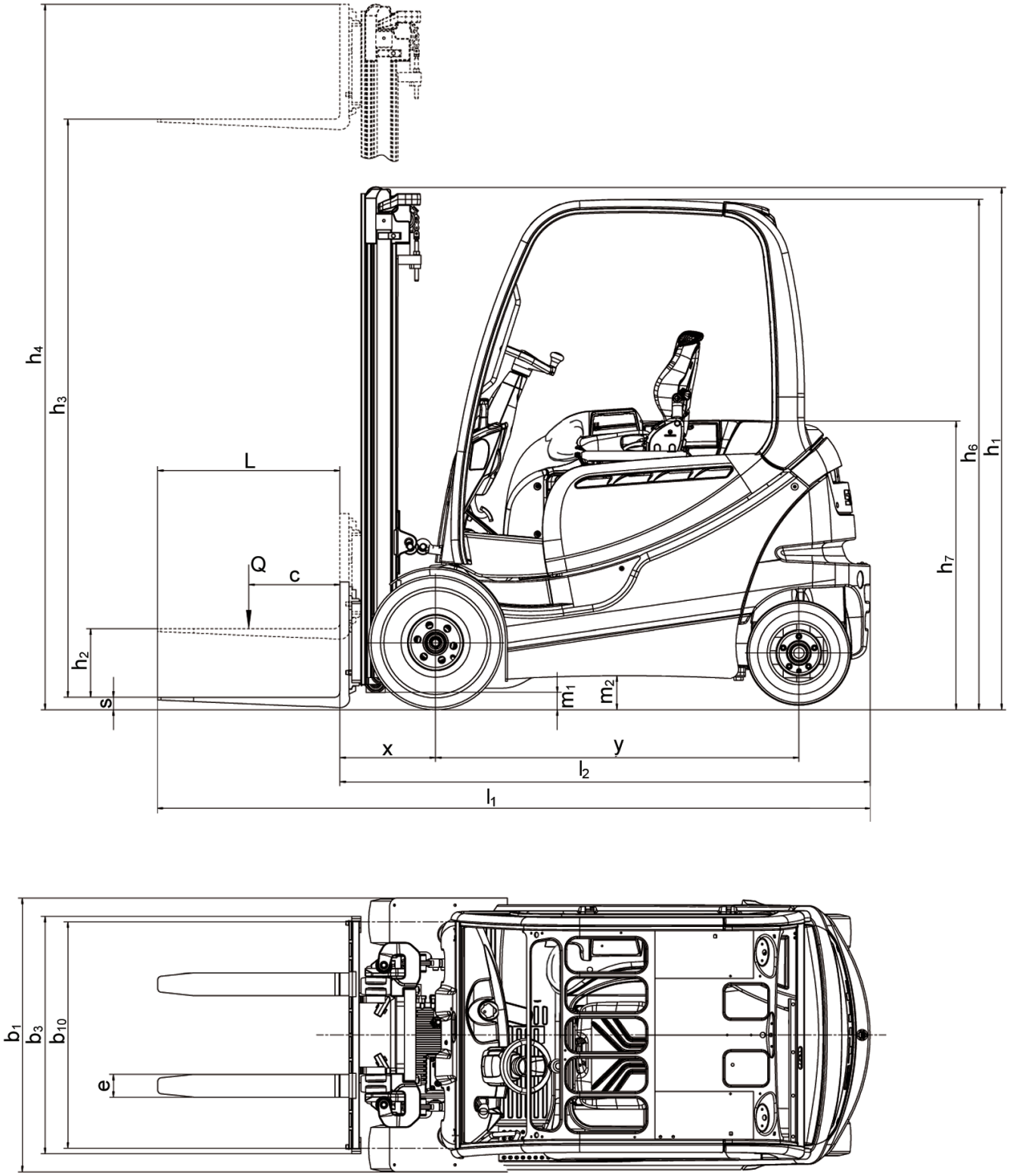
Dual head lights
Tow pin
Adjustable (tilt) steering column
SB350 yellow connector
6 roller carriage

Options:

Single pedal directional control
Non-marking tires
Traction speed reduction
Simple masts
Dual masts
Triple masts
Battery slides for side extraction
Full cab heater/defroster
Rotating seat option

Hydraulic options
Backup alarm
Rear spot lights
Warning lights
Integrated sideshifter
Mirrors
Fast charge assist option

Other options available on request



Technical data

May 2015

Series RX60L

Characteristics	1.1	Manufacturer		
	1.2	Model designation		
	1.3	Power unit: battery, diesel, gasoline, LP gas, AC		
	1.4	Operation		
	1.5	Load capacity		Q lb (kg)
	1.6	Load center (axle center to fork face)		c in (mm)
	1.8	Load distance (front overhang)		x in (mm)
	1.9	Wheelbase		y in (mm)
	Weight	2.1	Service weight with min. battery	
2.2		Axle loading with load, front/rear		lb (kg)
2.3		Axle loading without load, front/rear		lb (kg)
Wheels & Tires	3.1	Tire type - front/rear		
	3.2	Tire size: front		in (mm)
	3.3	Tire size: rear		in (mm)
	3.5	Wheels: number front/rear (x = driven)		
	3.6	Track width, front		b10 in (mm)
	3.7	Track width, rear		in (mm)
	Dimensions	4.1	Mast/fork carriage tilt: forward/back	
4.2		Height of mast lowered		h1 in
4.3		Free lift		h2 in
4.4		Lift		h3 in
4.5		Height of mast extended		h4 in
4.7		Height of overhead guard/cab		h6 in (mm)
4.8		Height of seat		h7 in (mm)
4.12		Height of tow coupling		h10 in (mm)
4.19		Overall length, with 48" forks		l1 in (mm)
4.20		Length to fork face		l2 in (mm)
4.21		Overall width		b1 in (mm)
4.22		Fork dimensions		s/e/l in
4.23		Fork carriage: class		
4.24		Width of fork carriage		b3 in (mm)
4.31		Ground clearance under mast, with load		m1 in (mm)
4.32		Ground clearance, center of wheelbase		m2 in (mm)
4.33	Aisle width (with 48" load)		Ast in (mm)	
4.35	Turning radius (outer)		Wa in (mm)	
4.36	Turning radius (inner)		b13 in (mm)	
Performance	5.1	Travel speed, with/without load		mph (km/h)
	5.2	Lifting speed, with/without load		fpm (m/s)
	5.3	Lowering speed, with/without load		fpm (m/s)
	5.5	Tractive force, with/without load		lb (N)
	5.6	Maximum tractive force, with/without load (5 min. rating)		lb (N)
	5.7	Climbing ability, with/without load (electric, 30 min. rating)		%
	5.8	Maximum climbing ability, with/without load (5 min. rating)		%
	5.9	Acceleration time with/without load		s
	5.10	Service brake		
	Drive	6.1	Drive motor (60 min. rating)	
6.2		Lift motor (15% rating)		hp (Kw)
6.3		Battery compartment dimensions (maximum)		in (mm)
6.4		Battery voltage		V
6.4.1		Battery capacity		Ah
6.5		Battery weight (US battery) (minimum/maximum)		lb (kg)
Other	8.2	Working pressure for attachments		psi (bar)
	8.3	Oil flow for attachments		gal/min (l/m)
	8.5	Tow coupling design type		

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

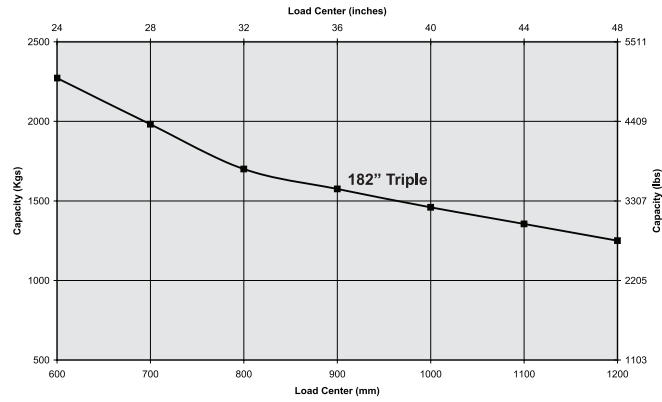
⁴ Up to 200" of lift, 51.3" with lift higher than 200"

Still RX60-25L Battery Rider seated		Still RX60-30L Battery Rider seated		Still RX60-35 Battery Rider seated	
5000	2500	6000	3000	7000	3500
24	500	24	500	24	500
16.5	420	17.3	440	17.3	440
68.5	1740	68.5	1740	69.7	1770
10969 ²	4976 ²	11236 ²	5097 ²	12189 ²	5540 ²
14087 / 2394	6390 / 1086	16062 / 1787	7286 / 811	17835 / 2050	8107 / 932
5661 / 5308	2568 / 2408	5875 / 5361	2665 / 2432	6047 / 6142	2749 / 2791
SE / SE 23 x 9-10 18 x 7-8 2 x / 2		SE / SE 23 x 10-12 18 x 7-8 2 x / 2		SE / SE 315 x 45 x 12 18 x 7-8 2 x / 2	
39.1	992	37.4	950	39.5	1002
35.4	900	35.4	900	35.4	900
3.0 / 9.0 See mast table See mast table See mast table See mast table		3.0 / 9.0 See mast table See mast table See mast table See mast table		3.0 / 9.0 See mast table See mast table See mast table See mast table	
87	2210	87	2210	87	2210
44.8	1140	44.8	1140	44.8	1140
19.1	485	19.1	485	19.1	485
145.36	3692	146.15	3712	147.33	3742
97.36	2473	98.15	2493	99.4	2523
47.2	1199 ⁴	51.1	1298	55.04	1398
1.75 x 4 x 48 ³ Class 2		1.75 x 5 x 48 ³ Class 3		2.0 x 5 x 48 ³ Class 3	
40.9	1040	43.3	1100	43.3	1100
4.9	125	4.9	125	4.9	125
4.9	125	5.0	127	5.0	127
158 ¹	4005 ¹	158.5 ¹	4025 ¹	159.5 ¹	4054 ¹
86	2185	86	2185	87.2	2214
23.2	590	23.2	590	23.4	594
12 / 12.5	19 / 20	12 / 12.5	19 / 20	12 / 12.5	19 / 20
88 / 108	.046 / 0.55	88 / 108	.046 / 0.55	67 / 108	0.34 / 10.55
102 / 88	0.52 / 0.45	102 / 88	0.52 / 0.45	102 / 88	0.52 / 0.45
1784 / 1809	7940 / 8050	1728 / 1811	7690 / 8060	1665 / 1766	7410 / 7860
3909 / 3868	17390 / 17210	3837 / 3882	17070 / 17270	3756 / 3815	16710 / 16970
20.3 / 30.2		18.3 / 30.1		15.9 / 27	
24.2 / 30.2		21.9 / 30.6		19.1 / 29.2	
4.6 / 4.2		4.8 / 4.2		4.3 / 4.9	
Electric / Mechanical		Electric / Mechanical		Electric / Mechanical	
20.1	15	20.1	15	20.1	15
21.8	16.3	21.8	16.3	21.8	16.3
40.95 x 34.3 x 32.1	1040 x 872 x 815	40.95 x 34.3 x 32.1	1040 x 872 x 815	40.95 x 34.3 x 32.1	1040 x 872 x 815
80		80		80	
625 / 750		625 / 750		625 / 750	
3435 / 4107	1558 / 1863	3435 / 4107	1558 / 1863	3435 / 4107	1558 / 1863
3625	250	3625	250	3625	250
7.9	30	7.9	30	7.9	30
Pin		Pin		Pin	

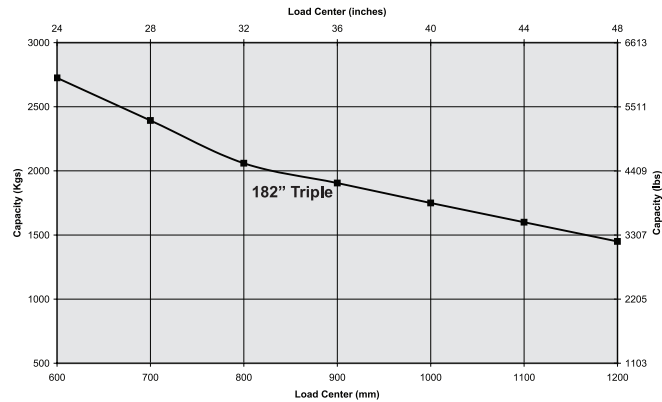
Downrating Charts*

Reference SE tires with standard carriage and forks only

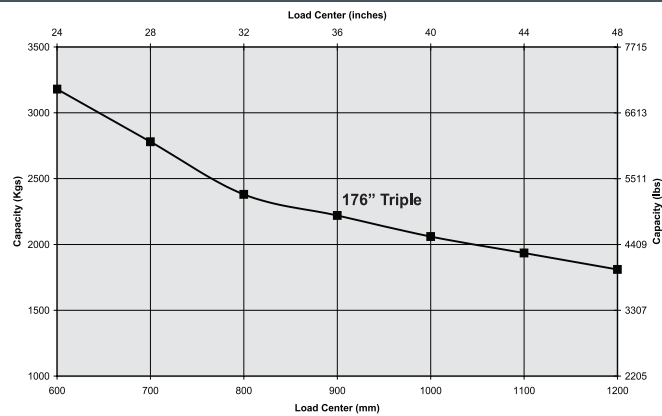
RX60-25L Load Center Lift Capacity Diagram (182" Triple Mast)



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



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



RX60-25L													
1.75" x 4" x 48" Forks-Single SE Drive Tires													
Mast Table							Capacity @ Load Center						
Closed Height		Lift Height		Free Lift		Type	Std Carriage		Int SS		Hang-on SS		
h1		h3		h2			Published 600 mm		Published 600 mm		Published 600 mm		
in	mm	in	mm	in	mm		[lb]	[kg]	[lb]	[kg]	[lb]	[kg]	
83.70	2125	113.00	2870	4.00	100	Simplex	5000	2267	4625	2097	4375	1984	
86.60	2200	118.90	3020	4.00	100	Simplex	5000	2267	4625	2097	4375	1984	
91.60	2325	128.70	3270	4.00	100	Simplex	5000	2267	4625	2097	4375	1984	
83.70	2125	117.70	2990	58.70	1491	Duplex	5000	2267	4625	2097	4375	1984	
85.60	2175	121.60	3090	60.70	1541	Duplex	5000	2267	4625	2097	4375	1984	
97.40	2475	145.30	3690	72.50	1841	Duplex	5000	2267	4625	2097	4375	1984	
83.70	2125	174.80	4440	58.70	1491	Triplex	5000	2267	4625	2097	4375	1984	
85.60	2175	180.70	4590	60.70	1541	Triplex	5000	2267	4625	2097	4375	1984	
89.60	2275	129.50	4890	64.60	1641	Triplex	4775	2165	4625	2097	4375	1984	
97.44	2475	212.20	5390	72.50	1841	Triplex	4550	2063	4050	1837	3800	1723	
107.40	2727	237.80	6040	82.30	2091	Triplex	4325	1961	2975	1349	2725	1236	

*Cascade 45.3" Class III HOSS MODEL #55F-SSS-AO16, FOR LINDE

RX60-30L													
1.75" x 5" x 48" Forks- Single SE Drive Tires													
Mast Table							Capacity @ Load Center						
Closed Height		Lift Height		Free Lift		Type	Std Carriage		Int SS		Hang-on SS		
h1		h3		h2			Published 600 mm		Published 600 mm		Published 600 mm		
in	mm	in	mm	in	mm		[lb]	[kg]	[lb]	[kg]	[lb]	[kg]	
83.70	2125	113.00	2870	4.00	100	Simplex	6000	2721	5625	2551	5375	2438	
86.60	2200	118.90	3020	4.00	100	Simplex	6000	2721	5625	2551	5375	2438	
91.60	2325	128.70	3270	4.00	100	Simplex	6000	2721	5625	2551	5375	2438	
83.70	2125	117.70	2990	58.70	1491	Duplex	6000	2721	5625	2551	5375	2438	
85.60	2175	121.60	3090	60.70	1541	Duplex	6000	2721	5625	2551	5375	2438	
97.40	2475	145.30	3690	72.50	1841	Duplex	6000	2721	5625	2551	5375	2438	
83.70	2125	174.80	4440	58.70	1491	Triplex	6000	2721	5550	2517	5300	2404	
85.60	2175	180.70	4590	60.70	1541	Triplex	6000	2721	5550	2517	5300	2404	
89.60	2275	129.50	4890	64.60	1641	Triplex	5850	2653	5550	2517	5300	2404	
97.44	2475	212.20	5390	72.50	1841	Triplex	5650	2562	5325	2415	5075	2301	
107.40	2727	237.80	6040	82.30	2091	Triplex	5100	2313	4450	2018	4200	1905	

*Cascade 45.3" Class III HOSS model #65F-SSS-B012, for Linde

RX60-35													
1.75" x 5" x 48" Forks- Single SE Drive Tires													
Mast Table							Capacity @ Load Center						
Closed Height		Lift Height		Free Lift		Type	Std Carriage		Int SS		Hang-on SS		
h1		h3		h2			Published 600 mm		Published 600 mm		Published 600 mm		
in	mm	in	mm	in	mm		[lb]	[kg]	[lb]	[kg]	[lb]	[kg]	
83.70	2125	113.00	2870	4.00	100	Simplex	7000	3175	6550	2971	6300	2857	
86.60	2200	118.90	3020	4.00	100	Simplex	7000	3175	6550	2971	6300	2857	
91.60	2325	128.70	3270	4.00	100	Simplex	7000	3175	6550	2971	6300	2857	
83.70	2125	117.70	2990	58.70	1491	Duplex	7000	3175	6550	2971	6300	2857	
85.60	2175	121.60	3090	60.70	1541	Duplex	7000	3175	6550	2971	6300	2857	
97.40	2475	145.30	3690	72.50	1841	Duplex	7000	3175	6550	2971	6300	2857	
83.70	2125	174.80	4440	58.70	1491	Triplex	7000	3175	6550	2971	6300	2857	
85.60	2175	180.70	4590	60.70	1541	Triplex	7000	3175	6550	2971	6300	2857	
89.60	2275	129.50	4890	64.60	1641	Triplex	7000	3175	6550	2971	6300	2857	
97.44	2475	212.20	5390	72.50	1841	Triplex	6900	3129	6225	2873	5975	1723	
107.40	2727	237.80	6040	82.30	2091	Triplex	6450	2925	5225	2370	4975	2256	

*Cascade 45.3" Class III HOSS model #65F-SSS-B012, for Linde

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.

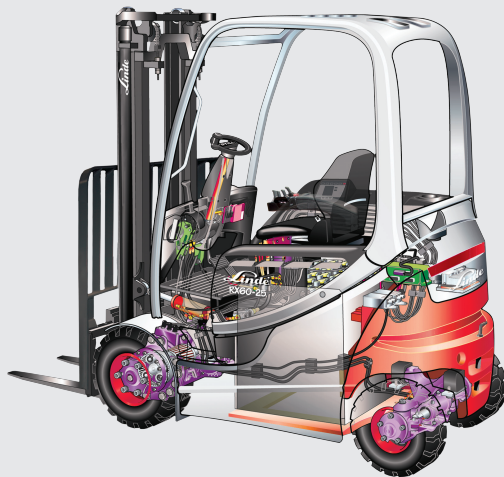
While versatile in a variety of operating conditions the truck is also very efficient. With the highly effective energy return system battery life can be extended by up to 15%. As previously highlighted all high voltage components are mounted inside the counterweight. This design limits energy use while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

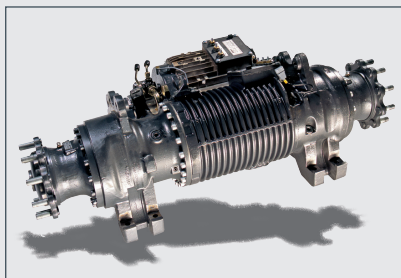


80 Volts electrical system

- 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

Linde truck control

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

Linde clearview mast

- Superb visibility
- Exceptional residual capacity

Low maintenance

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

Safety

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

Linde operator compartment

- Adjustable steering column
- Full graphic display
- Floating suspension

For more information on Linde material handling equipment, please contact:

KION North America Corporation
2450 West 5th North Street, Summerville, SC 29483
Phone: (843) 875-8000 Truck Sales Fax: (843) 875-8471
E-mail: trucksales.na@kiongroup.com
www.kion-na.com

