

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



Technical Data according to VDI 2198

			LINDE	LINDE	LINDE	
Characteristics	1.1	Manufacturer	LINDE	LINDE	LINDE	
	1.2	Model designation	V 08 01 (1000kg)	V 08 01 (700kg)	V 08 02	
	1.3	Power unit	Battery	Battery	Battery	
	1.4	Operation	Order Picker	Order Picker	Order Picker	
	1.5	Load capacity	Q (t)	1.0	0.7	0.8
	1.6	Load centre	c (mm)	600	500	500
	1.8	Axle centre to fork face	x (mm)	395 ¹⁾	-130 ¹⁾	92 ¹⁾
	1.9	Wheelbase	y (mm)	1556 ²⁾	1131 ³⁾	1390 ³⁾
	Weights	2.1	Service weight	(kg)	1299 ⁴⁾	1380 ⁴⁾
2.2		Axle load with load, front/rear	(kg)	789 / 1526 ⁴⁾	390 / 1700 ⁴⁾	496 / 1887 ⁴⁾
2.3		Axle load without load, front/rear	(kg)	928 / 371 ⁴⁾	800 / 580 ⁴⁾	905 / 684 ⁴⁾
Wheels/Tyres	3.1	Tyres		Polyurethane / Solid rubber	Rubber	Polyurethane / Solid rubber
	3.2	Tyre size, front		Ø 254 x 102	Ø 254 x 102	Ø 254 x 102
	3.3	Tyre size, rear		4x Ø 85 x 60	4x Ø 85 x 60	2x Ø 85 x 80
	3.5	Wheels, number front/rear (x = driven)		1x + 2 / 4	1x + 2 / 4	1x + 2 / 2
	3.6	Track width, front	b10 (mm)	277 / 277 ¹⁾	277 / 277 ¹⁾	277 / 277 ¹⁾
	3.7	Track width, rear	b11 (mm)	380 ¹⁾	380 ¹⁾	525 ¹⁾
	Dimensions	4.2	Height of mast, lowered	h1 (mm)	1292 ¹⁾	1292 ¹⁾
4.4		Lift	h3 (mm)	1065 ¹⁾	1065 ¹⁾	1065 ¹⁾
4.5		Height of mast, extended	h4 (mm)	2357 ¹⁾	2357 ¹⁾	2357 ¹⁾
4.6		Initial lift	h5 (mm)	-	-	-
4.8		Height of seat/stand-on platform	h7 (mm)	135	135	135
4.9		Height of tiller arm in operating position, min/max	h14 (mm)	1244	1244	1244
4.14		Platform height, raised	h12 (mm)	1200 ¹⁾	1200 ¹⁾	1200 ¹⁾
4.15		fork height, lowered	h13 (mm)	86	86	46
4.19		Overall length	l1 (mm)	2500 ²⁾	2600 ³⁾	2880 ³⁾
4.20		Length to fork face	l2 (mm)	1350 ³⁾	1450 ³⁾	1680 ³⁾
4.21		Overall width	b1/b2 (mm)	800 ¹⁾	800 ¹⁾	800 ¹⁾
4.22		Fork dimensions	s/e/l (mm)	60 x 186 x 1150	60 x 186 x 1150	40 x 80 x 1200
4.23		Fork carriage to ISO 2328, class/type A, B		no	no	no
4.25		Fork spread, min/max	b5 (mm)	560 ¹⁾	560 ¹⁾	205 - 733 ¹⁾
4.26		Width between reach legs	b4 (mm)	249	249	396
4.32		Ground clearance, centre of wheelbase	m2 (mm)	30	30	30
4.34	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2885	1975	3170	
4.35	Turning radius	Wa (mm)	1860 ²⁾	1535 ³⁾	1660 ³⁾	
Performance	5.1	Travel speed, with/without load	(km/h)	10 / 10 ⁴⁾	10 / 10 ⁴⁾	10 / 10 ⁴⁾
	5.2	Lifting speed, with/without load	(m/s)	0.21 / 0.14 ⁴⁾	0.23 / 0.17 ⁴⁾	0.15 / 0.21 ⁷⁾
	5.3	Lowering speed, with/without load	(m/s)	0.41 / 0.46 ⁴⁾	0.47 / 0.44 ⁴⁾	0.45 / 0.48 ⁷⁾
	5.8	Maximum climbing ability, with/without load	(%)	9 / 15	9 / 15	9 / 15
5.10	Service brake		Electric/hydraulic	Electric/hydraulic	Electric/hydraulic	
Drive	6.1	Drive motor, 60 minute rating	(kW)	3	3	3
	6.2	Lift motor rating at S3 15%	(kW)	3	3	3
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 535	43 535	43 535
	6.4	Battery voltage/rated capacity (5h)	(V/Ah)	24 / 375	24 / 500	24 / 500
	6.5	Battery weight (± 5%)	(kg)	295	400	400
	6.6	Power consumption according to VDI cycle	(kWh/h)	0,71	0,71	0,71
Others	8.1	Type of drive control		LAC	LAC	LAC
	8.4	Noise level at operator's ear	(dB(A))	74	74	74

1) (± 5 mm)
 2) Values for 3 PzS batteries. 4 PzS battery = tabled values + 100 mm
 3) With a 4PzS battery
 4) (± 10%)

5) Figures with battery, see line 6.4/6.5.
 6) (± 5%)
 7) forks = 0,18/0,25 lift, 0,50/0,16 lower

