

Features

Chassis

- Long and short platform versions
- Robot welded heavy guage steel plate
- Maximum torsional resistance and rigidity
- High impact protection for operator and components
- Low profile chassis for all-round visibility



Ergonomics

- Ergonomic automotive pedal and control layout
- Spacious leg and headroom
- Storage space for documents, pens and beverage holder
- Excellent all-round visibility

Operator's compartment

- Low step access to spacious cabin
- Hinged cabin doors
- Fully adjustable comfort-class operator's seat
- Cabin isolated from chassis by hydraulic dampers
- Ergonomic automotive pedal and control layout
- Multi-function instrument display

Steering

- Hydrostatic power steering
- Effortless manoeuvrability
- Adjustable steering column
- Large lock-to-lock angle

Braking

- Three independent braking systems
- Electric push-button parking brake
- Hydraulic disc brakes (front) external disc brakes (rear)
- Regenerative electric braking as accelerator pedal is released
- Superb regenerative braking control on gradients

Platform

- Generously proportioned platform
- 2,200 mm or 2600 mm platform length
- Easily adapted to suit specific applications
- Optional side panels and rigid covers

Drive units

- Two 2,5 kW maintenance-free AC drive motors
- Integrated in drive axle with no differential required
- Superb traction with anti-slip control
- Reduced power to inner wheel during cornering
- High-torque flexibility and performance

Serviceability

- Easy access for maintenance and battery
- CAN bus diagnostic facility for reduced service intervals
- Multi-function instrument display assists scheduled maintenance planning
- Maintenance-free AC drive technology

Subject to modification in the interests of engineering progress. Illustrations and technical details non-binding for actual construction. All measurements subject to customary tolerances.



Electric Platform Tractor Capacity 2000 kg W 20

SERIES 127-02

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 descending gradients. A low centre of gravity ensures outstanding stability.

Performance

With the dual capability carrying 2 tonne on the platform and towing nominal loads of 4.5 tonne, the W 20 offers flexible high performance which is optimised by the Linde digital AC control system that provides precise, energy saving control of acceleration and speed for high productivity. The curved front screen and profiled chassis ensures excellent manoeuvrability.

Comfort

A low step facilitates access to spacious operator's cabin where the automotive layout of the pedals, direction lever, steering wheel and controls, together with a fully adjustable suspension seat provides a comfortable and fatigue-free working environment. Cab suspension dampers and a spring damped suspension system front and rear ensures superb levels of driving comfort.

Linde Material Handling



Reliability

Designed for intensive heavy duty applications the rugged, robot-welded chassis is constructed from heavy section steel plate for optimum torsional stiffness and rounded corners for high resistance to impacts. All key components are protected within the chassis while electronic components are housed in sealed aluminium enclosures for assured reliability and long life.

Productivity

Two powerful, high torque 2.5 kW AC drive motors provide impressive pulling and carrying power for a variety of applications. The energy saving Linde AC digital controller combined with excellent manoeuvrability and an intuitive interface between the operator and tractor, translates that power into versatile,seamless performance and high productivity.

Technical data (according to VDI 2198)

Characteristics	1.1	Manufacturer	LINDE	
	1.2	Model designation	W 20 (2200)	W 20 (2600)
	1.3	Power unit: battery, diesel, petrol, LP gas, mains power	Battery	Battery
	1.4	Operation: manual, pedestrian, stand-on, seated, order picker	Seated	Seated
	1.5	Carried load capacity	Q (t)	2
	1.7	Rated drawbar pull, with/without carried load	F (N)	500/900 ¹⁾ - 800/1200 ¹⁾
Weight	1.9	Wheelbase	y (mm)	1900
	2.1	Service weight	kg	3100
	2.2	Axle load with load, front/rear	kg	2300/2800
Wheels and tyres	2.3	Axle load without load, front/rear	kg	1800/1300
	3.1	Tyres, front/rear (SE = CS superelastic, P = pneumatic)	P/P ²⁾	P/P ²⁾
	3.2	Tyre size, front	6.00 R9	6.00 R9
	3.3	Tyre size, rear	7.00 R12	7.00 R12
	3.5	Wheels, number front/rear (x = driven)	2/2x	2/2x
	3.6	Track width, front	b10 (mm)	1080
Dimensions	3.7	Track width, rear	b11 (mm)	1020
	4.7	Height of overhead guard (cabin)	h6 (mm)	1820
	4.8	Height of seat/stand-on platform	h7 (mm)	745
	4.12	Towing coupling height, minimum/maximum	h10 (mm)	240, 295, 350, 405
	4.13	Platform height, without load	h11 (mm)	840
	4.16	Loading platform, length	l3 (mm)	2200
	4.17	Rear overhang	l5 (mm)	730
	4.18	Loading platform, width	b9 (mm)	1300
	4.19	Overall length	l1 (mm)	3530
	4.21	Overall width	b1 (mm)	1300
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	150
	4.35	Turning radius	Wa (mm)	3280
Performance	4.36	Minimum pivoting point distance	b13 (mm)	1095
	5.1	Travel speed, with/without carried load	km/h	15/20 - 20/25
	5.5	Drawbar pull at 60 minute rating, with/without carried load	N	500/900 - 800/1200
	5.6	Maximum drawbar pull, with/without carried load (on level ground)		5600/6000 ¹⁾ - 9600/10000 ¹⁾
	5.7	Climbing ability with/without load, 30 minute rating	%	See graph
	5.8	Maximum climbing ability, with/without load, 5 minute rating	%	See graph
Drive	5.10	Service brake		Hydraulic/electric
	6.1	Drive motor, 60 minute rating	kW	2 x 2.5 ⁴⁾ - 2 x 10 ⁴⁾
	6.3	Battery according to DIN 43531/35/36 A, B, C, no		DIN 43536A
	6.4	Battery voltage/rated capacity (5h)	V/Ah	80/320 ⁴⁾
	6.5	Battery weight	(± 0,5 %) kg	858
	6.6	Power consumption according to VDI cycle	kWh/h	3)
Other	8.1	Type of drive control		AC-microprocessor
	8.4	Noise level at operator's ear	dB (A)	3)
	8.5	Tow coupling, design/type, DIN/no		3)
<div><div><div>¹⁾ Based on level, dry surface with rolling resistance of 200 N/t. Refer to graph opposite for specific operating conditions and when the application involves inclines or ramps.</div><div>²⁾ Contoured solid (superelastic) tyres are available.</div><div>³⁾ Refer to manufacturer for figures.</div><div>⁴⁾ High torque 2x10 kW motor is available in conjunction with 320 Ah battery only.</div></div></div>				

