

Specifications

N010SF
N010SPF
N020S
N020SP

CAT[®]
Lift Trucks



Low Level Order Picker
1.0 - 2.0t

Characteristics					
1.1	Manufacturer		Caterpillar	Caterpillar	Caterpillar
1.2	Model		NO10SF	NO10SPF	NO20S
1.3	Power source (Electric, Diesel, Petrol, Gas)		Electric	Electric	Electric
1.4	Operating mode (pedestrian, stand-on, sit-on)		Stand-on	Stand-on	Stand-on
1.5	Nominal capacity / load	Q (kg)	1.000	1.000	2.000
1.6	Load centre	c (mm)	600	600	600
1.8	Load wheel axle to fork face (forks lowered)	x (mm)	613	613	963
1.9	Wheelbase (forks lowered)	y (mm)	1890	1890	2020
Weights					
2.1	Truck weight (with nominal load & battery)	kg	2050	2150	2850
2.2	Axle loadings (with nominal load & battery), drive/load side	kg	1380/ 2 x 335	1430/ 2 x 360	1905/ 2 x 473
2.3	Axle loadings (without load & with battery), drive/load side	kg	390/ 2 x 330	440/ 2 x 355	260/ 2 x 295
Wheels & Tyres					
3.1	Tyres (R- rubber / Vul- vulkollan), drive/load side		Vul/Vul	Vul/Vul	Vul/Vul
3.2	Load wheel dimensions (diameter x width)	(mm)	85x75	85x75	85x75
3.3	Drive wheel dimensions (diameter x width)	(mm)	250x85	250x85	250x85
3.4	Castor wheel dimensions (diameter x width)	(mm)	150x50	150x50	150x50
3.5	No. of wheels (x = driven), drive/load side		1+ 1x/4	1+ 1x/4	1+ 1x/4
3.6	Track width (centre of tyres), load side	b10 (mm)	455	455	455
3.7	Track width (centre of tyres), drive side	b11 (mm)	355/385	355/385	375
Dimensions					
4.2	Lowered mast height	h1 (mm)	1260	1260	
4.4	Lift	h3 (mm)	705	705	115
4.8	Seat (compressed) or platform height	h7 (mm)	130	130	130
4.14	Raised cabin floor height	h12 (mm)	-	930	-
4.15	Fork height, fully lowered	h13 (mm)	95	95	85
4.19	Overall length	l1 (mm)	2605/2905	2605/2905	2390
4.20	Powerhead length (to fork face)	l2 (mm)	1240	1240	1240
4.21	Chassis (overall width)	b1 (mm)	790	790	790
4.22	Fork dimensions (thickness / width / length)	s/e/l (mm)	65/165/1150, 1450	65/165/1150, 1450	50/165/1150
4.25	Outside width over forks	b5 (mm)	520	550	540
4.32	Ground clearance @ centre of wheelbase (forks lowered)	m2 (mm)	30	30	35
4.33	Working aisle width (Ast) 1000 x 1200 mm load, crosswise	Ast (mm)	2990	2990	2885*
4.34	Working aisle width (Ast) 800 x 1200 mm load, lengthwise	Ast (mm)	3050	3050	2885*
4.35	Turning radius (forks lowered)	Wa (mm)	2090	2090	2215*
Performance					
5.1	Travel speed, laden / unladen	(km/h)	10/13	10/13	10/13
5.2	Lifting speed, laden / unladen	(m/s)	0.13/0.25	0.13/0.25	0.04/0.05
5.3	Lowering speed, laden / unladen	(m/s)	0.09/0.08	0.09/0.08	0.04/ 0.02
5.7	Gradeability, laden / unladen	(%)	7/15	7/15	7/15
5.10	Service brake (mechanical, hydraulic, electric)		Electric	Electric	Electric
Motors					
6.1	Drive motor (S2 60 min)	(kW)	2.0	2.0	2.0
6.2	Lift motor (S3 15 %)	(kW)	2.0	2.0	2.0
6.4	Battery voltage / capacity (5 hr. rating)	(V/Ah)	24/375-480	24/375	24/375-480
6.5	Battery weight	(kg)	295/360	295/360	295/360
Miscellaneous					
8.1	Speed control type		Stepless	Stepless	Stepless

Broad selection of options

- Quick battery exchange system.
- Front mounted safety rail.
- Custom paint options.
- Lateral push-button drive controls.
- Rubber guard on front bumper.
- Shrink film roll holder mounted on rear pillar.
- The NO20S features a modern console for the operator.

Features designed for maximum productivity

- Ergonomic, functional and adjustable steering console for precise, comfortable manoeuvring.
- Tapered fork tips ensure smooth pallet entry and exit.
- Programmable electronic controller allows the truck to be matched to a variety of applications.
- Built-in diagnostic functions makes it easy and fast to service.
- Narrow overall chassis width allows efficient handling of Europallets.
- Regenerative braking contributes to speed up work cycles and long battery shift life.
- Traction battery sits on a roller bed, allowing rapid and easy battery exchanges in multi-shift applications.
- Low level order picker models NO20SP, NO10SF and NO10SPF with rising forks and/or rising platform are ideal for working at first and second level pick heights. Since the platform and forks rise independently, operations such as bending down into the container, or climbing to reach goods, are reduced to a minimum. The result is enhanced ergonomics for easier operation and greater productivity.



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Your partner in materials handling.



When your materials flow organisation requires the best, rely on Caterpillar®.

Low level order picking is an essential and critical part of the materials flow process. With all controls neatly grouped around the driver's hands, NQ20s manoeuvres are precise, orders are filled promptly, and transport to and around the shipping floor is sure.

The powerful new Caterpillar NQ20s order picker increases low level order picking efficiency while positively contributing to bottom line profits. The combined features of the NQ20s have a true meaning when long work shifts are expected.

What could possibly make your customers happier?

Cat® dealers are committed to providing you a comprehensive array of services

- Advice on machine selection to provide you the most economical solution for the job.
- Parts availability and trained service mechanics to respond quickly and effectively when you need them.
- A variety of preventive maintenance, service and repair plans tailored to your needs.
- A full range of acquisition possibilities, straight purchase, short and long term rental, leasing etc.



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NOTE: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications, or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Caterpillar Lift Truck Dealer. Caterpillar follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.