

## Standard Equipment/Optional Equipment

### Standard Equipment

Backlit multifunction display with hourmeter, maintenance indication, battery discharge indicator and internal fault code  
Truck activated by entering a PIN-code or by ignition key  
Safe operator compartment with cushioned mat  
Workstation incorporating various storage compartments  
Power-assisted steering, adjustable steering resistance  
Self-centering steering  
Automatic speed reduction on turns  
OptiLift® system for rising platform  
AC drive motor  
Automatic braking on releasing butterfly switch  
Electromagnetic emergency brake acting proportionally to the load weight

CAN-bus architecture  
Cushion rubber drive wheel  
Single (V08) or tandem polyurethane (V08 „Walk out“) load wheels  
Side battery change on rollers 3 PzS (V08 „Walk out“) 700 kg) or 4 PzS  
560/1150/60 mm forks length (V08 „Walk out“)  
Forks 1150 mm length, 80/40/120 mm similar to ISO (V08 „Supplementary lift“)  
Electric horn  
Low temperature protection to -10°C

### Optional Equipment

Drive wheel: polyurethane (V08 „Supplementary lift“), cushion non-marking or wet grip  
Inching buttons (V08 „Supplementary lift“)  
Rotating clipboard  
Support for data terminal on a front bow  
Front shelf (50kg capacity)  
Picking pack: Rotating clipboard with front shelf  
Auxiliary support frame (V08 „Walk-out“)

Truck activated by biometry with possibility to parameter each driver access - safest truck access monitoring  
Speed reduction when initial lift lowered  
Fixed battery stand for side battery change  
3 meter extension battery cable  
Cold store protection -35°C

Other options available on request



## Low-Level Man-up Order Pickers Capacity 700 and 1000 kg V08

SERIES 1110

### Safety

At the edge of the platform the operator has a perfect grip thanks to a slightly inclined edge for a safe pick. While lifting/lowering the supplementary lift on the V08, both hands are requested for further safety. At no time operator's body exposed beyond the contours of the truck.

### Performance

V08 models are designed to optimize frequent 1st and 2nd level order picking with 2 different methods of putting down a picked item on forks. Two designs with direct access to the pallet are available to put down picked items regardless of the height of the platform. The OptiLift proportional control rises and lowers platform for accurate picking. Lowering of platform can also be controlled by an easy to use foot switch.

### Comfort

Low 135 mm step-in height and wide 431 mm entry allows easy and frequent access to the order pickers. On the V08 „Walk out“ version, forks are welded to the platform giving the operator a wider direct same-level access. For more comfort, the damped mat is acting as a deadman sensor. While lowering, soft landing of the platform brings further control of the preparation and comfort to the operator.

### Reliability

Linde offers 2 versions of order pickers for frequent 1st and 2nd picking level to provide the optimum solution for individual organisation. The central drive wheel guarantees traction as well as straight drive down the aisle and a perfect braking. The V08 „Supplementary lift“ is fitted with robust and adjustable ISO forks for various applications.

### Service

Speed and economy continue over into truck diagnosis and preventive maintenance. The digital multifunction instrument display ensures the operator is always well informed. CAN-bus connectivity enables all truck data to be transmitted to a laptop by the service technician. Easy accessibility of all components and maintenance-free AC technology also play an important role in maximising truck uptime.

## Features

### Two versions are available

- Compact chassis width of 800 mm
- Model V08-01 with fixed forks welded to the operator platform, for working with walk on pallets
- Model V08-02 with supplementary lift on operator platform, forks welded to fork carriage. Pallet can be raised to most convenient working level for picking

### Workstation

- Numerous storage compartments all around the controls to store picking tools
- Battery cover's design offers shrink wrapped paper holder and further storage area
- Various optional accessories designed to streamline picking, including large workshelf



### Drive system

- Powerful, smooth-running AC motor, 3 kW (at 100% output)
- Traction speed adjustable up to 10 km/h, laden or unladen and 5 km/h with the platform up
- Automatic braking on releasing the travel switch
- Electromagnetic braking initiated by the emergency stop button acts on the drive motor, proportional to the load carried

### Linde multifunction display

- Digital multifunction display as standard with hourmeter, maintenance indication, battery discharge indicator, fault code indication
- Truck activated by PIN-code, ignition key or by the innovative biometrical access (optional)



### Power steering & Linde control twin-grip

- Proportional power-assisted steering, self-centering and effortless to operate
- Positive steering feedback results in an efficient stability
- Automatic speed reduction when cornering
- All controls can be accessible by either right or left hand
- Simultaneous driving/lifting action enables fast move in-between two picks

### Rising platform

- Wide access of 431 mm (V08 „Supplementary lift“) and low step-in height (135 mm)
- OptiLift® system to lift the platform provides fully proportional lifting as well as quiet operation
- Lowering can be controlled by a foot switch
- Soft landing of the forks protects load when lowering



### Energy

- Battery range available from 375 Ah up to 500 Ah
- Safe and easy side battery change (left or right) mounted on rollers
- Linde locking system secures battery in compartment and eases side change
- Direct and easy access to unlock the system without lifting the platform



### CAN-bus connectivity/service

- All truck parameters can be configured by the service technician to achieve best performance in every application
- Electronic management of all components permitting quick and easy diagnosis
- Rapid and convenient access to main components via front service panel
- Moisture and dust-proof motor, with zero maintenance requirement

Subject to modification in the interests of progress. Illustrations and technical details not binding for actual constructions. All dimensions subject to usual tolerances.

# Technical Data according to VDI 2198

		1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	3.1	3.2	3.3	3.5	3.6	3.7	4.2	4.4	4.5	4.6	4.8	4.9	4.14	4.15	4.19	4.20	4.21	4.22	4.23	4.25	4.26	4.32	4.34	4.35	5.1	5.2	5.3	5.8	5.10	6.1	6.2	6.3	6.4	6.5	6.6	8.1	8.4			
Characteristics	Manufacturer			LINDE	LINDE	LINDE																																														
	Model designation			<b>V 08 01 (1000kg)</b>	<b>V 08 01 (700kg)</b>	<b>V 08 02</b>																																														
	Power unit			Battery	Battery	Battery																																														
	Operation			Order Picker	Order Picker	Order Picker																																														
	Load capacity	Q (t)			1.0	0.7	0.8																																													
Weights	Load centre	c (mm)		600	500	500																																														
	Axle centre to fork face	x (mm)		395 <sup>1)</sup>	-130 <sup>1)</sup>	92 <sup>1)</sup>																																														
	Wheelbase	y (mm)		1556 <sup>2)</sup>	1131 <sup>3)</sup>	1390 <sup>3)</sup>																																														
Wheels/Tyres	Service weight	(kg)		1299 <sup>4)</sup>	1380 <sup>4)</sup>	1589 <sup>4)</sup>																																														
	Axle load with load, front/rear	(kg)		789 / 1526 <sup>4)</sup>	390 / 1700 <sup>4)</sup>	496 / 1887 <sup>4)</sup>																																														
	Axle load without load, front/rear	(kg)		928 / 371 <sup>4)</sup>	800 / 580 <sup>4)</sup>	905 / 684 <sup>4)</sup>																																														
	Tyres			Polyurethane / Solid rubber	Rubber	Polyurethane / Solid rubber																																														
	Tyre size, front			Ø 254 x 102	Ø 254 x 102	Ø 254 x 102																																														
	Tyre size, rear			4x Ø 85 x 60	4x Ø 85 x 60	2x Ø 85 x 80																																														
	Wheels, number front/rear (x = driven)			1x + 2 / 4	1x + 2 / 4	1x + 2 / 2																																														
	Track width, front	b10 (mm)		277 / 277 <sup>1)</sup>	277 / 277 <sup>1)</sup>	277 / 277 <sup>1)</sup>																																														
	Track width, rear	b11 (mm)		380 <sup>1)</sup>	380 <sup>1)</sup>	525 <sup>1)</sup>																																														
	Dimensions	Height of mast, lowered	h1 (mm)		1292 <sup>1)</sup>	1292 <sup>1)</sup>	1292 <sup>1)</sup>																																													
Lift		h3 (mm)		1065 <sup>1)</sup>	1065 <sup>1)</sup>	1065 <sup>1)</sup>																																														
Height of mast, extended		h4 (mm)		2357 <sup>1)</sup>	2357 <sup>1)</sup>	2357 <sup>1)</sup>																																														
Initial lift		h5 (mm)		-	-	-																																														
Height of seat/stand-on platform		h7 (mm)		135	135	135																																														
Height of tiller arm in operating position, min/max		h14 (mm)		1244	1244	1244																																														
Platform height, raised		h12 (mm)		1200 <sup>1)</sup>	1200 <sup>1)</sup>	1200 <sup>1)</sup>																																														
fork height, lowered		h13 (mm)		86	86	46																																														
Overall length		l1 (mm)		2500 <sup>2)</sup>	2600 <sup>3)</sup>	2880 <sup>3)</sup>																																														
Length to fork face		l2 (mm)		1350 <sup>2)</sup>	1450 <sup>3)</sup>	1680 <sup>3)</sup>																																														
Overall width		b1/b2 (mm)		800 <sup>1)</sup>	800 <sup>1)</sup>	800 <sup>1)</sup>																																														
Fork dimensions		s/e/l (mm)		60 x 186 x 1150	60 x 186 x 1150	40 x 80 x 1200																																														
Fork carriage to ISO 2328, class/type A, B				no	no	no																																														
Fork spread, min/max		b5 (mm)		560 <sup>1)</sup>	560 <sup>1)</sup>	205 - 733 <sup>1)</sup>																																														
Width between reach legs		b4 (mm)		249	249	396																																														
Ground clearance, centre of wheelbase	m2 (mm)		30	30	30																																															
Aisle width with pallet 800 x 1200 along forks	Ast (mm)		2885	1975	3170																																															
Turning radius	Wa (mm)		1860 <sup>2)</sup>	1535 <sup>3)</sup>	1660 <sup>3)</sup>																																															
Performance	Travel speed, with/without load	(km/h)		10 / 10 <sup>4)</sup>	10 / 10 <sup>4)</sup>	10 / 10 <sup>4)</sup>																																														
	Lifting speed, with/without load	(m/s)		0.21 / 0.14 <sup>4)</sup>	0.23 / 0.17 <sup>4)</sup>	0.15 / 0.21 <sup>7)</sup>																																														
	Lowering speed, with/without load	(m/s)		0.41 / 0.46 <sup>4)</sup>	0.47 / 0.44 <sup>4)</sup>	0.45 / 0.48 <sup>7)</sup>																																														
	Maximum climbing ability, with/without load	(%)		9 / 15	9 / 15	9 / 15																																														
Drive	Service brake			Electric/hydraulic	Electric/hydraulic	Electric/hydraulic																																														
	Drive motor, 60 minute rating	(kW)																																																		