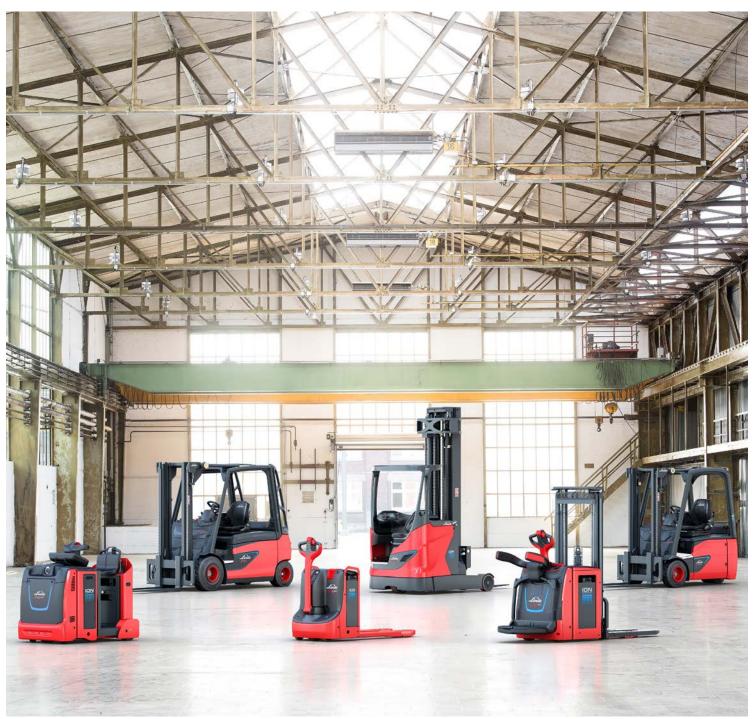
## Company / Product Overview

























# **Our History**

Linde Material Handling grew out of a diversified German industrial organisation, with roots of more than 125 years. From the outset, Linde has been associated with the highest standards of engineering brilliance, attracting famous employees including Rudolf Diesel.

By the 1906s, Linde had established itself in the world market for industrial equipment, especially forklifts, setting new standards of productivity thanks in large part to its development and adoption of the hydrostatic drive. In the early stages, the hydrostatically driven forklift had a smooth ride, simple and precise handling, as well as low wear and high safety. It set benchmarks which competitors struggled to match.

The company then expanded its material handling equipment globally through new product development and strategic acquisitions in Europe and the United States, and in 2006 became part of the KION group, a worldwide provider of forklifts, warehouse equipment and other industrial trucks.

In 1993, Chinese Premier Li Peng and German Premier Helmut Kohl signed the official cooperation agreement in Beijing's Great Hall of the People, founding Linde (China) Forklift Truck Corp Ltd. By 1996, the new Linde factory in Xiamen was ready for production. This provided a complete range of counterbalance and warehouse trucks.

Today, Linde is one of the world's largest manufacturers of forklift and warehouse equipment and is a strong market leader of premium products in Europe and in China.

Linde Material Handling Asia Pacific Pte Ltd was established in Singapore in 1994 and is a wholly owned subsidiary of the German manufacturer.



1959

Head Office, Aschaffenburg, Germany



Aschaffenburg, Germany





Châtellerault, France



Singapore



Shah Alam, Malaysia



Thailand



Hong Kong

# **Company Brief**

### Linde Material Handling Asia Pacific Pte Ltd

Established in 1994 with its regional headquarters in Singapore and augmented with offices situated in Malaysia & Thailand, it has a network of strategically placed distributors in each country, providing a complete range of counterbalance and warehousing trucks, explosion-proof trucks, with professional and comprehensive services as well as solutions in logistic design and consultancy.

As the regional centre, the Singapore office is equipped with impressive facilities including service workshops, sales and service training facilities, a demonstration area and a regional parts center that provides direct sales, rentals and customer services whilst ensuring our channel partners are provided with complete support where excellent sales and service are assured, wherever our customers may be.

## The Linde Brand

Linde is synonymous with high quality in production matched by the standard of services we provide. The Linde Brand quarantees safety in every aspect, efficiency in performance, low energy and operating costs, comfort in design for fatigue-free work, unsurpassed reliability with a complete range of products to suit your application.

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### Why choose Linde















#### One Stop Shop

Linde's MHE sales consultants can provide a complete range of solutions, from hand pallet jacks to heavy forklift trucks and even specialised warehouse equipment. Our consultants are ready to assist you with warehouse planning and fleet management systems ensuring each Linde equipment performs to its productive best.

#### Hire a Linde

From rental terms of a single day to periods of up to 5 years with an extensive range of models and financing options to choose from, our short and long term rental plans give your business flexibility to remain successful in the ever changing economic environment.

#### Get a pre-owned Linde

For developing businesses that require high quality material handling solutions but are not yet able to justify investing in new machines, Linde Used Equipment offers excellent cost effective alternatives and financing options to suit your needs. Our factorybacked used forklifts come with a Linde Certified Pre-owned Equipment Warranty together with the support of our extensive network for parts supply, advice and forklift servicing.

#### **Customer Service**

Our technicians are highly regarded for their comprehensive skills and their "fix it right the first time" attitude. It's what you'd expect from our specialists who are factory trained and whose skills are regularly updated with in-service training. It also helps that Linde's engineering tradition not only features brilliant design but also simplifies forklift maintenance. Original parts being always available in stock, your equipment uptime will be maximised.

#### Linde Material Handling never sleeps

With a global spare parts warehouse in Kahl (Germany) having 95% original spare parts availability dispatching 6,000 parts daily, and a 24/7 emergency supplies, you can be assured that Linde is there all day, every day for you.

#### Genuine Linde Spare Parts: The Best Choice

For optimal performance, accuracy of fit, fast assembly and a long service life, Linde's genuine spare parts ensure maximum safety and availability. With application orientated kits for maintenance and servicing, and a quarantee for 12 years of spare parts supplied after end of production, Linde spare parts are truly the best and only choice.

#### Reddot Design Award

Linde first won the Reddot Design Award in 1991 and continues winning the award year after year with new models launched. An internationally recognised design competition, Reddot Design nominees are assessed on the criteria of: degree of innovation, functionality, ergonomics, durability, ecological compatibility and ease of use.

#### VNAP – Design your own truck

Automatic calculation and design of high level order picker and Very Narrow Aisle (VNA) truck specifically for each individual customer based on racking layout and operational requirements. Optimum and technically safe customer specific configuration of the truck allows for further optimisation and adaptation.

#### Linde Fleet Management System

The Linde Fleet Management System provides an overview of all operator(s) and truck(s), facilitating easy management, and greater control. By tracking daily operator activity against working hours, supervisor(s) can easily detect performance inefficiencies and/or misuse, leading to higher productivity and gaining greater insight whilst ensuring the safety and compliance of your operations.

#### **Functions**

#### Access Control

Have control over who has access to your truck fleet by restricting operator access via Pin or RFID. Other truck access parameters such as access period and specific truck allocation can also be configured to cater to different requirements.

#### Crash Detection

An embedded shock sensor and calibration allows detection of abnormal vibration(s) caused by impact, for instance, hitting an object or driving through uneven surfaces. Collected data allows management to intervene in situations where operator(s), vehicle(s) or task(s) are repeatedly involved in damage or safetyrelated incidents. Damage through inappropriate use should reduce significantly.

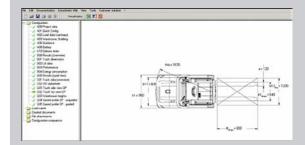
#### Lithium-Ion (Li-Ion) Battery Solution

Designed to integrate perfectly with Linde trucks, these maintenance-free batteries allows opportunity charging, and have proven their worth in a wide spectrum of applications including the cold storage. They also possess at least twice the lifespan of lead variants, and in some cases several times more, depending on the application in question. In addition, the energy efficiency of the new technology is significantly better! More than 90% of the charge energy can be used to drive the vehicle, compared to only 60% with the conventional technology!

#### Speed Assist

Make your warehouse a safer working environment for your employees with our Linde Speed Assist! The assistance system adjusts the maximum speed of the forklift truck to suit indoor and outdoor operations, using the latest radar sensor technology which can be configured to the surroundings and customer requirements.

### **Premium Operations Comes From Professional Solutions**









**Engineered** for your performance

Our Solutions | 4 Our Solutions | 5

## Making the right choice !!



<u>1292 Series</u> 1.5 Ton - 2.0 Ton

4 Wheels Configuration

Max Lift Height: 6,000mm

Stacking - Counterbalance Trucks - Electric

### Stacking - Counterbalance Trucks - Engine, Diesel & LPG



6006 Series

Smart Line

Performance

Premium

2.5 Ton - 3.5 Ton Diesel / LPG Torque Converter Max Lift Height: 6,500mm



1408 Series 8.0 Ton - 10.0 Ton

Diesel Torque Converter Max Lift: 6,000mm



<u>1220 Series</u>

2.5 Ton - 3.5 Ton Diesel / LPG Hydrostatic Max Lift Height: 6,600mm



352 Series

3.5 Ton - 5.0 Ton Diesel Hydrostatic Max Lift Height: 6,700mm



Diesel



<u>1411 Series</u>

10.0 Ton - 18.0 Ton Torque Converter Max Lift Height: 7,000mm







<u>1293 Series</u> 2.0 Jon - 2.5 Jon

4 Wheels Configuration

Max Lift Height: 6,500mm

<u>1276 Series</u>

2.5 Ton - 3.5 Ton 4 Wheels Configuration Max Lift Height: 6,600mm



<u>1287 Series</u>

4.0 Ton - 5.0 Ton 4 Wheels Configuration Max Lift Height: 6,700mm



391 Series

1.4 Ton - 2.0 Ton Diesel / LPG Hydrostatic Max Lift Height: 6,000mm



396 Series

5.0 Ton - 8.0 Ton/1100mm LC Diesel / LPG Hydrostatic Max Lift Height: 9,000mm



1202 Series

2.0 Ton - 3.5 Ton Diesel / LPG Hydrostatic Max Lift Height: 7,780mm



1401 Series 10.0 Ton - 18.0 Ton/1200mm LC Hydrostatic Max Lift Height: 7,000mm



1204 Series

3.5 Ton - 5.0 Ton Diesel / LPG Hydrostatic Max Lift Height: 7,300mm



Max Lift Height: 5,300mm

<u>8917 Series</u>

1.0 Ton

Stand-On

3.5 Ton - 5.0 Ton/ 600mm LC 4 Wheels Configuration Max Lift Height: 6,300mm



386 Series

1.2 Ton - 2.0 Ton 3 / 4 Wheels Configuration Max Lift Height: 6,000mm



**1279 Series** 

6.0 Ton - 8.0 Ton/ 900mm LC 4 Wheels Configuration Max Lift Height: 8,600mm



1252 Series

2.0 Ton - 3.0 Ton 4 Wheels Configuration Max Lift Height: 7,700mm



**1471 Series** 

10.0 Ton - 18.0 Ton 4 Wheels Configuration Max Lift Height: 7,000mm

Our Products | 6

## Making the right choice !!



### **Transporting**



032 Series 2.0 Ton - 3.0 Ton Manual Operation Travel Distance: Short Operation Type: Light

Pallet Truck

Tow Tractor



1158-20 Series
2.0 Ton
Foldable Platform
Travel Distance: Medium
Operation Type: Medium



1131-02 Series
1.5 Ton
Battery-operated
Travel Distance: Short
Operation Type: Light



1158 Series 2.0 Ton - 3.0 Ton Foldable Platform Travel Distance: Long Operation Type: Heavy



1.5 Ton – 2.0 Ton Battery-operated Travel Distance: Short Operation Type: Light



1158 Series 2.0 Ton - 3.0 Ton Fixed Platform Travel Distance: Long Operation Type: Heavy



1.6 Ton - 2.0 Ton Pedestrian Travel Distance: Short Operation Type: Medium



1154 Series
2.0 Ton
Rider
Travel Distance: Long
Operation Type: Heavy



Storage

1.016 Series
1.0 Ton
Manual
Pedestrian
Max Lift: 1,600mm



1169 Series 1.0 Ton - 1.4 Ton Pedestrian / Platform Max Lift: 4,266mm



1171 Series 0.6 Ton - 1.6 Ton Pedestrian Max Lift: 4,266mm



1.0 Ton - 1.2 Ton Pedestrian Max Lift: 4,386mm



1166 Series 1.2 Ton - 1.5 Ton Pedestrian Max Lift: 4,500mm



1183 Series 1.4 Ton - 2.0 Ton Pedestrian / Platform Max Lift: 5,316mm



8904 Series
1.3 Ton
Indoor
Pedestrian
Max Speed: 4.5km/hr



1193 Series 2.0 Ton Indoor / Outdoor Stand On Max Speed: 8km/hr



1189 Series
3.0 Ton - 5.0 Ton
Indoor
Stand On
Max Speed: 10km/hr



131 Series 5.0 Ton Indoor Pedestrian Max Speed: 6km/hr



1123 Series 1.4 Ton - 1.8 Ton Indoor Stand On Max Lift: 6,220mm



**1165 Series** 

Pedestrian / Platform

Max Lift: 4,970mm

1.6 Ton

115 Series 1.6 Ton - 2.0 Ton Indoor Seated Max Lift: 12,155mm



1120 Series 1.0 Ton - 2.5 Ton Indoor/Outdoor/Narrow Seated Max Lift: 12,955mm



8923 Series 2.0 Ton - 2.5 Ton Indoor / Four way Seated Max Lift: 9,650mm



8910 Series 5.0 Ton - 6.0 Ton Indoor / Outdoor Seated Max Speed: 17km/hr



1191 Series 6.0 Ton - 8.0 Ton Indoor / Outdoor Seated Max Speed: 20km/hr



12.0 Ton - 35.0 Ton Indoor / Outdoor Seated Max Speed: 20km/hr



5007 Series Platform 2.0 Ton - 3.0 Ton platform Indoor / Outdoor Seated Max Speed: 20km/hr



5195 Series
1.35 Ton
Indoor
Pantograph
Max Lift: 10,700mm

## Making the right choice !!



**System Solutions** 

### **Order Picking**



1159 Series 2.0 Ton - 2.4 Ton Stand On Travel Speed: 12km/hr



1110 Series 2.0 Ton Stand On Travel Speed: 10km/hr \*With raised platform



8905 Series 0.2 Ton Stand On Travel Speed: 6.5km/hr



5224 Series 1.5 Ton Max Lift: 12,800mm Man-Down Truck \*Modular Concept



5231 Series 0.7 Ton – 1.5 Ton Max Lift: 18,000mm Man-Up Truck \*Modular Concept

K-Matic
1.0 Ton – 1.5 Ton
Max Lift:

12,000mm

Geoguidance Navigation



5021 Series 0.8 Ton - 1.0 Ton Picking Height: 6.350mm Travel Speed: 10km/hr \*Modular Concept



<u>5214 Series</u> Picking Height: 12,000mm Travel Speed: 13km/hr \*Modular Concept



<u>5215 Series</u> Picking Height: 10,940mm Travel Speed: 9km/hr \*Modular Concept



P-Matic 5.0 Ton Automatic / Manual Driving Travel Speed: 8km/hr Geoguidance Navigation

T-Matic 3.0 Ton Automatic / Manual

L-Matic / L-Matic AC 1.2 Ton - 2.0 Ton / 1.6 Ton Automatic / Manual

Geoguidance Navigation

Driving Travel Speed: 6km/hr Geoguidance Navigation

R-Matic 1.6 Ton Automatic / Manual Driving Geoguidance Navigation



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### Contact/Location

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