Stand-on Electric Pallet Truck
T 20 AP
2000 kg

Features
- Electronic management of all components permitting quick and easy diagnosis
- All performance parameters can be configured exactly by the service technician for every individual mission

Drive system
- Top speed 7.5 km/h (loaded and unloaded)
- Automatic braking on releasing the travel switch
- Electromechanical braking initiated by the emergency stop button
- Automatic drive motor, proportional to the load carried
- Well-controllable representative braking on reversing directions of travel

Safety
- Three-way braking systems: automatic braking by LBC on releasing travel control switch; electromechanical braking when tiller is moved fully up or down; electronic braking by reversing travel control switch. Emergency stop button interrupts all electric circuits and actuates electromechanical brake. Round truck contours, no sharp edges, and all wheels contained within chassis, do not turn beyond truck contours. Hands protected within tiller head guard.

Performance
- The 1.5kW AC motor guarantees reaction on start-up and a high top speed, almost identical whether unloaded or loaded. The developed power is operated by LAC and is perfectly controlled.

Comfort
- Precision working at the highest level of performance calls for a high level of operator comfort. The platform is fitted with a tiltable anti-vibration mat which dampens impacts. When combined with electric steering, this new platform provides incomparable operating and handling comfort.

Reliability
- Electronical load heaves. Provide excellent reliability especially on the uneven ground. Each fork tip endures a load of 2000 kg without bending. Smooth entry of the fork into closed pallets is assisted by the rounded tip shape, lead-in, and narrow width (165 mm). Features that contribute to considerably longer truck lifetime as well as fast, easy and safe load handling.

Service
- Speed and accuracy continue over into truck diagnosis and preventive maintenance. CAN-Bus connectivity enables all truck data to be read out on laptop computer by the service technician. Swift access to all components and maintenance-free AC motors play an additional part in keeping truck uptime.

Standard and Optional Equipment

Standard Equipment
- Battery discharge indicator
- Suspension platform with slip-resistant mat
- Workstation incorporating storage compartments
- Fork 560/1150
- Power-assisted steering, adjustable steering resistance
- Automatic speed reduction on cornering
- AC drive motor
- Automatic braking on releasing butterfly switch
- Two fixed castor wheels
- Cushion drive wheel
- Tandem polyurethane load wheels
- Electric horn
- Low temperature protection to –10°C

Optional Equipment
- Side battery charger
- Fork 680/1150
- Polyurethane drive wheel
- Cold store version to –35°C
- Multifunctional display

Other options available on request

- CAN-Bus connectivity
- Electronic management of all components permitting quick and easy diagnosis
- All performance parameters can be configured exactly by the service technician for every individual mission

- Proportional power assisted steering, effortlessly to operate
- Automatic speed reduction when cornering
- Adjustable steering feedback resulting in outstanding stability

- Vertical battery change
- Multi-core control handlebars
- Complete AC motor
- Maintenance-free AC motor
- Moisture and dust-proof motor
- Gradeability 13% fully loaded
- No rollback on uphill starting

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### Technical Data

#### Manufacturer
- Linde

#### Model designation
- T 20 AP

#### Power unit
- Battery

#### Operation
- Stand-on

#### Load capacity
- 2000 kg

#### Load center
- 600 mm

#### Axle load
- 895/962 kg

#### Axle distance
- 1431/1497 mm

#### Service weight
- 867 kg

#### Axle load
- 1133/1734 kg

#### Tyre size
- Ø 254 x 102 mm

#### Tyre size
- Ø 85 x 105 mm

#### Tyre size
- Ø 125 x 40 mm

#### Wheels
- 1X+2/4

#### Track width
- 544 mm

#### Track width
- 545/395/515 mm

#### Fork height
- 1103/1287 mm

#### Overall length
- 2288 mm

#### Overall width
- 769 mm

#### Lift motor output
- 7.5 kW

#### Lifting speed
- 0.036/0.043 m/s

#### Lowering speed
- 0.064/0.060 m/s

#### Max. Climbing ability
- 13/20%

#### Service brake
- Electro-mechanical

#### Drive motor output
- 1.5 kW

#### Noise level at operator's ear
- <70 dB(A)

#### Battery voltage
- 24/345 V

#### Battery weight
- 297 kg

#### Type of drive control
- LAC variator

#### Aisle width
- 55 x 165 x 1150 mm

#### Battery capacity
- 560/680 Ah

#### Ground clearance
- 30/155 mm

#### Overall height
- 1999 mm

#### Overall width
- 2199 mm

#### Axle distance (fork raised)
- 1999 mm

#### Turning radius
- 7.5 m

#### Travel speed
- 0.036/0.043 m/s

#### Lifting speed
- 0.064/0.060 m/s

#### Lowering speed
- 0.036/0.043 m/s

#### Battery voltage
- 24/345 V

#### Battery weight
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- LAC variator

#### Aisle width
- 55 x 165 x 1150 mm

**Figures for standard version may vary when optional equipment is fitted.**

1) Folded platform
2) Unfolded platform