

Linde Material Handling

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## Pedestrian Electric Pallet Truck MT20A Li



Models &  
Performance



Performance &  
Convenience



Safety &  
Reliability



Adaptability



Service &  
maintenance



Top features



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Models & Performance

Performance & Convenience

Safety & Reliability

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Service & Maintenance

Service & Top features

1132-00

Model description



MT20A (Li)

2000kg@600mm

MT 20 A (Li)

Lithium

APAC/ Advanced

2T Load capacity

Electric pallet truck (Light Range)

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Lifting height **115mm**



**Lithium :**  
**48V30Ah**



Lifting or Lowering speed, with/without load  
**0.021-0.046m/s**



Load capacity  
**1 2.0T**



**2.0T: 4.4/4.6 km/h**



Turning radius  
**1450mm**



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## Linde DNA intelligent operation tiller

- Linde DNA intelligent tiller: unique appearance, ergonomic operation, single hand operation and accessible layout of function keys
- All operations can be done by one finger
- Precise lifting control
- Spacious tiller head layout
- The stripe design increases the grip to avoid tiller slip from hands





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## Magnetic suction switch & Instrument display



- The standard magnetic switch provides a safe starting mode. The key is small and portable, which is convenient for vehicle management
- Multi-display showing charging state, remaining power, fault code and working hours



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## Creep Speed

- 2 slow modes are provided, which are suitable for the use of narrow spaces such as elevators and trucks

1. Easy switch to creep speed –2.0 km/h

2. Press the speed switch and forward button to initiate stand-up movement , speed 1.0 km/h



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## Linde Lithium battery

- **48V30Ah(2T) Maintenance Free LFP Battery**

Working hour for 3-4hours

- **Service life: about 2000 cycles**

- **Lower energy consumption, longer working time**

- **BMS have a protection system for short circuit, overload, overcurrent**

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## lithium battery charger

- Charger with standard plug, 220V household input voltage, flexible operation, can be charged at any time. The metal shell charger has high strength and strong crush resistance, avoiding battery damage caused by vehicle vibration
- 2T: 48V15A charger, fast charging speed, charging duration: 2h

■ Notice - The charger will adjust the required current and voltage to charge the battery according to its needs, controls the current level, protects the battery cell, and extends its service life.



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## Rich storage space

- There is a square groove on the top of the battery cover to provide storage space for users to carry electronic equipment, stationary and other documents
- 685mm fork model truck is equipped with storages at each sides for extra storage space



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■ Anti collision switch ■ Emergency brake



■ push down brake



## Multiple braking modes

- Provide emergency precaution for vehicles, prevents vehicles from hitting vehicles or pedestrians

## Polyurethane Wheels

- It can be applied to various road conditions with low noises. Good abrasion resistance, long service life. The diameter and width of the driving wheel are increased to improve the stability

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## Curtis controller

- Curtis controller has been tested reliable on other pallet trucks.

## Metal drive cover

- All cover is metal, more solid and reliable
- Protect the drive motor from exposure
- Drive cover provides all-round protection

## Copper wire harness

- Copper core harness, more reliable quality



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## High quality strength frame

- Powder coating is more environmentally friendly ( Comply with ISO 14001/45001) and it improves the adhesion of the paint surface, more resistant to the scratch and fade, so the paint can be maintained for a longer time
- Robot welding improves the strength of the frame fork, the surface weld is more consistent, which can eliminate the stress concentration caused by manual welding, which can not only prevent the deformation and cracking of the fork, but also have a better looking



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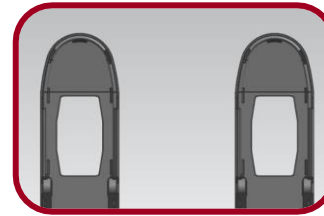
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## The patented design of reinforced fork

- Stiffener at the bottom of the fork tip improves the overall strength of the fork, preventing the deformation caused by the uneven stress of operation, and extend life



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## Comfort

- Electric lifting and lowering ensure efficiency and stability



VS



- The steering structure is not directly connected with the oil cylinder, providing light steering force, reducing the relative rotation movement of internal and external oil cylinders, lower the risk of oil leakage, reducing failure rate and after-sales cost

Other brand steering structure      MT20A steering structure

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- **Castor wheels, with shock absorption effect, can alleviate the impact caused by uneven ground, especially suitable for tall and wide goods**



**2.0T**

**6/16%**



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## Maintenance convenience

- With the same diagnostic instrument as on other pallet trucks, after-sales engineers can adjust the travelling speed and acceleration according to customers' application to meet their needs.
- The CAN Bus communication system can deliver data in time, displaying power and maintenance code accurately, help to control the vehicle state in time and facilitate vehicle management





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## Low power protection

- When the power display of the instrument is lower than 20%, the system automatically switches the lifting function to prevent over discharge

## Auto sleep

- Automatic shutdown without use for 60 minutes to avoid accident. Reducing energy consumption and extending working hours



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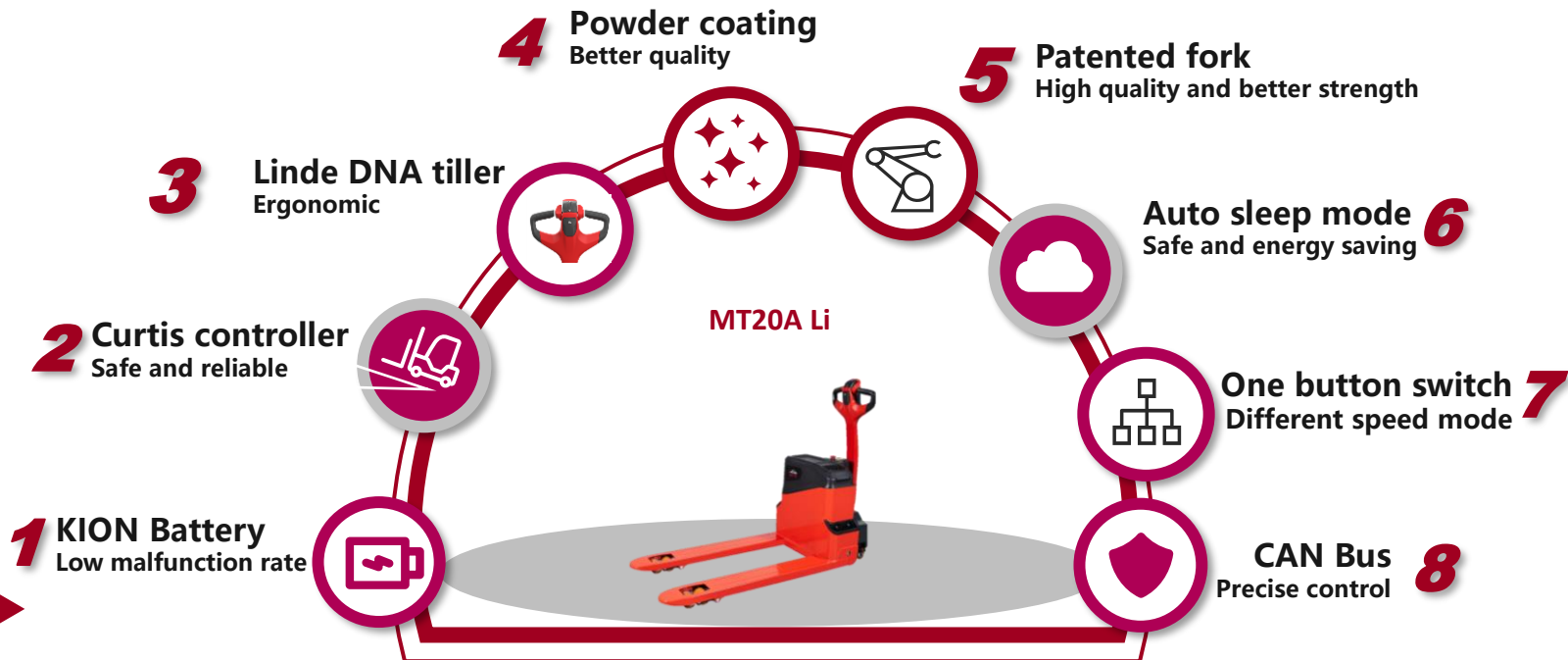
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## Configuration/Option List

### ■ Standard

- ✓ Lithium battery 48V/30Ah(2T)
- ✓ Dual load wheels
- ✓ Electricity meter
- ✓ On-board charger
- ✓ Castor Wheel (with shock absorption)
- ✓ Creep speed & three speed switch

### ■ Option

- Fork Width of 560/685mm

- X No low temperature ( < 5°C) and cold storage protection
- X No weighing system
- X No CO available



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