



Order Picker Linde

Low - Level Order Picker (132 Series)

N20 / N20HP Capacity 2000 kg

N24HP Capacity 2400 kg



+/- 5%	N 20				N 24			
	Forward		Backwards		Forward		Backwards	
	unladen	laden	unladen	laden	unladen	laden	unladen	laden
Version 4 points	12 km/h	10 km/h	10 km/h	10 km/h	-	-	-	-
Version 5 points	12 km/h	12 km/h	10 km/h	10 km/h	12 km/h	12 km/h	10 km/h	10 km/h



Features

Drive system
 → Four-point contact configuration for maximum stability (N 20)
 → Maximum speed 10 km/h laden, 12 km/h unladen
 → Automatic responsive braking as traction is briefly released to neutral or opposite direction of travel is selected
 → Electromagnetic braking initiated by the emergency stop button acts on the drive motor, proportional to the load carried

High-performance option (HP)
 → Five-point contact configuration for optimum stability (N 20 HP/N 24 HP)
 → Electronically controlled, hydraulically suspended active cast wheels automatically adjust the minimum ratio between stability and traction for constant ground contact
 → Maximum speed 12 km/h laden and unladen

Workstation
 → Wide, easy access from either side
 → Ergonomic and intuitive control layout
 → Generous storage compartments for shrink wrapping, pens, gloves, etc.
 → Digital instrument display
 → Padded, adjustable scoop seat provides additional comfort
 → A cushioned platform isolates operator from surface vibrations
 → Excellent all-round visibility

Comprehensive energy solutions
 → Vertical battery change as standard, optional side battery change left or right
 → Wide range of batteries (low & high) from 270 Ah (3 PzS) to 620 Ah (4 PzS)
 → Battery locking system for side change option secures battery in compartment and assists the battery change

AC motor
 → Powerful, high-torque 3 kW AC drive motor
 → Moisture and dust-proof maintenance-free motor
 → 13% gradeability performance fully loaded
 → Safe starting on gradients without rollback
 → Responsive acceleration to maximum speed within 5 metres

Linde twin-grip steering controller
 → Superbly functional twin-grip steering controller
 → All controls ergonomically grouped on twin grip controller for convenient use by both hands
 → Optimum protection for both hands
 → Twin-grip design minimises operator's arm movements when turning

CAN bus connectivity
 → Integrated CAN bus diagnostic system for faster analysis and shorter service intervals
 → Performance parameters can be configured by the service technician to suit individual applications

Characteristics	1.1	Manufacturer	LINDE	LINDE	LINDE
	1.2	Model designation	N20	N20HP	N24HP
1.2a	Series	132	132	132	
1.3	Power unit	Battery	Battery	Battery	
1.4	Operation	Order Picker	Order Picker	Order Picker	
1.5	Load capacity	Q (t)	2.0 ^{a)}	2.0 ^{a)}	2.4 ^{b)}
1.6	Load centre	c (mm)	1200	1200	600
1.8	Axle centre to fork face	x (mm)	1763 / 1702 ^{b)}	1763 / 1702 ^{b)}	963 / 902 ^{b)}
1.9	Wheelbase	y (mm)	2325 / 2264 ^{b)}	2325 / 2264 ^{b)}	1525 / 1464 ^{b)}
2.1	Service weight	(kg)	1160	1160	1115
3.1	Wheels/tyres	Tyres rubber, SF, pneumatic, polyurethane	V+P/P ^{b)}	V+P/P ^{b)}	V+P/P ^{b)}
3.2	Tyre size, front		Ø 254 x 102	Ø 254 x 102	Ø 254 x 102
3.3	Tyre size, rear		Ø 85 x 105	Ø 85 x 105	Ø 85 x 105
3.4	Auxiliary wheels (dimensions)		Ø 125 x 60	Ø 125 x 60	Ø 125 x 60
3.5	Wheels, number front/rear (x = driven)		1x + 1 / 2 (1 / 4) ^{a)}	1x + 2 / 2 (1x + 2 / 4) ^{a)}	1x + 2 / 2 (1x + 2 / 4) ^{a)}
3.6	Track width, front	b10 (mm)	544	544	544
4.4	Lift	h3 (mm)	120	120	120
4.8	Height of seat/stand on platform	h7 (mm)	900 / 1000	900 / 1000	900 / 1000
4.9	Height of tiller arm in operating position, min/max	h14 (mm)	1140 / 1190	1140 / 1190	1140 / 1190
4.15	Height lowered	h13 (mm)	85	85	85
4.19	Overall length	l1 (mm)	3747 ^{b)}	3747 ^{b)}	2547 ^{b)}
4.20	Length to fork face	l2 (mm)	1397 ^{b)}	1397 ^{b)}	1397 ^{b)}
4.21	Overall width	b1/b2 (mm)	790	790	790
4.22	Fork dimensions	s/e/l (mm)	60 x 166 x 2350	60 x 166 x 2350	60 x 166 x 1150
4.25	Fork spread, min/max	b5 (mm)	520	520	520
4.34e	Aisle width with load length 2400 mm	Ast (mm)	4110	4110	-
4.35	Turning radius	Wa (mm)	3158 / 3090 ^{b)}	3158 / 3090 ^{b)}	2358 / 2290 ^{b)}
5.1	Performance	Travel speed, with/without load (km/h)	10 / 12	12 / 12	12 / 12
5.2	Lifting speed, with/without load (m/s)	0.031 / 0.039	0.031 / 0.039	0.031 / 0.039	
5.3	Lowering speed, with/without load (m/s)	0.076 / 0.073	0.076 / 0.073	0.076 / 0.073	
5.8	Maximum climbing ability, with/without load (%)	6.0 / 17.0	8.0 / 17.0	-	
5.9	Acceleration time, with/without load (s)	1.4 / 1.0; 1.5 / 1.2 ^{a)}	1.4 / 1.0; 1.5 / 1.2 ^{a)}	-	
5.10	Service brake	Electro-magnetic	Electro-magnetic	Electro-magnetic	
6.1	Drive motor, 60 minute rating (kW)	3	3	3	
6.2	Lift motor rating at 53 15% (kW)	1	1	1.2	
6.3	Drive according to DIN 43531/35/36 A,B,C,n0	43 535 / B	43 535 / B	43 535 / B	
6.4	Battery voltage/rated capacity (V/Ah)	24 / 620	24 / 620	24 / 620	
6.5	Battery weight (+ 5%) (kg)	485	485	485	
6.6	Power consumption according to VDI cycle (kWh/h)	0,48	0,48	0,48	
8.1	Type of drive control	LAC	LAC	LAC	

1) With evenly distributed load.

2) lowered/raised

3) 100 mm + 3 PzS; 0 mm = 4 PzS; + 50 mm = 5 PzS

4) Drive Wheel Option: rubber non marking, Polyurethane and wet grip

