

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72	Краснодар (861)203-40-90	Рязань (4912)46-61-64
Астана (7172)727-132	Красноярск (391)204-63-61	Самара (846)206-03-16
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Казань (843)206-01-48	Орел (4862)44-53-42	Ульяновск (8422)24-23-59
Калининград (4012)72-03-81	Оренбург (3532)37-68-04	Уфа (347)229-48-12
Калуга (4842)92-23-67	Пенза (8412)22-31-16	Челябинск (351)202-03-61
Кемерово (3842)65-04-62	Пермь (342)205-81-47	Череповец (8202)49-02-64
Киров (8332)68-02-04	Ростов-на-Дону (863)308-18-15	Ярославль (4852)69-52-93

Единый адрес: edi@nt-rt.ru **Веб-сайт:** www.linde.nt-rt.ru

Комплектовщики заказов N 20 С LINDE МН. Техническое описание

Standard Equipment/Optional Equipment

Standard Equipment

Safe, comfortable operator compartment with unique “U” shaped platform linking: backrest, platform and console
 Power assisted steering with variable steering resistance
 Positive steering (drive wheel) feedback
 Automatic and adjustable speed reduction when cornering
 3 kW AC motor (maintenance free)
 Automatic electric braking
 Electromagnetic emergency brake
 Key switch or log-in PIN code
 Dedicated work station (with storage compartments)

Adjustable console and twin grip steering control
 CAN bus technology
 Multifunction backlit instrument display: Safety alarm, maintenance check indicator, battery charge level, hour Meter
 Cushion rubber drive wheel
 Load wheels
 Vertical battery change (3 or 4 PzS)
 Horn
 Protection to -10°C

Optional Equipment

Support for data terminal, clipboard and barcode reader (Pack n°2)
 Front working lights (LED)
 Drive wheel: polyurethane, cushion non-marking or wet grip
 Non-marking cushion rubber drive & load wheels
 Wet grip drive wheel & cushion load wheels
 Biometric truck access
 Inching buttons

Side battery change (3 or 4 PzS)
 Fixed battery stand for side battery change (1 or 2 batteries)
 Speed reduction when initial lift lowered
 3 meter extension battery cable
 Cold store version to -35°C
 Other options available on request



Ground Level Order Picker
 Capacity 2000 kg
 N20 C

Series 1111

Linde Material Handling



Safety

The design of the order picker ensures that the operator remains well protected within the truck contours while driving. The ergonomic twin grip steering control incorporates a wrap-around hand guard and the front steel bumper ensure excellent safety for both operator and machine.

Performance

Powered by an AC motor of 3kW output mounted for a 5 points ground contact configuration, the N20 C remains steady to reach a top speed of 12 km/h. These performances enhance productivity in long transfers applications.

Comfort

Precision working at the highest level of performance calls for a high level of operator comfort. These order picker provide a fully suspended and damped “U” shape platform. The 3 main operator and machine contacts are linked together: backrest, platform and console. By this, the N20 C concept provides a superior driving experience over long distances or uneven floors.

Reliability

The robustness of the steering control, the high quality steel chassis ensure reliable operation over long periods of time. Highly durable electronic components also contribute to increased truck life as well as improved performances.

Service

Efficiency at work, efficiency at the cost level. CAN bus connection enables all truck data to be read out for inspection when servicing becomes due at intervals of 1,000 operating hours. Easy accessibility of all components and the maintenance free AC technology employed play an additional part in keeping truck uptime up.

Features

Ultimate driving feeling

- The unique “U” shaped operator’s compartment links: console – platform –backrest
- It is fully suspended leading to an exceptional driving feel
- Adjustable console and steering control
- Ergonomic, robust chassis with enclosed and protected load wheels
- Wide platform access
- Low stepping height
- Three points contact configuration and two fixed castor wheels for a perfect traction

Storage / Equipments

- Deep standard compartment under backrest
- Storage compartment on the console to store pencils, adhesive tape...
- Wide compartments under the console for wrapping paper



CAN bus connectivity

- Electronic management of all components for rapid and easy diagnosis
- All performance parameters can be configured exactly by the service technician to suit each individual application

Console and twin grip steering control

- Ergonomically designed console incorporates steering control, clipboard, emergency isolator, CAN bus plug and Linde Digital Information Display
- Adjustable in height, the console provide controls and instrumentation all within easy reach
- All main control functions are integrated into one handle
- Optimum protection for both hands



Power steering

- Proportional, self centring, power-assisted steering for effortless, precise operations
- Adjustable steering resistance and positive steering feedback ensures the truck is always on track
- Automatic speed reduction when cornering



Drive system

- Powerful, smooth-running 3 kW (at 100% performance) AC motor
- Moisture- and dust-proof motor, maintenance free
- Gradeability 13% fully loaded
- No rollback on uphill starting
- Forceful acceleration takes truck to top speed within 5 metres
- Top speed of 12 km loaded as unloaded

Brakes

- Automatic braking on releasing the travel switch
- Well controllable braking on reversing direction of travel
- Electromagnetic braking initiated by the emergency stop button acts on the drive motor, proportional to the load carried



Batteries for every need

- Vertical battery change as standard, optional side battery change left or right
- Wide range of batteries from 270 Ah (3PzS) to 500 Ah (4PzS)
- Battery locking system for side change option secures battery in compartment and ease battery changing

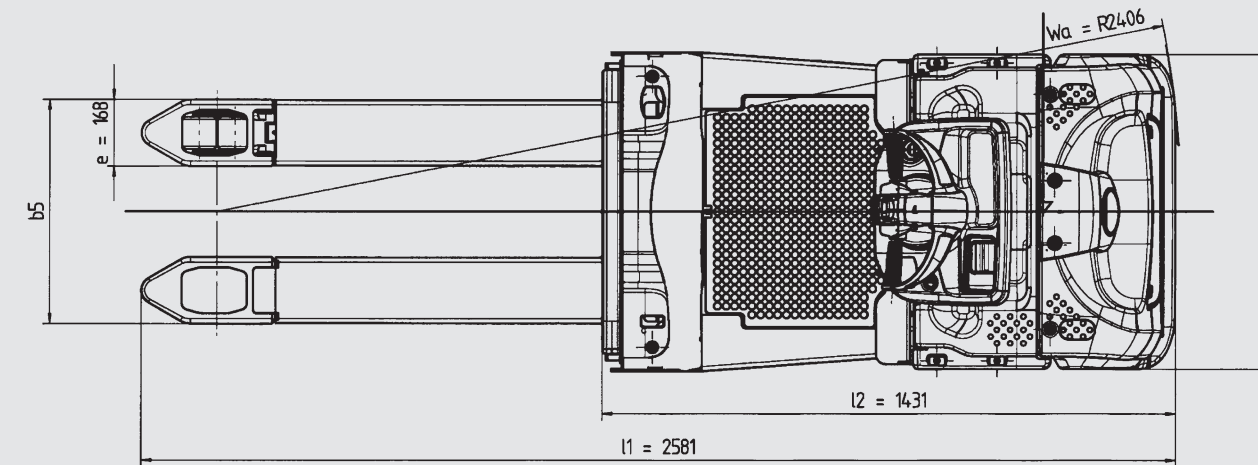
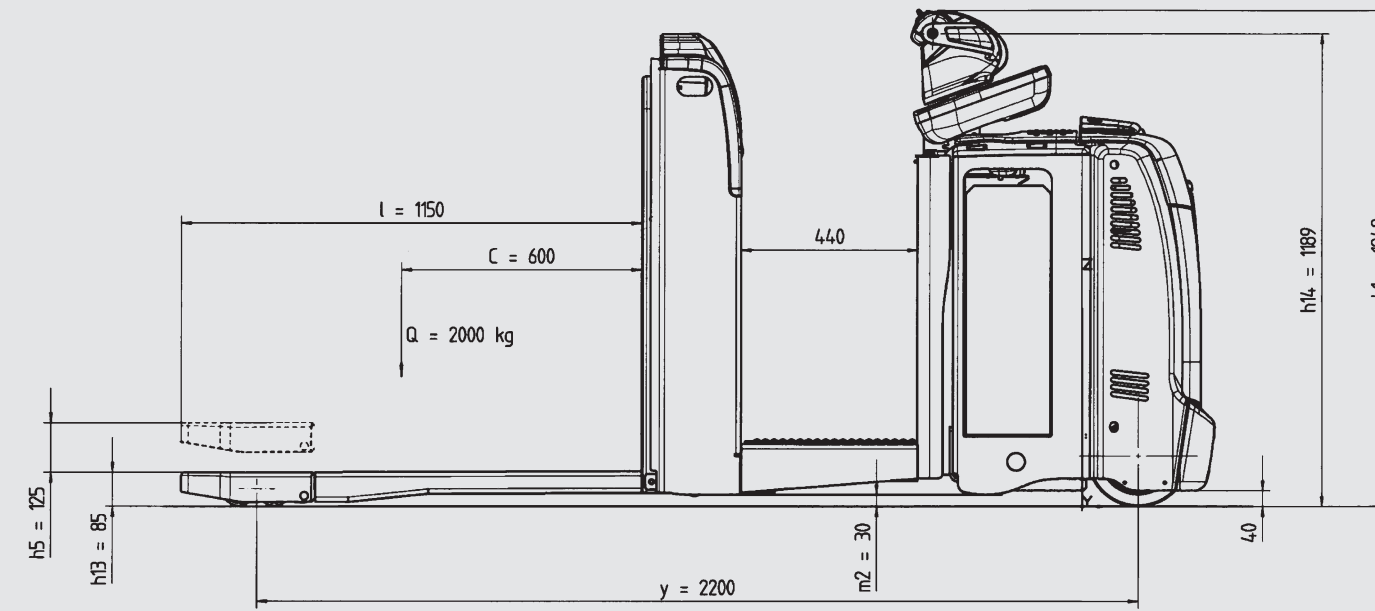
Subject to modification in the interests of progress. Illustrations and technical details not binding for actual constructions. All dimensions subject to usual tolerances.



Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer	LINDE	
	1.2	Model designation	N20C	
	1.3	Power unit	Battery	
	1.4	Operation	Order Picker	
	1.5	Load capacity	Q (t)	2.0
	1.6	Load centre	c (mm)	600
	1.8	Axle centre to fork face	x (mm)	963 / 902 ¹⁾
	1.9	Wheelbase	y (mm)	2200 ^{2) 3)}
	Weights	2.1	Service weight	(kg)
4.4		Lift	h3 (mm)	125
Dimensions	4.15	fork height, lowered	h13 (mm)	86
	4.19	Overall length	l1 (mm)	2580 ⁵⁾
	4.21	Overall width	b1/b2 (mm)	790 ⁵⁾
	4.22	Fork dimensions	s/e/l (mm)	- x 165 x 1150 ⁵⁾
	4.25	Fork spread, min/max	b5 (mm)	560
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	30
	4.33	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	2582 ⁶⁾
	4.34	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2782 ⁶⁾
	4.35	Turning radius	Wa (mm)	2345
	Performance	5.1	Travel speed, with/without load	(km/h)
5.2		Lifting speed, with/without load	(m/s)	0.031 / 0.039 ⁹⁾
5.3		Lowering speed, with/without load	(m/s)	0.076 / 0.073 ⁹⁾
5.8		Maximum climbing ability, with/without load	(%)	-
5.9		Acceleration time, with/without load	(s)	- ⁴⁾
5.10		Service brake		Electro-magnetic
Drive	6.1	Drive motor, 60 minute rating	(kW)	3
	6.2	Lift motor rating at S3 15%	(kW)	1.7
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 535 / B
	6.4	Battery voltage/rated capacity (5h)	(V/Ah)	24 / 500
	6.5	Battery weight (± 5%)	(kg)	485
	6.6	Power consumption according to VDI cycle	(kWh/h)	-
Others	8.1	Type of drive control		LAC
	8.4	Noise level at operator's ear	(dB(A))	< 70.0

- 1) Forks upraised / lowered
 2) ± 0 mm = 3 PzS lateral;
+100 mm = 3 PzS vertical and 4 PzS lateral;
+150 mm = 4 PzS vertical.
 3) (± 5 mm)
 4) (± 10%)
 5) (± 5 mm)
 6) Including a 200 mm (min.) operating aisle clearance.
 7) (± 5%)
 8) forward; (backward)



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