



Electric Forklift Trucks 5000 and 6000 lb. Capacity RX60-25C and RX60-30C SERIES RX60

Linde Material Handling



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.

Standard and optional equipment

Standard equipment:

80 volts electrical system
Dual pedal directional control
Cushion drive and steer tires
Floating operator compartment (shock mounted)
High comfort suspension seat
Quick-set parking brake
Four-function hydraulic valve with mini lever and armrest

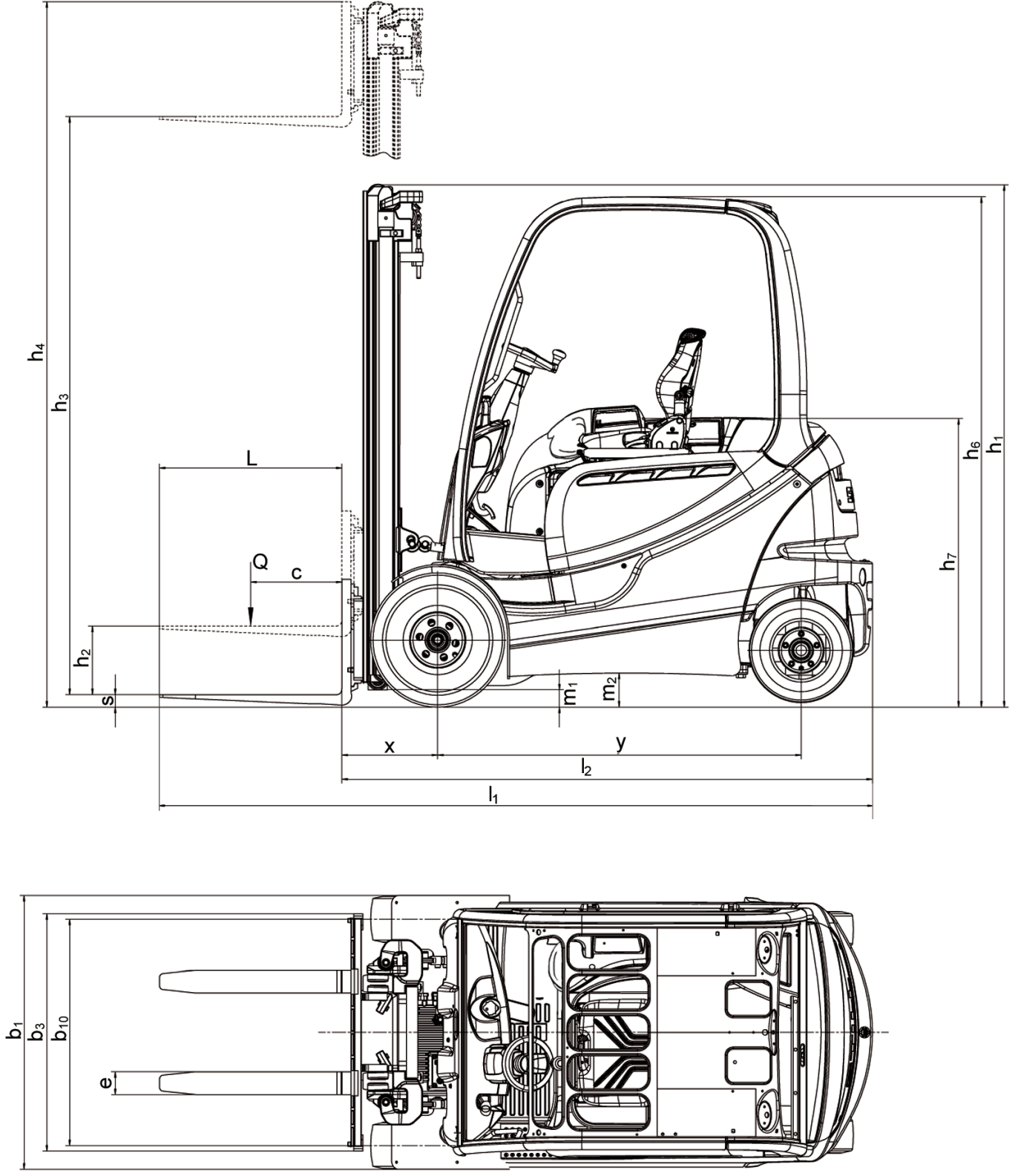
Dual head lights
Tow pin
Adjustable (tilt) steering column
SB350 yellow connector
6 roller carriage

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 RX60C

| | | | |
|-----------------|------------------------|--|---------------------------------------|
| Characteristics | 1.1 | Manufacturer | |
| | 1.2 | Model designation | |
| | 1.3 | Power unit: battery, diesel, gasoline, LP gas, AC | |
| | 1.4 | Operation: manual, pedestrian, rider standing, rider seated, order picker | |
| | 1.5 | Load capacity | |
| | 1.6 | Load center (axle center to fork face) | |
| | 1.8 | Load distance (front overhang) | |
| | 1.9 | Wheelbase | |
| | Weight | 2.1 | Service weight with min. battery |
| 2.2 | | Axle loading with load, front/rear | |
| 2.3 | | Axle loading without load, front/rear | |
| Wheels & Tires | 3.1 | Tire type - front/rear: C (cushion), SE (cushion super elastic), P (pneumatic) | |
| | 3.2 | Tire size: front | |
| | 3.3 | Tire size: rear | |
| | 3.5 | Wheels: number front/rear (x = driven) | |
| | 3.6 | Track width, front | |
| | 3.7 | Track width, rear | |
| | Dimensions | 4.1 | Mast/fork carriage tilt: forward/back |
| 4.2 | | Height of mast lowered | |
| 4.3 | | Free lift | |
| 4.4 | | Lift | |
| 4.5 | | Height of mast extended | |
| 4.7 | | Height of overhead guard/cab | |
| 4.8 | | Height of seat | |
| 4.12 | | Height of tow coupling | |
| 4.19 | | Overall length, with 48" forks | |
| 4.20 | | Length to fork face | |
| 4.21 | | Overall width | |
| 4.22 | | Fork dimensions | |
| 4.23 | | Fork carriage: class | |
| 4.24 | | Width of fork carriage | |
| 4.31 | | Ground clearance under mast, with load | |
| 4.32 | | Ground clearance, center of wheelbase | |
| 4.33 | | Aisle width (with 48" load) | |
| 4.35 | | Turning radius (outer) | |
| 4.36 | Turning radius (inner) | | |
| Performance | 5.1 | Travel speed, with/without load | |
| | 5.2 | Lifting speed, with/without load | |
| | 5.3 | Lowering speed, with/without load | |
| | 5.5 | Tractive force, with/without load | |
| | 5.6 | Maximum tractive force, with/without load (5 min. rating) | |
| | 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 | |
| | 5.10 | Service brake | |
| | Drive | 6.1 | Drive motor (60 min. rating) |
| 6.2 | | Lift motor (15% rating) | |
| 6.3 | | Battery compartment dimensions (maximum) | |
| 6.4 | | Battery voltage | |
| 6.4.1 | | Battery capacity | |
| 6.5 | | Battery weight (US battery) (minimum/maximum) | |
| Other | 8.2 | Working pressure for attachments | |
| | 8.3 | Oil flow for attachments | |
| | 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

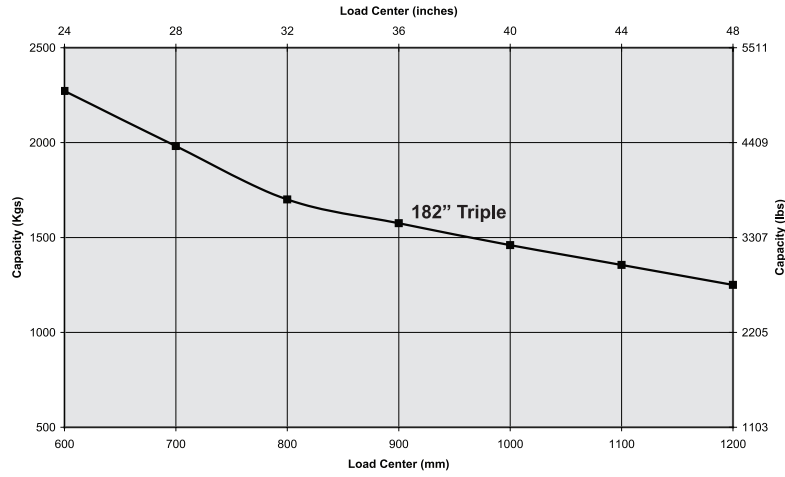
⁴ Lift heights above 215" require 22 x 10 x 16 tires, overall width is 51.97" (1320 mm)

| | | | | | |
|-----------------|----------------------------|-------------------|----------------------------|-------------------|-------|
| | Still | | Still | | 1.1 |
| | RX60-25C | | RX60-30C | | 1.2 |
| | Battery | | Battery | | 1.3 |
| | Rider seated | | Rider seated | | 1.4 |
| Q lb (kg) | 5000 | 2500 | 6000 | 3000 | 1.5 |
| c in (mm) | 24 | 500 | 24 | 500 | 1.6 |
| x in (mm) | 16.54 | 420 | 17.3 | 440 | 1.8 |
| y in (mm) | 62.8 | 1595 | 64.96 | 1650 | 1.9 |
| lb (kg) | 10231 ² | 4651 ² | 11332 ² | 5151 ² | 2.1 |
| lb (kg) | 13437 / 1795 | 6335 / 816 | 15438 / 1894 | 7290 / 861 | 2.2 |
| lb (kg) | 5264 / 4967 | 2393 / 2258 | 5678 / 5654 | 2581 / 2570 | 2.3 |
| | Cushion | | Cushion | | 3.1 |
| in (mm) | 22 x 8 x 16 ⁴ | | 22 x 10 x 16 | | 3.2 |
| in (mm) | 16 x 6 x 10.5 | | 16 x 6 x 10.5 | | 3.3 |
| | 2 x / 2 | | 2 x / 2 | | 3.5 |
| b10 in (mm) | 38.43 | 976 | 42 | 1066 | 3.6 |
| in (mm) | 34.65 | 880 | 34.65 | 880 | 3.7 |
| degrees | 3.0 / 9.0 | | 3.0 / 9.0 | | 4.1 |
| h1 in | See mast table | | See mast table | | 4.2 |
| h2 in | See mast table | | See mast table | | 4.3 |
| h3 in | See mast table | | See mast table | | 4.4 |
| h4 in | See mast table | | See mast table | | 4.5 |
| h6 in (mm) | 87 | 2210 | 87 | 2210 | 4.7 |
| h7 in (mm) | 44.8 | 1139 | 44.8 | 1139 | 4.8 |
| h10 in (mm) | 19.1 | 485 | 19.1 | 485 | 4.12 |
| l1 in (mm) | 139.65 | 3547 | 142 | 3606 | 4.19 |
| l2 in (mm) | 91.65 | 2328 | 94.61 | 2403 | 4.20 |
| b1 in (mm) | 46.61 | 1184 ⁴ | 51.97 | 1320 | 4.21 |
| s/e/l in | 1.75 x 4 x 48 ³ | | 1.75 x 5 x 48 ³ | | 4.22 |
| | Class 2 | | Class 3 | | 4.23 |
| b3 in (mm) | 40.9 | 1040 | 43.3 | 1100 | 4.24 |
| m1 in (mm) | 4.9 | 125 | 4.9 | 125 | 4.31 |
| m2 in (mm) | 4.9 | 125 | 5.0 | 125 | 4.32 |
| Ast in (mm) | 151.65 ¹ | 3854 ¹ | 154.92 ¹ | 3935 ¹ | 4.33 |
| Wa in (mm) | 79.65 | 2032 | 82.48 | 2095 | 4.35 |
| b13 in (mm) | 21.22 | 539 | 22.44 | 570 | 4.36 |
| mph (km/h) | 12 / 12.5 | 19 / 20 | 12 / 12.5 | 19 / 20 | 5.1 |
| fpm (m/s) | 88 / 108 | 0.46 / 0.55 | 88 / 108 | 0.46 / 0.55 | 5.2 |
| fpm (m/s) | 102 / 88 | 0.52 / 0.45 | 102 / 88 | 0.52 / 0.43 | 5.3 |
| lb (N) | 1798 / 1823 | 8000 / 8110 | 1726 / 1807 | 7680 / 8040 | 5.5 |
| lb (N) | 3920 / 3871 | 17440 / 17220 | 3832 / 3875 | 17050 / 17240 | 5.6 |
| % | 21.3 / 29.5 | | 18.1 / 29.0 | | 5.7 |
| % | 25.5 / 29.7 | | 21.7 / 29.0 | | 5.8 |
| s | 4.5 / 4.2 | | 4.7 / 4.2 | | 5.9 |
| | Electric / Mechanical | | Electric / Mechanical | | 5.10 |
| hp (kW) | 20.1 | 15 | 20.1 | 15 | 6.1 |
| hp (kW) | 21.8 | 16.3 | 21.8 | 16.3 | 6.2 |
| in (mm) | 40.95 x 28.6 x 32.1 | 1040 x 727 x 815 | 40.95 x 28.6 x 32.1 | 1040 x 727 x 815 | 6.3 |
| V | 80 | | 80 | | 6.4 |
| Ah | 500 | | 500 | | 6.4.1 |
| lb (kg) | 3263 / 3607 | 1480 / 1636 | 3263 / 3607 | 1480 / 1636 | 6.5 |
| psi (bar) | 3625 | 250 | 3625 | 250 | 8.2 |
| gal/min (l/min) | 7.9 | 30 | 7.9 | 30 | 8.3 |
| | Pin | | Pin | | 8.5 |

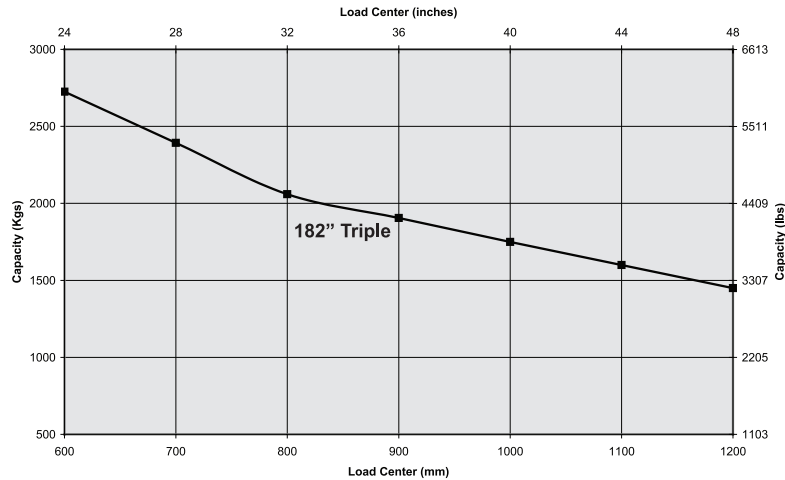
Downrating Charts*

Reference SE tires with standard carriage and forks only

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



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



Capacity*

RX60-25C

1.75" x 4" x 48" Forks-Single Cushion Drive Tires 22 x 8 x 16 (except as noted)

| Mast Table | | | | | | | Capacity @ Load Center | | | | | |
|---------------------|------|-------------------|------|-----------------|------|---------|------------------------|------|------------------|------|-------------------------|------|
| Closed Height h1 | | Lift Height h3 | | Free Lift h2 | | Type | Std Carriage | | Int SS | | Hang-on SS ¹ | |
| in | mm | in | mm | in | mm | | Published 600 mm | | Published 600 mm | | Published 600 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 ² | 2475 | 212.20 | 5390 | 72.50 | 1841 | Triplex | 4550 | 2063 | 4050 | 1837 | 3800 | 1723 |
| 107.40 ² | 2727 | 237.80 | 6040 | 82.30 | 2091 | Triplex | 4325 | 1961 | 2975 | 1349 | 2725 | 1236 |

¹Cascade 45.3" Class III HOSS model #65F-SSS-B012, for Linde

²Requires 10" wide drive tires

RX60-30C

1.75" x 5" x 48" Forks- Single Cushion Drive Tires 22 x 8 x 16 (except as noted)

| Mast Table | | | | | | | Capacity @ Load Center | | | | | |
|---------------------|------|-------------------|------|-----------------|------|---------|------------------------|------|------------------|------|-------------------------|------|
| Closed Height h1 | | Lift Height h3 | | Free Lift h2 | | Type | Std Carriage | | Int SS | | Hang-on SS ¹ | |
| in | mm | in | mm | in | mm | | Published 600 mm | | Published 600 mm | | Published 600 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 ² | 2475 | 212.20 | 5390 | 72.50 | 1841 | Triplex | 5650 | 2562 | 5325 | 2415 | 5075 | 2301 |
| 107.40 ² | 2727 | 237.80 | 6040 | 82.30 | 2091 | Triplex | 5100 | 2313 | 4450 | 2018 | 4200 | 1905 |

¹Cascade 45.3" Class III HOSS model #65F-SSS-B012, for Linde

²Requires 10" wide drive tires

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.

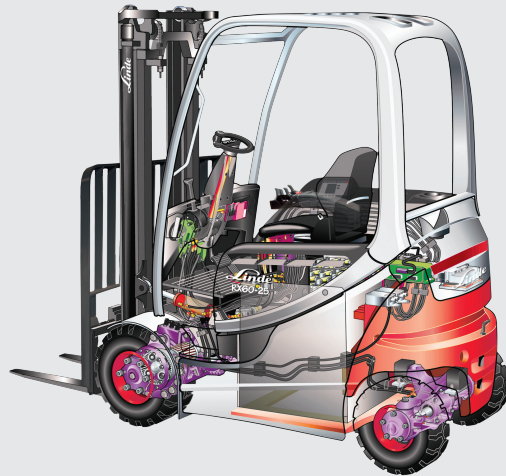
While versatile in a variety of operating conditions the truck is also very efficient. With the highly effective energy return system battery life can be extended by up to 15%. As previously highlighted all high voltage components are mounted inside the counterweight. This design limits energy use while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

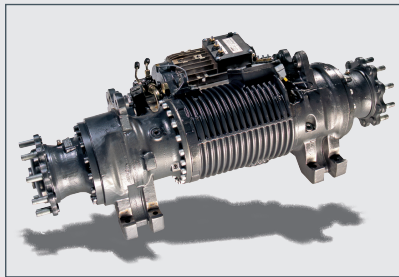


80 Volts electrical system

- 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:

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ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ITSDF B56.1 standards for powered industrial trucks.
NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. Linde Material Handling North America Corporation reserves the right to make improvements and changes in specification or design without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.

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