Standard Equipment

General
- Four wheel configuration
- Pneumatic tyres
- Tractor without cab
- Left or right hand drive steering position
- Adjustable steering column
- Programmable performance parameters
- All dimensions subject to usual tolerances.

Optional Equipment
- Automatic single position, front and/or rear towing couplings
- Contoured solid (superelastic) tyres
- Reverse warning beeper
- Flashing or rotating beacon on cab
- Rear lights mounted high at rear of cab
- Optional cab with front and rear screen wipers/washers
- Cab with sliding or hinged doors
- Cab without sides
- Cab with flexible roll up sides
- Optional Equipment
- Full road lighting
- Standard colour scheme - vermilion and charcoal grey
- Trailer lighting socket
- Automatic single position, rear towing coupling
- Remote inching control
- Hydrostatic power steering
- Non-suspension PVC passenger seat
- Adjustable steering column
- Left or right hand drive steering position
- Tractor without cab
- Pneumatic tyres

Electronics
- 80 V/400V, high-efficient energy saving system
- 2 x 15 °K9, maximum performance from AC drive motors
- Advanced Linde AC digital controller
- Precise control of speed and acceleration
- Seamless performance and high productivity.

Safety
- The heavy duty chassis and cab module provide assured protection for the operator while three independent braking systems deliver responsive stopping power for all situations including automatic speed control depending on gradients.
- A low centre of gravity ensures outstanding stability.
- The energy saving Linde AC digital controller combined with superb regenerative braking control offers impressive pulling power for a variety of intensive applications.
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Performance
- With a nominal towing capacity of 25.0 tonne and unladen weight of 7.0 tonne the P 250 offers flexible high performance which is optimised by the Linde AC digital control system providing precise, energy saving control of acceleration and speed for high productivity. The curved front screen and profiled chassis ensures excellent manoeuvrability.
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Comfort
- A low step facilitates access to spacious operator's cab where the automotive layout of the pedals, direction lever, steering wheel and controls, together with a fully adjustable suspension seat provides a comfortable fatigue-free driving environment. Cab suspension dampers and a spring damped suspension system front and rear ensures superb levels of driving comfort.
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Service
- Two powerful, high torque 10 kW AC drive motors provide impressive pulling power for a variety of intensive applications.
- The energy saving Linde AC digital control system combined with excellent manoeuvrability and an intuitive interface between the operator and tractor, facilitates that power into versatile, seamless performance and high productivity.

Reliability
- Designed for intensive heavy duty applications the rugged, welded construction is constructed from heavy section steel plate for optimum torsional stiffness and strength for high resistence to impact. All key components are protected within the chassis while electronic components are housed in sealed aluminium enclosures for assured reliability & long life.
- The heavy duty chassis and cab module provide assured protection for the operator while three independent braking systems deliver responsive stopping power for all situations including automatic speed control depending on gradients.
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Ergonomics
- The automotive pedal and control layout
- Spacious cab and headroom
- Under-bonnet space for adjustments, parts and spare batteries
- Easy entry and exit, low step height
- Smooth zero to low line coupling

Features
- Long and short wheelbase versions
- Safest redundant sensory gauge sheet plate
- Maximum torsional resistance and rigity
- Hybridised components
- Low profile chassis for all-round visibility
- Electric push-button parking brake
- Three independent braking systems
- Maintenance-free AC drive technology
- Three independent braking systems
- Maintenance-free AC drive technology
- Standard Equipment
- Optional Equipment
- Alternative colour schemes
- Full suspension passenger seat
- Fabric covered seats
- Electric or diesel heater and demister
- 240 mm rear coupling extension
- Traction isolated by seatswitch and/or parking brake
- Emergency circuit isolator/Failsafe circuitry
- Keyswitch
- A range of chargers is available to suit application
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Tow coupling
- Automatic rear towing coupling as standard
- Optional remote automatic and multi-position couplings
- Front and rear towing coupling options
- Hand of braking control as standard
- A range of chargers is available to suit application
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Braking
- Hydraulic power steering
- Effortless manoeuvrability
- Low profile chassis for all-round visibility
- Hydrostatic power steering
- Electric push-button parking brake
- Three independent braking systems
- Maintenance-free AC drive technology
- Standard Equipment
- Optional Equipment
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Technical Data according to VDI 2198

### Characteristics

| 1.1 Manufacturer       | LINDE
| 1.2 Model designation   | P250 (SWB) 1)  
|                          | P250 (LWB) 1)  |
| 1.3 Power unit          | Battery
| 1.4 Operation           | Seat
| 1.5 Load capacity Q (t) | 25.0 1)  
|                          | 25.0 1)  |
| 1.7 Rated tractive force F (N) | 5000 1)  
|                          | 5000 1)  |

### Weights

| 2.1 Service weight (kg)   | 3800  
| 2.2 Axle load with load, front/rear (kg) | 2000 / 2100  
| 2.3 Axle load without load, front/rear (kg) | 1900 / 1900  

### Wheels/Tyres

| 3.1 Tyres rubber, SE, pneumatic, polyurethane | Pneumatic
| 3.2 Tyre size, front | 6.00 R9
| 3.3 Tyre size, rear | 7.00 R12

### Dimensions

| 4.1 Height of overhead guard (cabin) h6 (mm) | 1820  
| 4.2 Height of seat/stand-on platform h7 (mm) | 745  
| 4.4 Towing coupling height h10 (mm) | 240, 295, 350, 405  
| 4.5 Platform height, unladen h11 (mm) | 1000  
| 4.8 Loading platform, length l3 (mm) | 1520  
| 4.9 Rear overhang l5 (mm) | 615  
| 4.10 Loading platform, width b9 (mm) | 1170 (1120)  
| 4.11 Overall length l1 (mm) | 3045  
| 4.12 Overall width b1/b2 (mm) | 1300  
| 4.13 Ground clearance, centre of wheelbase m2 (mm) | 150  
| 4.14 Turning radius Wa (mm) | 2830  
| 4.15 Minimum pivoting point distance b13 (mm) | 935  

### Performance

| 5.1 Travel speed, with/without load (km/h) | 11 / 25 3)  
| 5.5 Tractive force, with/without load (N) | 5000  
| 5.6 Maximum tractive force, with/without load (N) | 16000  
| 5.10 Service brake | Electric/hydraulic  

### Drive

| 6.1 Drive motor, 60 minute rating (kW) | 2x 10
| 6.4 Battery voltage/rated capacity (5h) (V/Ah) | 80 / 620  
| 6.5 Battery weight (± 5%) (kg) | 1558  
| 6.6 Power consumption according to VDI cycle (kWh/h) | upon request

### Others

| 8.1 Type of drive control | AC - microprocessor  
| 8.4 Noise level at operator’s ear (dB(A)) | upon request  

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1) Based on level, dry surface with rolling resistance of 200 N/t.
2) at rear
3) 72 V circuit available, Traction speed is reduced by 10%.

Comment on diagram:
- Load/gradient combinations by full line can be raised from stationary on the gradient.
- The permissible haul per hour is the total distance travelled, including the return journey and any downhill gradients. It is recommended that braked trailers are used for trailer loads exceeding 9 tons and for all trailer loads where a gradient is involved.