



Electric Tow Tractor P250

24 t. Capacity | Series 5007-10

- Powerful electric motors for a high towing capacity of up to 35 tons at top speeds of up to 25 kilometers per hour
- High maneuverability for effortless control of the heaviest loads in narrow production halls and warehouses
- Operator's compartment decoupled from chassis and drive axle equipped with coil spring and damping system that protects from any vibrations
- Free choice between lead-acid batteries and lithium-ion batteries

STANDARD & OPTIONAL EQUIPMENT

Model / Equipment		P250 (SWB)	P250 (LWB)
Safety	Chassis protection	○	○
	Gradient assist	●	●
	Automatic speed reduction when cornering	○	○
	Safety belt	○	○
	Linde BlueSpot™	○	○
	Flashing / Rotating Beacon on / below overhead guard	○	○
	Additional emergency buttons located in the rear part	●	●
	Key switch	●	●
Operation / Load Handling	Log in PIN code	○	○
	Inching control	●	●
	Load platform lighting	○	○
	Reversing camera	○	○
	Speed reduced if deep discharge	●	●
	External rear-view mirrors	○	○
Digitalisation	Telescopic rear-view mirrors	○	○
	Linde connect: desk	○	○
	ac: access control (PIN or RFID)	○	○
	dt: crash detection	○	○
	Linde connect: cloud	○	○
Workplace	Data Transmission (WiFi or Online)	○	○
	Suspended Cabin	●	●
	Steering wheel with knob	○	○
	Air conditioning	○	○
	Heating	○	○
	Multifunction coloured display with hour meter, maintenance indication, battery discharge indicator, internal fault code indication, selected drive direction and actual steering wheel position	●	●
	Radio	○	○
	Electrical socket and USB-connection	○	○
	Sun visor	○	○
Attachment / Forks	Support clipboard DIN A4	○	○
	Lighting for rear towing attachment	○	○
	Electric. socket 12 V (13-pole)	○	○
Axles and Tyres	Tyre Conti. RV20	●	●
	SE-SIT Continental	○	○
	SE-SIT non marking	○	○
Drive and Brake-System	Onboard charger	○	○
	Lateral battery change option	●	●
	Vertical battery change option	○	○
	Battery 3 PzS 420 – 465 Ah	—	—
	Battery 4 PzS 560 – 620 Ah	●	—
	Battery 5 PzS 700 – 775 Ah	—	●
	Battery 6 PzS 840 – 930 Ah	—	○
Service	Battery 8 PzS 1120 – 1240 Ah	—	—
	CAN bus technology	●	●
	Free maintenance braking system	●	●

● Standard equipment

○ Optional equipment

— Not available

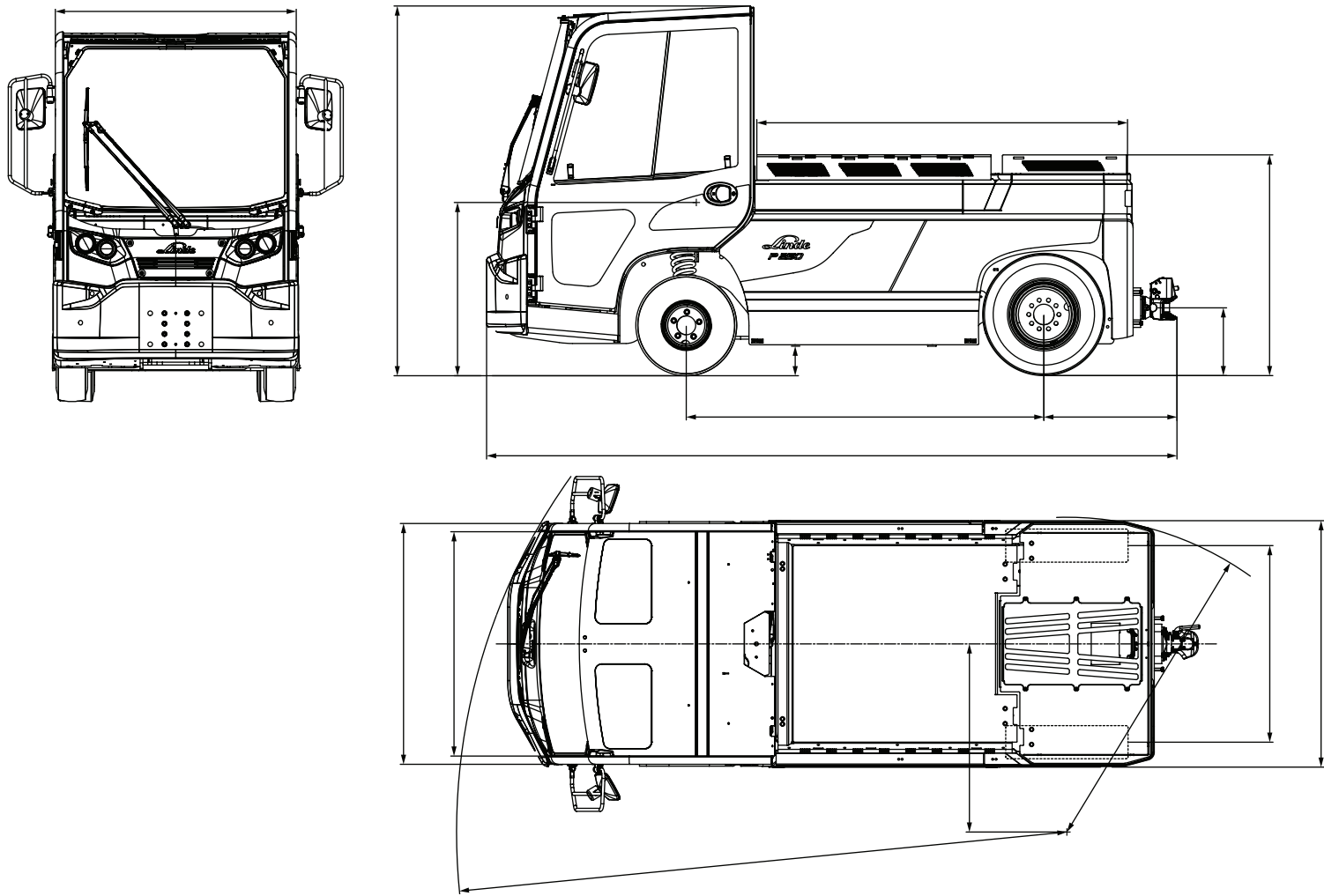
TECHNICAL DATA

Characteristics	1.1	Manufacturer		Linde	
	1.2	Model designation		P250 (SWB)	P250 (LWB)
	1.3	Power unit		Electric	Electric
	1.4	Operation		Seat	Seat
	1.5	Load capacity	Q (kg)	300	300
	1.5.1	Towing capacity	Q (kg)	25000	25000
	1.7	Rated tractive force	F (N)	5000	5000
	1.9	Wheelbase	y (mm)	1551	1906
Weights	2.1	Service weight incl. battery (with cabin)	(kg)	4450	5250
	2.2	Axle load with load, front/rear	(kg)	2900 / 1850	2928 / 2622
	2.3	Axle load without load, front/rear	(kg)	2780 / 1670	2808 / 2442
Wheels	3.1	Tire rubber, SE, pneumatic, polyurethane		Pneumatic / Superelastic	Pneumatic / Superelastic
	3.2	Tire size front		6.00 R 9	6.00 R 9
	3.3	Tire size rear		7.00 R 12	7.00 R 12
	3.5	Wheels number front/rear (x = driven)		2 / 2x	2 / 2x
	3.6	Track width, front	b10 (mm)	1102 / 1120	1102 / 1120
	3.7	Track width, rear	b11 (mm)	1060	1060
Dimensions	4.7	Height of overhead guard (cabin)	h6 (mm)	1950	1950
	4.8	Height of seat/stand-on platform	h7 (mm)	907	907
	4.12	Towing coupling height	h10 (mm)	270, 330, 380,440*	345*
	4.13	Towing coupling height	h11 (mm)	1060	1060
	4.16	Loading platform, length	l3 (mm)	1540	1895
	4.17	Rear overhang (Cabin/rear)	l5.1 l5 (mm)	1055 / 624	1055 / 707
	4.18	Loading platform, width	b9 (mm)	1056 – 1176	1056 – 1176
	4.19	Overall length	l1 (mm)	3230	3668
	4.21	Overall width	b1 (mm)	1310	1310
	4.32	Ground clearance, centre of wheelbase (front)	m2 (mm)	150	150
	4.34	Aisle width (without safety distance)	Ast (mm)	4696	5230
	4.35	Turning radius (front/rear)	Waf / War (mm)	2884 / 1612	3280 / 1750
Performance	4.36	Minimum pivoting point distance	b13 (mm)	931	1071
	5.1	Travel speed, with/without load	(km/h)	18 / 25	20 / 25
	5.5	Tractive force, with/without load	(N)	5000	5000
	5.6	Maximum tractive force, with/without load	(N)	18000	18000
	5.7	Climbing ability, with/without load	(%)	See towing diagram	See towing diagram
	5.8	Maximum climbing ability, with/without load	(%)	See towing diagram	See towing diagram
	5.10	Service brake		Electric/hydraulic	Electric/hydraulic
Drive	6.1	Drive motor, 60 minute rating	(kW)	2 × 10.5 KW	2 × 10.5 KW
	6.3	Battery according to DIN 43531 / 35 / 36 A, B, C, no		43536 A	43536 A
	6.4	Battery voltage	U (V)	80	80
	6.4.1	Battery capacity	K5 (Ah)	500 / 620	700 / 930
	6.5	Battery weight	(kg)	1210 / 1558	1863 / 2178
	6.6	Power consumption according to EN16796	(kWh/h)	7.76	8.73
Other	8.4	Noise level at operator's ear	(dB(A))	62	62
	8.5	Towing coupling, design / type, DIN		Rockinger 244	Typ HSM 2140

* with Ro 244

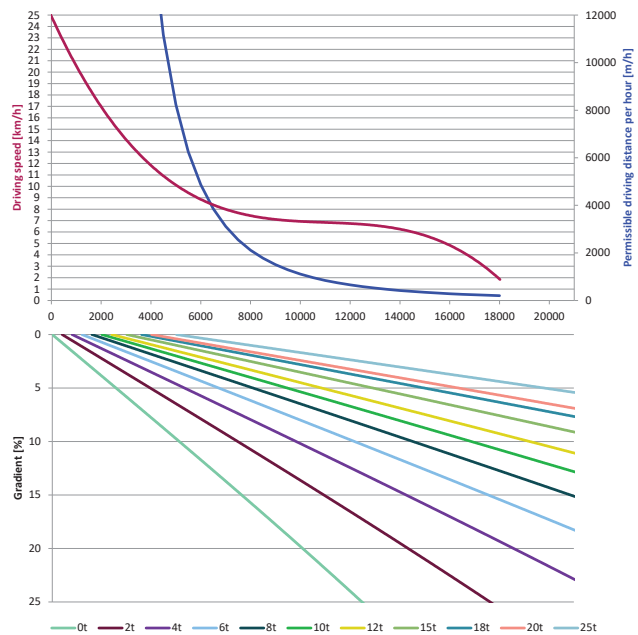
* with HSM 2140

TECHNICAL DATA



TOW DIAGRAM

P250



— Permissible driving distance per hour (m/h)
— Driving speed (km/h)

CHARACTERISTICS



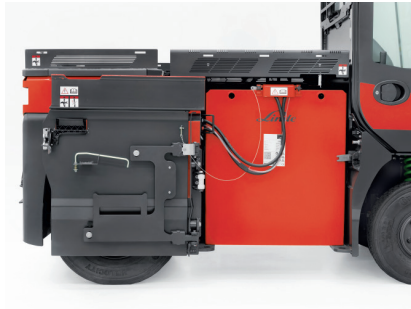
Confidence

- Automatic parking brake for preventing the vehicle from rolling unintentionally on slopes
- Constant speed even on ramps for consistent performance
- Robust cabin and windshield bars for protecting the driver
- Electrically monitored cabin doors for safe driving
- Door locked sensor to make sure operators drive safely inside the cabin
- Linde curve assist reducing speed when cornering



Ergonomics

- Spacious damped cabin for increased driving comfort
- Optimum all-round visibility for maximum maneuverability in confined spaces
- Storage compartments and nets for sufficient storage space in everyday work
- Optional sliding doors for easy access and less damage
- Easy adjustable steering column
- Curved front screen ensures excellent maneuverability



Handling

- High handling performance thanks to powerful electric motors and constant speed on steep ramps
- Smooth, precise steering for easy maneuverability in tight spaces
- Small turning angle for all the models
- Inching control as standard
- Front and rear towing attachment



Service

- Easily accessible service components for efficient maintenance and repair
- Maintenance-free multi-disc brake for maximum vehicle availability
- Lateral or vertical battery change for fast replacement (only lateral for P350)
- Easily replaceable windshield for fast reparations

For more information on Linde Material Handling equipment, please contact:

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Linde Material Handling

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