

Grasp new possibilities

Electric Pallet Truck and Stacker range 1152 and 1172 series

Linde Material Handling

Linde



The key solution to taking hold of greater productivity.

The new innovative operator/truck interface, Sinergo[®] creates a synergy between the operator and these pedestrian trucks. Sinergo[®] delivers the Safety, Innovation and Ergonomic benefits of these pedestrian trucks to the operator in the best way. Handling the new Linde pallet trucks & pallet stackers, operators will experience this new Sinergo[®] handling concept. They will appreciate its user-friendly design incorporating upgraded Linde features to improve pallet handling efficiency, ease of use and safety. The Linde tiller on these pallet trucks and pallet stackers combines both ergonomically smart and intuitive control.

As innovative as the user interface, are the material used, e.g. Grivory[®], a unique, highly advanced and high performance polymer.

New motor and battery covers made from user-friendly Exxtral[®] material with ergonomic finishing enhance the operator/truck interface.

Reliable and powerful partners, these Linde trucks maximise workplace productivity.

Sinergo[®]





A pallet stacker which lifts beyond expectations.

The new range of Linde pedestrian pallet stackers come in 1.0t and 1.2t capacities, and includes a 1.0t "Basic" and an additional "versatile" 1.2t initial lift version.

They are the ideal trucks for stacking pallets or gitterboxes in warehouses, retail stores or workshops.

A compact pallet truck to handle your tasks.

The new range of Linde pedestrian pallet trucks includes three different models with capacities of: 1.6, 1.8 and 2.0t. All three models offer a perfect solution for application such as: lorry loading and unloading as well as horizontal transport.





Off-centred tiller. The 1172 series has a uniquely shaped off-centre tiller head which keeps the operator safely within the truck's contours whilst ensuring excellent visibility through the mast.



Stable and reliable. Robust construction makes this a truck to rely on. Its excellent stability results from its four point design. Low centre of gravity and excellent residual capacity for all mast types assure high performance and safer load handling in every application.

Built-in and built-out fork carriage. Built-in or built-out? Choose from a variety of different fork carriage options to tailor these trucks to any situation. Whether handling pallets or gitter-boxes, each load is handled in the best way possible, keeping mast deflection to a minimum whilst maintaining high safety standards.

“Linde standards”: at the heart of all Linde trucks



Hand protection and handling. Superb hand protection: all functions are within easy reach. The handle is convenient and comfortable to use, even when wearing gloves.



Safety-oriented construction. Moulded heavy-duty steel chassis with low skirt, guarantees operator safety by preventing operator's feet becoming trapped under truck.



Long tiller & low mounting. A long tiller arm with a low mounting point ensures a large safety clearance between operator and chassis, as well as providing light steering for sharp corners.

Evolution and innovation are key concepts behind all Linde product development. While working on new enhancements, Linde keeps tried-and-tested features from previous models whilst ensuring they remain at the highest quality standards.

These Linde standard features are at the core of the pedestrian pallet truck and stacker. The “Linde standards” harness robustness, ergonomics, safety and comfort to ease daily operations.



Storage compartments. Each truck is equipped with easy-to-reach storage compartments to optimise the operator's work. Wide, deep compartments securely hold items such as shrinkwrap, pens, markers and other equipment.



Built-in charger. Both trucks can be equipped with built-in chargers for great flexibility allowing charging whenever & wherever needed. The charger cable and socket are neatly stored for easy and safe use. This charger can charge up to 375 Ah both gel and lead batteries at the touch of a switch.



Tough, flexible motor cover. Strong, long-lasting Exxtral® motor cover with memory effect protects the technical compartment from impacts. This highly flexible material resists shocks and reduces damage costs.

Linde standards on pallet trucks



Forks and fork tips. Sturdy, rigid forks ease load handling. Cast steel fork tips give greater durability in use, withstanding loads of 2,0 tonne on each fork tip without bending.



Castor wheels. Three-wheel configuration with two adjustable castor wheels leads to perfect traction behaviour. The castor wheels are larger and mounted on shock absorbers to maintain truck stability while handling loads.

Compact and powerful to take loading and unloading applications in its stride.

Most frequently used for lorry loading and unloading, this truck handles pallets in confined difficult-to-manage spaces such as inside freight containers or road trailers.

Through new Linde developments, compactness is an integral part of this new ergonomic range, enabling exceptional manoeuvrability in tight areas. And the right amount of power truck robustness to match this tough environment has been provided.

Both pallet truck and stacker cope with compact environments through reduced length, a new tiller shape and an innovative Creep speed function. Linde engineers have also added an AC motor linked to an electronic controller which provides a booster effect, giving added torque when required. Reliable and efficient, this new innovative line of trucks with new Grivory® and Extral® materials are robust and performs well on dock levellers and when starting on ramps.





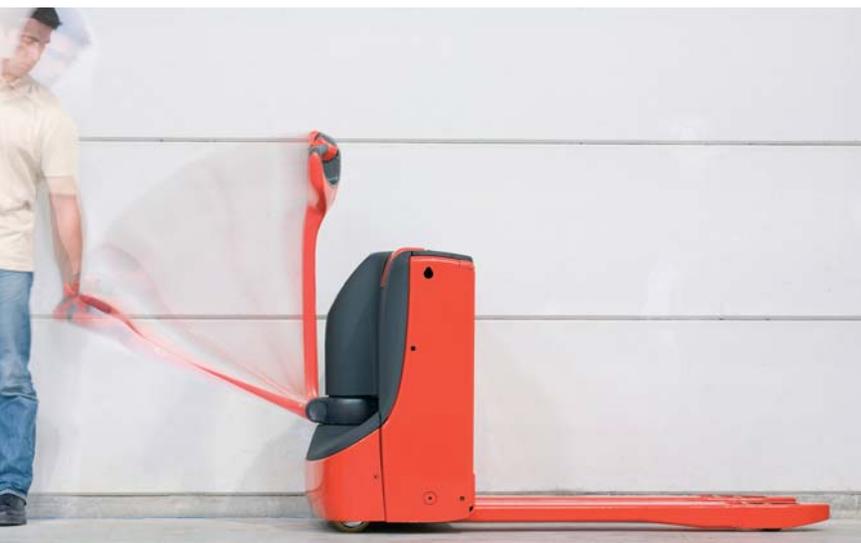
AC motor with booster effect. The new pallet truck and stacker range now includes advanced AC technology that improves performance and increases torque when crossing dock levellers or climbing ramps. The standard booster effect automatically provides an extra torque surge for difficult situations, such as driving out of a pothole, climbing over small steps or pulling out a shrink wrapped pallet stuck in a lorry. The operator can easily extract the truck from all situations while remaining in complete control.

Grivory® and Exxtral® Materials. With the new high performance Grivory® material used for the tiller and tiller head Linde takes a step further and changed their metal into Grivory®. Light and warm, it gives no compromise regarding robustness, stiffness or rust protection for a highly resistant trucks interface. For the new motor and battery cover Linde launched Exxtral®, a user-friendly, soft material with ergonomic finishing touches. At the same time it is also sturdy, colour resistant and rustproof with a memory effect protecting the internal components. These two new materials enable longer life time in heavy duty application.



Creep speed. The Linde Creep speed feature allows the truck to manoeuvre in confined areas with the tiller in an upright position, normally one of the braking zones. By activating the Creep speed button, easily accessible by either hand, a top speed of 1.5 km/h is set for the truck. The operator can then freely operate and easily manoeuvre the truck on a tail-lift while loading or unloading.

Load transfer that goes the distance.



This full range of Linde pedestrian pallet trucks and stackers provides competitive innovation for today's time-sensitive load transfer operations.

At Linde, operator safety and comfort is essential. This especially applies to pedestrian trucks transferring loads over short or medium distances often in difficult conditions.

Linde trucks include safety enhancements such as a proportional speed feature and a new tiller concept that provides end-of-stroke resistance and soft fold-back. Combined with an intuitive and ergonomic handle, operators value the confidence they get from Linde trucks when tackling their work.



New tiller: end-of-stroke resistance and soft fold-back. The new ergonomically designed tiller includes added safety features with end-of-stroke resistance. This feature provides an added barrier at the end of the tiller stroke before it crosses into the safety braking zone. On top of that, a soft fold-back function prevents the tiller from quickly snapping back onto the cover. These additional safety features contribute to safer load handling.

Proportional speed. Traction speed is automatically adjusted depending on tiller angle. As the operator gets closer to the truck the tiller moves towards the vertical, truck speed reduces until it comes to a smooth stop with the tiller upright and the electromagnetic brake applied. This innovative concept is another example of the utmost priority Linde gives to operator comfort and safety.



Wide application and high performance with precision.

The new Linde pallet stacker range covers medium to high storage areas thanks to a wide range of masts each offering excellent visibility. Traditional Linde stability and best-in-class residual capacities improve performance while maintaining the utmost safety.

To comply with the many different operating environments, customers are demanding high precision handling combined with the versatility to go beyond the usual capacities of a stacker.

Linde OptiLift® meets the operators' highest expectations when stacking pallets at height with smooth, precise lifting and lowering. Combined with soft landing of the forks and an initial lift version, Linde pallet stackers are the best choice and the most reliable warehouse partner.

OptiLift® and soft landing. Linde OptiLift® is a fully proportional lifting system directly actuated by the hydraulic pump. OptiLift® helps operators achieve greater accuracy and productivity by precisely controlling the forks and saving energy. Linde's automatic soft landing function protects the load during every lowering operation by decelerating the forks before touchdown.

Initial lift. Pallet stackers are required to be more and more versatile in today's warehouses. This brand new Linde pallet stacker range includes an initial lift function on the 1.2t model to take it beyond the common applications. It safely and precisely handles ramps, dock levelers and remains stable on uneven surfaces.



Protective truck monitoring, truck access and additional safety features.

Being protected - on all sides and in every application - forms the spirit of Linde trucks. It is not just about guaranteeing a safe load but also about protecting users, those nearby and the truck itself. As protection is always firmly in mind, Linde solutions are designed to be safe and easy for everybody to use.

A multifunctional display informs the operator of truck status. At no extra cost, PIN-code access provides extra-secure access to protect against misuse.

Linde trucks have a wide range of options to give your work place the highest level of safety and control.





Multifunction display. Linde's digital multifunction display provides a full package of features that are easy to view. It provides continuous updates of truck status with the hourmeter, through pictograms or failure alarms and codes to assure proper preventive maintenance. The battery discharge indicator advises the right time to charge the battery. The display panel is yet another way to get the most out of your Linde truck - now and in the future.



Controlled "Key or Key pad" access. You choose the way to start the truck. Whether by traditional key or by entering a 5 digit PIN-code into LFMgo which is a free of charge option. A large number of access codes can be set to give selected operators truck access but preventing any misuse.



Easy, side battery change. Optional side battery change allows easy battery switching. Easy to operate and safe, the quick change feature allows the battery to be rolled off to either side of the truck. Its special locking system ensures that the battery is securely kept in place. As standard, vertical battery change is also available.

Fast and simple maintenance at a glance

Keep down time to a minimum and increase productivity, these are Linde's objectives. The maintenance-free Linde AC motor and CAN-bus connectivity help meet these needs whilst streamlined service code readouts and easy access to components aids faster interventions by the Linde service team. This is another example of how Linde innovation keeps maintenance costs and truck down time low while maintaining high performance.



CAN-bus architecture. Besides quick adjustments to operating parameters, intelligent CAN-bus technology also provides a broad spectrum of state-of-the-art truck diagnosis and maintenance functionality. It carefully monitors all key functions for quick and simple diagnosis by a service engineer.

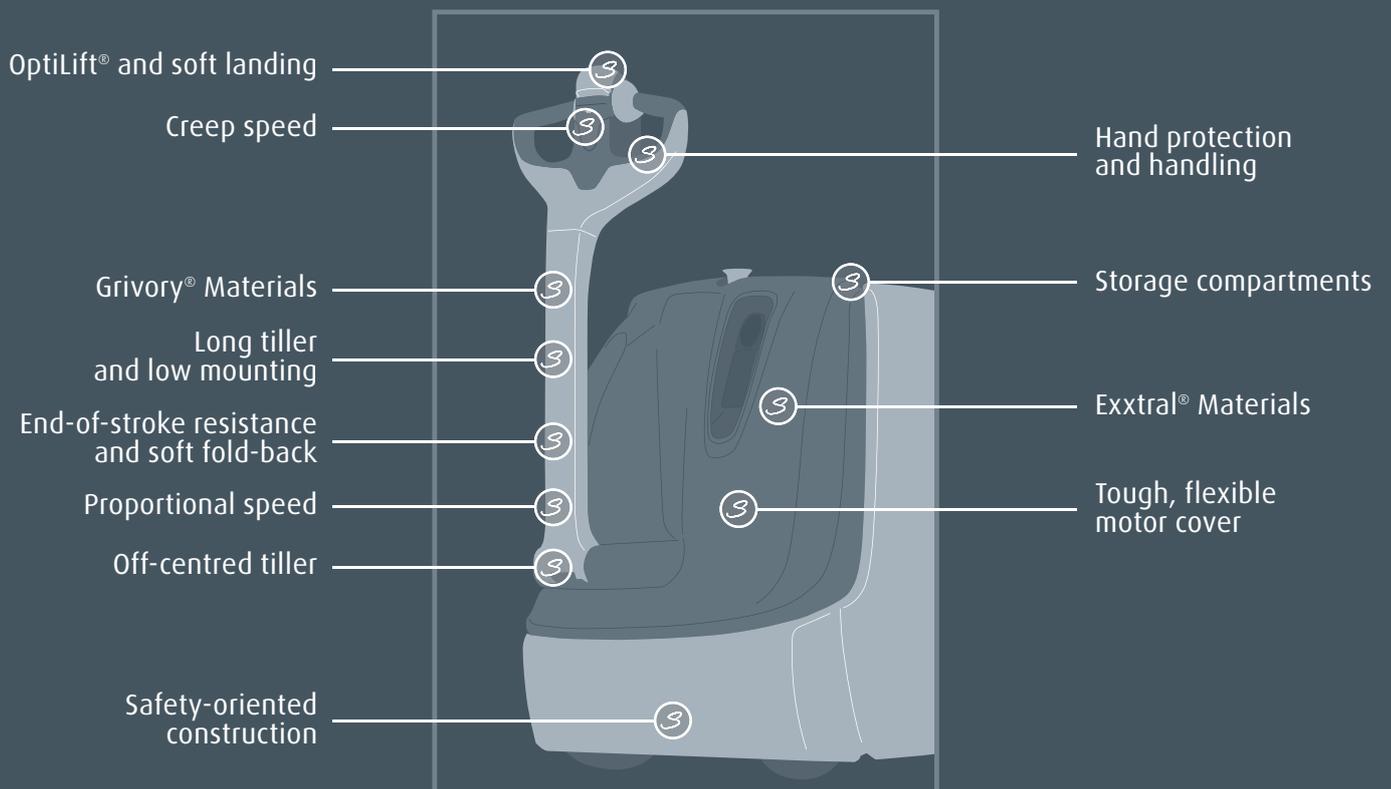


Quick access, reduced wear. The motor service panel provides fast and easy access to all internal components. As all electrical cables are sheathed, service work can be handled fast. The electromagnetic braking system extends maintenance intervals by reducing wear and tear.

Maintenance free AC motor. New technology in the AC drive motor allows Linde to increase the time between services to 1000 operating hours, or once a year depending on shift patterns.



Sinergo®, the ultimate link between operator and truck





With annual sales exceeding 100,000 forklift and warehouse trucks, Linde ranks among the world's leading manufacturers. This position has been justly earned. Linde trucks excel not only with their recognized innovative technology but especially their low energy and operating costs, which can be as much as 40% less than competitors.

High quality in production is matched by the standard of the services we provide. With our ten manufacturing plants and a comprehensive network of local sales partners, we are at your call around the clock and around the world.

Your local Linde partner offers you a complete single-source package. From qualified pre-sales consulting through the sale to after-sales service; including finance packages matched to your business requirements. Leasing, rental or hire purchase. Flexibility is maintained in your operational and decision-making processes.

Excellence at work.

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