

Linde Material Handling

Linde

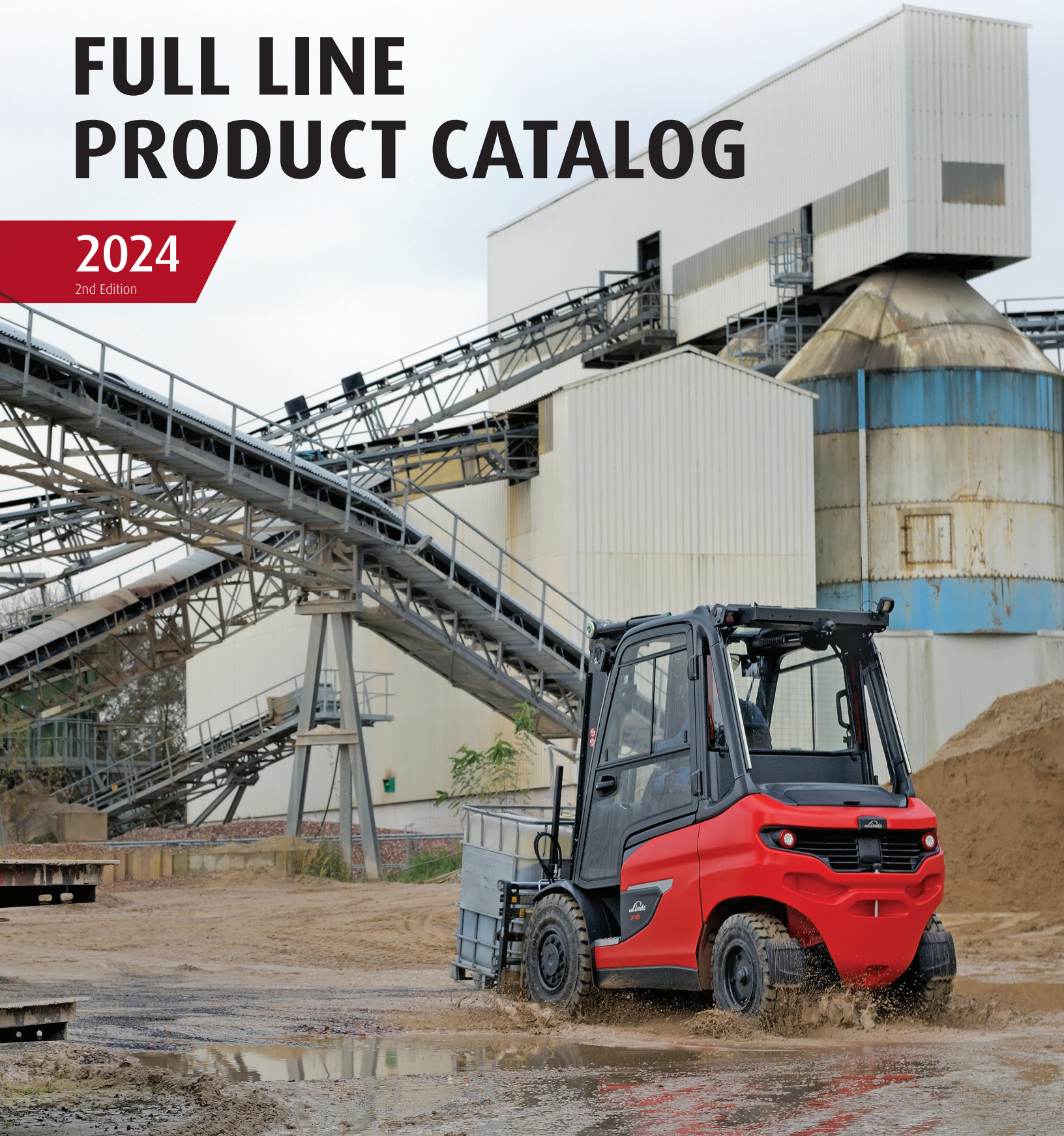
Baoli

Members of KION Group

FULL LINE PRODUCT CATALOG

2024

2nd Edition



“ Baoli forklifts are reliable, powerful and equipped with the options we needed for our application. Additionally, a new Baoli forklift was the same price point as used and rental equipment from other brands. ”

– Ron and Rhonda Lemler
Lemler Pallet



“ With the use of the Linde electric lift trucks, we have not witnessed any loss of performance compared to the combustion trucks we had previously. They're efficient and help us maintain a quiet, clean, and more sustainable environment for our employees. ”

– Philip Peterson
Great Lakes Casting



“ With Linde hydrostatic forklifts, we have had greater productivity, efficiency, lower operating costs and lower labor costs. The bottom line is that we handle more lumber with less lifts and less people by using Linde forklifts. ”

– Richard Queen
Southeast Wood Treating





MATERIAL HANDLING SOLUTIONS FOR PRODUCTION & DISTRIBUTION OPERATIONS

KION North America helps our customers work better, smarter, and more efficiently through manufacturing, delivery, and supporting the best industrial trucks and warehouse technology available.

MATERIAL HANDLING SOLUTIONS

KION North America places value on the traditional strengths of material handling, with more than 100 years of experience, to ensure that it continues to provide innovative logistics solutions for our customers both now and in the future. Our forklift trucks, pallet trucks, and tow tractors enable manufacturing and distribution operations to achieve efficiencies that provide a positive impact on profitability and overall supply chain performance. The results include increased productivity, reduced energy consumption, and decreased operating costs.

OUR BRANDS



Since 1904, Linde MH has been a leading company with great success in the global panorama of the leading manufacturers of forklifts and material handling equipment. The Linde MH brand portfolio offers technologically advanced forklifts ranging from warehouse trucks to heavy trucks and caters to all major application areas. Linde MH forklifts are distinguished by their innovative industrial technology, ensuring customer confidence in the brand. Efficient energy management and reduced operating costs allow us to reach a level of up to 40% savings compared to other brands. With over 70 years of experience

in providing high-performing, durable, and reliable trucks to the European warehouse market, Linde is proud to introduce a full line of warehouse equipment to the North American market with the same level of service and reliability customers have come to expect globally.



Baoli is the greatest value in the industry. Building on its base in China and other growth markets in Asia, Baoli has sales structures in Europe as well as in Central America and South America. Baoli is also represented in North America with a small, but important, product portfolio.

The product portfolio of Baoli comprises forklift trucks with internal combustion engines or electric motors and load capacities of between one and five tons. The company commenced operations in January 2009.

QUALITY THAT DELIVERS

KION North America brands and their products are supported by dedicated factory parts and service personnel, in addition to authorized dealer service technicians located throughout North America. Authorized dealer service technicians receive regular training and are provided with up-to-date technical documentation, qualifying them to carry out efficient servicing and repairs on over 100 types of forklift trucks. To ensure timely delivery, we have opened a brand-new Aftermarket Distribution Center that is home to a 65,000 square foot warehouse, including 4,872 pallet locations, 20,000 small part locations, and nine dock doors.

COUNTERBALANCED TRUCKS

- ELECTRIC COUNTERBALANCED TRUCKS
- INTERNAL COMBUSTION ENGINE COUNTERBALANCED TRUCKS
- HIGH-CAPACITY TRUCKS



COUNTERBALANCED TRUCKS

ELECTRIC COUNTERBALANCED TRUCKS



Linde Series 346

Class I

All drive components are contained in a completely sealed drive axle with an IP54 rating. The dual AC drive motors are mounted in-line, allowing for exceptional run times and minimal wear.

Model	Power Unit	Load Capacity	Wheelbase
E18 (3-wheel)	Electric	3,500 (Q lb)	55.9 (Y in)
E20 (3-wheel)	Electric	4,000	55.9
E20P (4-wheel)	Electric	4,000	61
E20C (4-wheel)	Electric	4,000	61



Linde Series 1346

Class I

The electronically controlled drive and hydraulic functions optimize performance and feature three operational modes: Performance, Productivity, and Efficiency.

Model	Power Unit	Load Capacity	Wheelbase
E18S	Electric	3,500 (Q lb)	46.2 (Y in)
E20S	Electric	4,000	48.2



Linde Series 1293

Class I

Take your first step in transitioning to an electric fleet with the 1293. This series is the best value for performance for an electric counterbalance in the Linde portfolio.

Model	Power Unit	Load Capacity	Wheelbase
E20BHP	Electric	4,000 (Q lb)	57 (Y in)
E25BHP	Electric	5,000	57



Linde Series 1347

Class I

Linde's nested mast design, coupled with the lift chains and hydraulic hoses routed over top of the free lift cylinder maximizes both peripheral and through-the-mast visibility. This ensures the operator can see what is in front of them at all times.

Model	Power Unit	Load Capacity	Wheelbase
E25C	Electric	5,000 (Q lb)	51.2 (Y in)
E25CL	Electric	5,000	55.1
E27C	Electric	5,500	51.2
E27CL	Electric	5,500	55.1
E30C	Electric	6,000	51.2
E30CL	Electric	6,000	55.1
E32CL	Electric	6,500	55.1



Linde Series 1276

Class I

Excellent visibility through the mast is a key element of forklift safety. It is accomplished with narrow, yet deep mast rails; maintaining strength and capacity without unnecessarily obstructing the view.

Model	Power Unit	Load Capacity	Wheelbase
E25S (4-wheel)	Electric	5,000 (Q lb)	67.7 (Y in)
E25SH (4-wheel)	Electric	5,000	67.7
E30S (4-wheel)	Electric	6,000	67.7
E30SH (4-wheel)	Electric	6,000	67.7
E35SH (4-wheel)	Electric	7,000	67.7



COUNTERBALANCED TRUCKS

ELECTRIC COUNTERBALANCED TRUCKS



Linde Series 1252 E

Class I

Optimally suited for dynamic, indoor/outdoor applications with excellent maneuverability and compact design.

Model	Power Unit	Load Capacity	Wheelbase
E20	Electric	4,000 (Q lb)	65 (Y in)
E20/600H	Electric	4,400	66.4
E25	Electric	5,000	65
E25L	Electric	5,000	70.8
E25/600H	Electric	5,500	66.4
E25/600HL	Electric	5,500	72.1
E30	Electric	6,000	67.8
E30L	Electric	6,000	71.5
E30/600H	Electric	6,500	66.4
E30/600HL	Electric	6,500	72.1
E35L	Electric	7,000	73.5
E35HL	Electric	7,000	72.1



Linde Series 1252 X

Class I

The first electric forklift truck which combines the performance and durability of an IC truck with the dynamics and flexibility of a Linde Li-ION electric forklift. Maintain performance with zero emissions.

Model	Power Unit	Load Capacity	Wheelbase
X20/600	Electric	4,400 (Q lb)	72.2 (Y in)
X25	Electric	5,000	72.2
X30	Electric	6,000	73.8
X35	Electric	7,000	73.8



Linde Series 1254 E

Class I

Available with both lead-acid and Li-ION options, this series offers the next advancement of electric forklift technology at a higher capacity. Navigate through demanding indoor and outdoor applications from an ergonomic operator cabin, creating the ultimate balance between efficiency, flexibility, and comfort.

Model	Power Unit	Load Capacity	Wheelbase
E35/600H	Electric	7,700 (Q lb)	75.8 (Y in)
E40/600H	Electric	8,800	75.8
E40/600HL	Electric	8,800	81.5
E45/600H	Electric	9,900	75.8
E45/600HL	Electric	9,900	81.5
E50/500HL	Electric	10,000	81.5
E50/600HL	Electric	11,000	81.5



Linde Series 1254 X

Class I

Take advantage of boosted performance on a Li-ION electric forklift. This series elevates the already high-performing electric counterbalance lift truck to meet the standards of existing Linde internal combustion trucks on the market. Combine the power of IC with the versatility of electric to launch your application into its next phase.

Model	Power Unit	Load Capacity	Wheelbase
X35/600	Electric	7,700 (Q lb)	83.5 (Y in)
X40/600	Electric	8,800	83.5
X45/600	Electric	9,900	83.5
X50/500	Electric	10,000	83.5
X50/600	Electric	11,000	83.5

COUNTERBALANCED TRUCKS

ELECTRIC COUNTERBALANCED TRUCKS



Linde Series 1279

Class I

The Linde energy management system ensures intelligent and economical energy consumption. The projected remaining operating time is automatically calculated for the operator.

Model	Power Unit	Load Capacity	Wheelbase
E60	Electric	13,000 (Q lb)	91 (Y in)
E70	Electric	15,000	91
E80	Electric	17,500	91
E80/900	Electric	17,500	94



Linde Series 1471

Class I

Outfit your operation with our all-new all-electric heavy forklift: The Linde Series 1471. This truck is our response to the call-to-action for carbon footprint reduction. For the first time, operations in need of heavy material handling can be equipped with an entirely electric fleet.

This truck has been engineered for more than the environment in mind. Protect your workforce with improved all-around visibility, vehicle operation color display, and noise reduction which helps the operator stay aware of all nearby obstacles and pedestrians.

Model	Power Unit	Load Capacity	Wheelbase
E100/600	Electric	22,000 (Q lb)	118.1 (Y in)
E120/600	Electric	26,000	118.1
E140/600	Electric	30,000	118.1
E150/600	Electric	33,000	128
E160/600	Electric	35,000	128
E180/600	Electric	39,000	128
E180/900	Electric	39,500	137.8
E100/1200	Electric	22,500	118.1
E120/1200	Electric	26,000	128
E140/1200	Electric	30,000	128
E150/1200	Electric	33,000	137.8
E160/1200	Electric	35,000	137.8

INTERNAL COMBUSTION ENGINE COUNTERBALANCED TRUCKS



Linde Series 391

Class IV & Class V

The exclusive unique, top-mounted tilt cylinders provide smooth precision and control of the load. The result: high stability, fewer shocks, and less noise thanks to maintenance-free cushioning.

Model	Power Unit	Load Capacity	Wheelbase
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CUSHION TIRE TRUCKS

H16CT	LPG	3,000 (Q lb)	59.1 (Y in)
H18CT	LPG	3,500	60.6
H20CT	LPG	4,000	63.0
H20CT/600	LPG	4,500	63.0

SOLID PNEUMATIC TIRE TRUCKS

H16T	LPG	3,000	59.1
H18T	LPG	3,500	60.6
H20T	LPG	4,000	63.0



Linde Series 1319

Class IV

This machine withstands the most brutal conditions in severe applications thanks to our time-tested engineering, design, and manufacturing expertise. Its massive components are designed to operate in adverse conditions and can handle intense utilization with minimum care.

Model	Power Unit	Load Capacity	Wheelbase
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CUSHION TIRE TRUCKS

HT25CT	LPG	5,000 (Q lb)	59.1 (Y in)
HT27CT	LPG	5,500	59.1
HT30CT	LPG	6,000	59.1
HT32CT	LPG	6,500	63.0

COUNTERBALANCED TRUCKS

INTERNAL COMBUSTION ENGINE COUNTERBALANCED TRUCKS



Linde Series 1202

Class V

Thanks to the optimized design of the chassis, cabin, and mast, drivers now have an even better view in all directions. The particularly narrow A-pillar gives the driver good visibility of the load and their surroundings. The lowered front plate also improves the visibility of the forks and the load. The Linde Series 1202 is designed for efficiency, with the driver in mind.

Model	Power Unit	Load Capacity	Wheelbase
SOLID PNEUMATIC TIRE TRUCKS			
H20D/600	Diesel	4,500 (Q lb)	73.4 (Y in)
H20T/600	LPG	4,500	73.4
H25D	Diesel	5,000	75
H25T	LPG	5,000	75
H25D/600	Diesel	5,500	75
H25T/600	LPG	5,500	75
H30D	Diesel	6,000	75.9
H30T	LPG	6,000	75.9
H35D	Diesel	7,000	77.3
H35T	LPG	7,000	77.3



Linde Series 1204

Class V

Robust design and maintenance-free components guarantee high vehicle availability and low operating costs.

Model	Power Unit	Load Capacity	Wheelbase
SOLID PNEUMATIC TIRE TRUCKS			
H35D/600	Diesel	7,700 (Q lb)	79.9 (Y in)
H35T/600	LPG	7,700	79.9
H40D/600	Diesel	8,800	79.9
H40T/600	LPG	8,800	79.9
H45D/600	Diesel	9,900	81.5
H45T/600	LPG	9,900	81.5
H50D	Diesel	10,000	83.1
H50T	LPG	10,000	83.1
H50D/600	Diesel	11,000	81.5
H50T/600	LPG	11,000	81.5



Baoli Series 6010

Class V

The KBG line is equipped with a fully suspended and cushioned operator compartment. Super elastic tires, adjustable comfort suspension seat, and tilt steering column provide a more comfortable ride.

Model	Power Unit	Load Capacity	Wheelbase
PNEUMATIC TIRE TRUCKS			
KBG25	LPG	5,000 (Q lb)	67 (Y in)
KBG30	LPG	6,000	67
KBG35	LPG	7,000	67



Baoli Series 6011

Class V

The Baoli Series 6011 is designed rugged, dependable, and budget-friendly. And while built for all facets of completing the job, the Baoli Series 6011 is also ergonomically designed to keep operators in control.

Model	Power Unit	Load Capacity	Wheelbase
PNEUMATIC TIRE TRUCKS			
KBG40	LPG	8,000 (Q lb)	78.7 (Y in)
KBG50	LPG	10,000	78.7

COUNTERBALANCED TRUCKS

INTERNAL COMBUSTION ENGINE COUNTERBALANCED TRUCKS

CONTINUED



Linde Series 396

Class V

Powerful and agile: two fitting descriptions for the machines of the Linde Series 396. The customer driven design of Linde's high performance hydrostatic trucks make them versatile and cost effective even in the harshest environments.

Linde Series 396 hydrostatic trucks have been designed to match constantly changing customer applications. Linde MH will make every effort to develop and apply technology by designing and manufacturing reliable, more productive, and durable forklifts.

Model	Power Unit	Load Capacity	Wheelbase
SOLID PNEUMATIC TIRE TRUCKS			
H60D	Diesel	13,000 (Q lb)	85 (Y in)
H60T	LPG	13,000	85
H70D	Diesel	15,000	85
H70T	LPG	15,000	85
H80D	Diesel	17,500	85
H80T	LPG	17,500	85
H80D/900	Diesel	17,500	98.8
H80T/900	LPG	17,500	98.8
H80D/1100	Diesel	17,500	110.6
H80T/ 1100	LPG	17,500	110.6

HIGH-CAPACITY TRUCKS



Linde Series 1401

Class V

Operators perform best when working conditions are perfect, just as they are on a Linde Series forklift. The Series 1401 was designed throughout to make the task easier, more efficient, and user-friendly for the operator.

Model	Power Unit	Load Capacity	Wheelbase
PNEUMATIC TIRE TRUCKS			
H100	Diesel	22,000 (Q lb)	116.5 (Y in)
H120	Diesel	26,000	116.5
H120/1200	Diesel	26,000	129.9
H140	Diesel	31,000	116.5
H140/1200	Diesel	31,000	129.9
H150	Diesel	33,000	116.5
H160	Diesel	35,000	129.9
H160/1200	Diesel	35,000	141.7
H180	Diesel	40,000	129.9



Linde Series 1411

Class V

The new Linde range of forklift trucks feature high-quality, well-known, robust, and reliable components that have been thoroughly tested in numerous material handling and heavy-duty, off-road applications to ensure a long operational life.

Model	Power Unit	Load Capacity	Wheelbase
PNEUMATIC TIRE TRUCKS			
HT100D/600	Diesel	22,000 (Q lb)	118 (Y in)
HT100D/1200	Diesel	22,000	118
HT120D/600	Diesel	26,000	118
HT120D/1200	Diesel	26,000	129
HT140D/600	Diesel	31,000	118
HT140D/1200	Diesel	31,000	129
HT150D/600	Diesel	33,000	129
HT150D/1200	Diesel	33,000	137
HT160D/600	Diesel	35,000	129
HT160D/1200	Diesel	35,000	137
HT180D/600	Diesel	40,000	129
HT180D/900	Diesel	40,000	137

WAREHOUSE TRUCKS

- PALLET TRUCKS
- STORING
- CENTER RIDE TOW TRACTOR
- TOW TRACTORS
- VERTICAL ORDER PICKING
- REACH TRUCKS
- MAN-DOWN TURRET TRUCK
- COMBINATION ORDER PICKERS & TURRET



WAREHOUSE TRUCKS

PALLET TRUCKS



Linde Series 1131

Class III

The MT12 features an effective parking brake to hold the truck on slopes or on truck tail lifts. A robust metal bumper protects the drive unit and components, while the low-profile chassis still allows dockboard use.

Model	Power Unit	Load Capacity	Wheelbase
MT12	Electric	2,600 (Q lb)	44.1 (Y in)



Linde Series 1133

Class III

The dual butterfly control levers on the ergonomic tiller head ensure precision traction control with either hand. A built-in charger enables opportunity charging at any convenient power point for optimum uptime.

Model	Power Unit	Load Capacity	Wheelbase
MT15	Electric	3,300 (Q lb)	48.5 (Y in)



Linde Series 8932

Class III

Equipped with a 20Ah Li-ION battery and on-board charger, this pallet jack can find its home in any operation in need of material handling with easy and quick charging capabilities. Or, replace the on-board charger with a second Li-ION battery to keep the MT15B active over multi-shift works.

Model	Power Unit	Load Capacity	Wheelbase
MT15B	Electric	3,300 (Q lb)	46.4 (Y in)



Linde Series 1133-03

Class III

The MT18 features a multifunction display hour meter, maintenance indication, battery discharge indicator, and internal fault code indication.

Model	Power Unit	Load Capacity	Wheelbase
MT18	Electric	4,000 (Q lb)	48 (Y in)



Linde Series 1151

Class III

The combination of AC motor technology and Linde LAC digital control makes these pallet trucks highly productive. Operating parameters can be adjusted to match customer requirements and application.

Model	Power Unit	Load Capacity	Wheelbase
T20	Electric	4,400 (Q lb)	56.6/59.2 (Y in)



WAREHOUSE TRUCKS



Linde Series 8903

Class III

Powered by the AC drive motor, the Linde Series 8903 minimizes operator output and promotes a strain-free working environment. In addition, the parking brake applies immediately when the tiller arm is released, protecting the operator from unintended injury.

Model	Power Unit	Load Capacity	Wheelbase
MT20	Electric	4,500 (Q lb)	55.8 (Y in)



Linde Series 8932

Class III

Introduce your operation to a small-sized heavy-lifter. Easily maneuver the powerful MT22 in tight working conditions. Optional: outfit this pallet jack with a cold storage upgrade for improved flexibility.

Model	Power Unit	Load Capacity	Wheelbase
MT22	Electric	4,500 (Q lb)	51.1 (Y in)



Linde Series 1101

Class III

The largest operator foot space in its class with a premium floor mat ensures enough space to comfortably change foot positioning.

Model	Power Unit	Load Capacity	Wheelbase
EW30	Electric	6,000 (Q lb)	Varies
EWR30	Electric	6,000	Varies
EW40	Electric	8,000	Varies
EWR40	Electric	8,000	Varies



Linde Series 1102

Class III

The operator control handle features a heavy-duty cast design / steel poly construction. Soft-touch accelerator twist grips govern travel direction, speed, and features automatic return to neutral.

Model	Power Unit	Load Capacity	Wheelbase
ECR30	Electric	6,000 (Q lb)	Varies
ECR40	Electric	8,000	Varies

STORING



Linde Series 1169

Class III

The EWS cast frame and overall rigid design makes this unit extremely stable, allowing for industry best residual capacity.

Model	Power Unit	Load Capacity	Wheelbase
EWS10	Electric	2,000 (Q lb)	49 (Y in)
EWS12	Electric	2,500	49
EWS14HD	Electric	3,000	49



Linde Series 1172

Class III

The combination of a new AC motor and Linde LAC digital controller makes these pallet stackers highly efficient. Operating parameters can be adjusted to match any application.

Model	Power Unit	Load Capacity	Wheelbase
L10	Electric	2,200 (Q lb)	51.2 (Y in)
L10B	Electric	2,200	51.2
L12	Electric	2,650	51.2
L12i	Electric	2,650	51.2

WAREHOUSE TRUCKS

STORING CONTINUED



Linde Series 8907

Class III

Low fatigue operation. All operator controls are accessible without having to lift the hand from the handle, creating less operator fatigue.

Model	Power Unit	Load Capacity	Wheelbase
ML14ASX	Electric	3,000 (Q lb)	54.9 (Y in)



Linde Series 8908

Class III

All operator controls are accessible without having to lift the hand from the handle, creating less operator fatigue.

Model	Power Unit	Load Capacity	Wheelbase
ML20AS	Electric	4,000 (Q lb)	Varies



Linde Series 1173

Class III

The hand guards on the control handle effectively shield the hands and keep the operator positioned within the truck's contours with excellent visibility through the mast.

Model	Power Unit	Load Capacity	Wheelbase
L14	Electric	3,000 (Q lb)	44.5 (Y in)
L16	Electric	3,500	44.5
L20	Electric	4,400	56.1

CENTER RIDE TOW TRACTOR



Linde Series 1103

Class III

Truck frames feature fixed platform height and all seam-welded unitized construction. Plate steel contoured to shape for rigid strength provides maximum durability and protection for all vital components.

Model	Power Unit	Load Capacity	Wheelbase
ETR 50	Electric	10,000 (Q lb)	55.3 (Y in)
ETR 75	Electric	15,000	55.3

TOW TRACTORS



Linde Series 1191

Class VI

The independent, all wheel suspension gives this truck improved maneuverability and excellent stability. The regenerative braking prolongs battery run-time and ensures truck availability throughout the day.

Model	Power Unit	Load Capacity	Wheelbase
P60	Electric	13,000 (Q lb)	49.9 (Y in)
W08	Electric	15,400	74.8
P80	Electric	17,600	57.7

WAREHOUSE TRUCKS

VERTICAL ORDER PICKING



Linde Series 5021

Class II

High-powered motors provide fast operational speeds and controls are ergonomically designed to combine technology and ergonomic purpose to maximize productivity.

Model	Power Unit	Load Capacity	Wheelbase
V10	Electric	2,200 (Q lb)	55.71 (Y in)



Linde Series 1355

Class II

Large operator foot room and brake area with a premium floor mat, ensure enough space to comfortably change foot positioning throughout the day.

Model	Power Unit	Load Capacity	Wheelbase
V15 - 24V	Electric	3,000 (Q lb)	56.1 (Y in)
V15 - 36V	Electric	3,000	56.1



Linde Series 8906

Class II

The Linde Series 8906 can elevate an operator up to as much as 192" from the floor, turn around in as little as 72", and can be driven at height to move from task to task.

Model	Power Unit	Load Capacity	Wheelbase
MV05	Electric	1,000 (Q lb)	49 (Y in)

REACH TRUCKS

Pantograph Reach Trucks



Linde Series 5195

Class II

Comfort and visibility in all load handling functions are enhanced with a clear view, armored glass overhead guard. The operator does not have to lean outside the frame of the truck to see loads at extended heights.

Model	Power Unit	Load Capacity	Wheelbase
R15SX	Electric	3,000 (Q lb)	60.9 (Y in)
R17SX-24V	Electric	3,500	58.9
R17SX-36V	Electric	3,500	60.9
R22SX	Electric	4,500	60.9



Members of KION Group

WAREHOUSE TRUCKS

REACH TRUCKS

Moving Mast Reach Trucks



Linde Series 1120

Class II

The R14 – R 20 is an extremely versatile truck, designed for the widest possible range of applications: Tailor-made, cost-effective, and highly-productive narrow aisle storage solutions.

Model	Power Unit	Load Capacity	Wheelbase
R14S	Electric	3,000 (Q lb)	50.2 (Y in)
R14G	Electric	3,000	50.2
R16S	Electric	3,500	54.5
R16S N	Electric	3,500	54.5
R16S HD	Electric	3,500	54.5
R16G	Electric	3,500	54.5
R20S	Electric	4,500	59.8
R20S N	Electric	4,500	59.8
R20S W	Electric	4,500	59.8
R20G	Electric	4,500	59.8

MAN-DOWN TURRET TRUCK



Linde Series 5024

Class II

The new Linde A Man-down range is a versatile VNA system truck designed for high density storage and retrieval of unit loads in very narrow aisles. In addition to modern, functional styling, the A range provides an environment in which the operator can work in complete comfort and safety.

Model	Power Unit	Load Capacity	Wheelbase
A-Modular	Electric	2,200 (Q lb)	62.8 (Y in)
A-Modular	Electric	3,000	68.4
A-Modular	Electric	3,000	76.5

COMBINATION ORDER PICKERS & TURRET



Linde Series K

Class II

The unique modular design ensures that an individual K truck's specification can be tailored to match the application precisely in order to maximize productivity at all times. The smart electronics of Linde System Control (LSC) continuously monitors the truck's technical potential in order to deliver optimum simultaneous lift and travel speeds relative to lift height and load weight.

Model	Power Unit	Load Capacity	Wheelbase
K-Modular	Electric	2,200 (Q lb)	62.4 (Y in)
K-Modular	Electric	2,500	62.4
K-Modular	Electric	2,500	62.4
K-Modular	Electric	2,850	68.1
K-Modular	Electric	3,300	77.3



ULTS 1280

AUTOMATED TRUCKS

PR14



AUTOMATED TRUCKS



iGo neo

Autonomous Horizontal Order-Picker

The iGo neo Autonomous Horizontal Order-Picker assists manual low level order picking operations. The truck autonomously follows the operator enabling them to pick without needing to drive or reposition.

Model	Navigation	Load Capacity	Overall Size
iGo neo	Autonomous Operator Recognition	5,500 (lb)	114-152x32-40 (in)



P-MATIC

Automated Tugger Train

The Linde P-MATIC is the automated tugger-train specializing in high volume horizontal material transport.

Model	Navigation	Load Capacity	Overall Size
R-MATIC	Laser hybrid navigation	11,000 (lb)	70x32-36 (in)



L-MATIC AC

Automated High Lift Pallet Stacker

Linde's L-MATIC automated pallet stacker specializes in horizontal transport interfacing between floor and low height transfer locations.

Model	Navigation	Load Capacity	Overall Size
L-MATIC	Laser navigation	2,200 (lb)	114x39 (in)



R-MATIC

Automated Counterbalanced Narrow Aisle Forklift

The Linde R-MATIC is the automated narrow aisle counterbalanced forklift specializing in high-level narrow aisle storage.

Model	Navigation	Load Capacity	Overall Size
R-MATIC	Laser hybrid navigation	3,500 (lb)	102-56.7 (in)



K-MATIC

Automated Counterbalanced Narrow Aisle Forklift

The K-MATIC is Linde's automated very narrow aisle (VNA) turret truck specializing in high density very narrow aisle pallet storage.

Model	Navigation	Load Capacity	Overall Size
K-MATIC	In-aisle: wire	3,100 (lb)	133-153x59-61 (in)



LINDE GUARDIAN

OPERATOR ASSISTANCE SYSTEM

The Linde Guardian system assists all personnel involved in internal traffic. The systems can see around corners and can be programmed to suit any hazardous scenario. By use of truck, infrastructure and pedestrian units, the product provides full-service awareness technology.

HAZARDOUS WORKPLACE ZONES FOR INDUSTRIAL TRUCKS AND PEDESTRIANS

At corners, junctions or hall entrances, industrial trucks can pose a risk to pedestrians. The Linde Guardian system provides advance warnings to both the operator and pedestrians. The warning signal can be transmitted through walls and racking, and is accurate to within 10 centimeters. Warnings are only triggered when there is a clear danger, thus avoiding false alarms. An additional option reduces the travel speed in the event of danger, if necessary in a certain direction: if a person passes in front of a reversing forklift, the vehicle is not slowed down.

EXCESSIVE SPEED

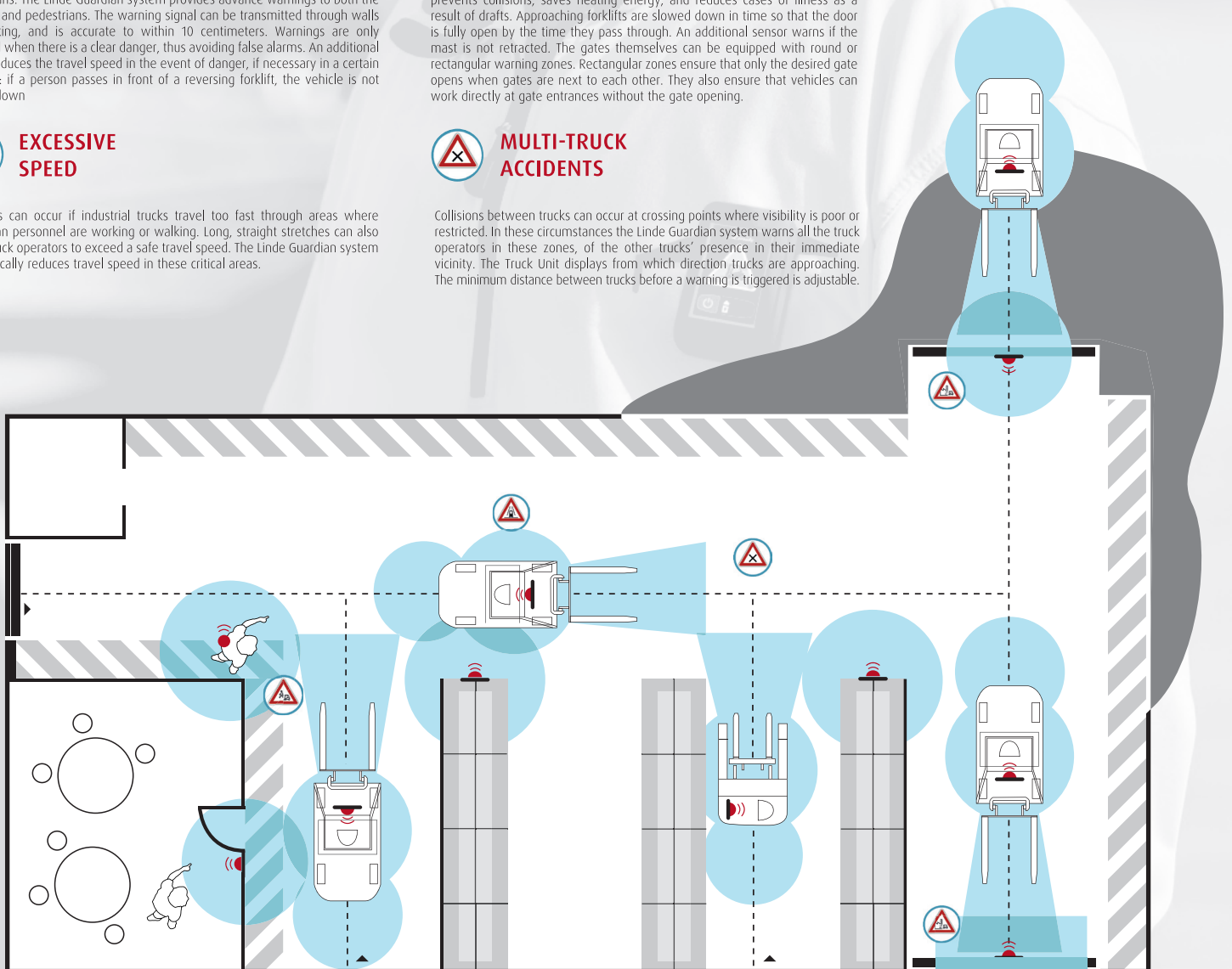
Accidents can occur if industrial trucks travel too fast through areas where pedestrian personnel are working or walking. Long, straight stretches can also tempt truck operators to exceed a safe travel speed. The Linde Guardian system automatically reduces travel speed in these critical areas.

COLLISIONS WITH THE INFRASTRUCTURE

With Linde Guardian, high-speed doors open and close automatically. This prevents collisions, saves heating energy, and reduces cases of illness as a result of drafts. Approaching forklifts are slowed down in time so that the door is fully open by the time they pass through. An additional sensor warns if the mast is not retracted. The gates themselves can be equipped with round or rectangular warning zones. Rectangular zones ensure that only the desired gate opens when gates are next to each other. They also ensure that vehicles can work directly at gate entrances without the gate opening.

MULTI-TRUCK ACCIDENTS

Collisions between trucks can occur at crossing points where visibility is poor or restricted. In these circumstances the Linde Guardian system warns all the truck operators in these zones, of the other trucks' presence in their immediate vicinity. The Truck Unit displays from which direction trucks are approaching. The minimum distance between trucks before a warning is triggered is adjustable.



PRODUCT MODULES



Truck Unit Display

The Truck Unit warns the industrial truck operator via LED lights and acoustic signals.



Truck Unit Small

The Truck Unit small is attached to the forklift and communicates with stationary modules such as the Static Unit or the Zone Marker.



Zone Marker

The Zone Marker defines speed-restriction areas.



Sensors

Detect the modules carried by pedestrians and industrial trucks in the defined potentially hazardous zones.



Static Unit Display

The Static Unit marks hazardous zones in critical areas such as access doors or low visibility intersections. This module warns the environment via acoustic signals and LED lights.



Portable Unit

The Portable Unit warns personnel of approaching industrial trucks using acoustic signals, LED lights and vibration.



Charger

The Charger charges the Portable Unit inductively. The fully automatic activation ensures optimum ease of operation.

KION NORTH AMERICA AT A GLANCE

- Design, build, deliver, support
- Material handling solution provider
- Innovative technologies for optimized performance
- Global industry leader
- Comprehensive product range
- LPG, diesel, and electric lift trucks

ABOUT KION NORTH AMERICA

KION North America Corporation is a member of the KION Group, one of the world's two leading manufacturers of industrial trucks and the largest manufacturer of electric forklifts. Their brand companies, Linde and Baoli, serve the specific industrial truck requirements of the U.S., Canadian, and Mexican markets with a comprehensive and complementary product portfolio. Headquartered in Summerville, S.C., KION North America produces material handling equipment known for their innovative technologies, reduced energy consumption, and low operating costs. KION North America also works closely with their sister company, Dematic, the global leader in automated material handling that provides a comprehensive range of intelligent supply chain and automation solutions.

Our values, leadership, innovation, and performance make us what we are. The success of the KION Group can be attributed to the commitment and talents of our team. The KION North America team makes breakthrough innovations that push our products forward, improve our business, and delight our customers.



Registered
to ISO 9001

MISSION

We improve the lives of those who are involved in the handling of materials.

VISION

To be the trusted source for material handling solutions to help our customers work better, smarter, and more efficiently.

COMPANY FACTS

- Profile: Material handling equipment manufacturer
- Ownership: KION Group
- Headquarters: Summerville, SC
- Employees: 350+
- Production facility: 250,000 sq ft
- Distribution Warehouse: 65,000 sq ft
- Sales & Service Locations: 227

For more information on Linde Material Handling equipment, please contact:



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Linde Material Handling

The Linde logo features the word 'Linde' in a white, elegant, cursive script font, centered on a red rectangular background.

Member of KION Group

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