



# **NO10NEF - NO10NEFP - NO20NE - NO20NEP - NO20NEX - NO20NEXP**

Specifications

**Low level order picker**

1.0 - 2.0 tonnes

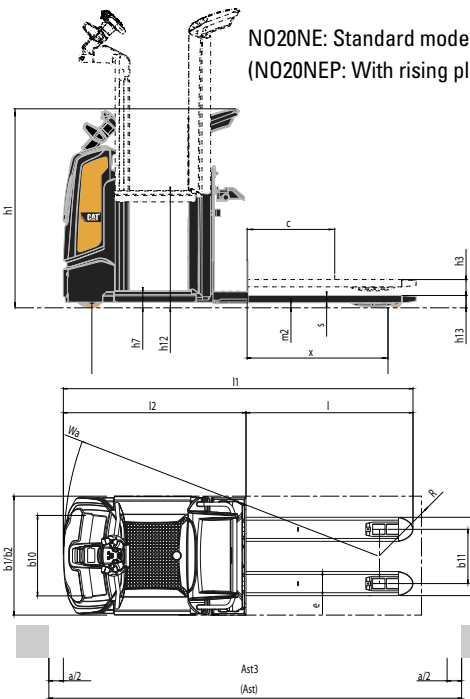
Characteristics			Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks
			<b>NO20NE(NEP)</b>	<b>NO10NE(NEFP)</b>	<b>NO20NEX(NEXP)</b>
1.01	Manufacturer (abbreviation)		Battery	Battery	Battery
1.02	Manufacturer's model designation		Stand-on	Stand-on	Stand-on
1.03	Power source:(battery, diesel, LP gas, petrol)		2000	1000	2000
1.04	Operator type: pedestrian, (operator)-standing, -seated		600	600	1200
1.05	Load capacity	Q (kg)	961	630	1480
1.06	Load center distance	c (mm)	2041	1961	2732
1.08	Load wheel axle to fork face (forks lowered)	x (mm)			
1.09	Wheelbase	y (mm)			
Weight					
2.01	Truck weight with maximum battery weight	kg	941 (1070)	1249 (1383)	1521 (1650)
2.02	Axle loadings with nominal load & maximum battery weight, drive/load side	kg	1072/1869 (1046/2024)	810/1439 (833/1550)	1135/2386 (1249/2401)
2.03	Axle loadings without load & with maximum battery weight, drive/load side	kg	625/316 (740/330)	724/525 (829/554)	974/547 (1076/574)
Wheels, Drive Train					
3.01	Tyres: PT=Power Thane, VUL=Vulkollan, drive/load side		Vul/Vul	Vul/Vul	Vul/Vul
3.02	Tyre dimensions, drive side	(mm)	Ø250x100	Ø250x100	Ø250x100
3.03	Tyre dimensions, load side	(mm)	Ø85x75	Ø85x75	Ø85x75
3.04	Castor wheel dimensions (diameter x width)	(mm)	Ø150x50	Ø150x50	Ø150x50
3.05	Number of wheels, drive/load side (x=driven)		2+1x/ 4	2+1x/ 4	2+1x/ 4
3.06	Track width (center of tyres), drive side	b10 (mm)	554	554	554
3.07	Track width (center of tyres), load side	b11 (mm)	374	385	359
Dimensions					
4.02	Height	h1 (mm)	1335 (1365/2045)	1335 (1365/2045)	1335 (1365/2045)
4.04	Lift height (see tables)	h3 (mm)	115	705	725
4.05	Height, mast extended	h4	-	1260	1478
4.08	Seat- or stand height	h7 (mm)	105 (117)	105 (117)	105 (117)
4.09	Height of tiller arm / steering console min./max.)	h14 (mm)	1140/1220 (2040)	1140/1220 (2040)	1140/1220 (2040)
4.14	Platform height, raised	h12 (mm)	- (804)	- (804)	- (804)
4.15	Fork height, fully lowered	h13 (mm)	85	95	80
4.19	Overall length	l1 (mm)	2413	2667	3793
4.20	Length to fork face (includes fork thickness)	l2 (mm)	1262	1517	1444
4.21	Overall width	b1 / b2 (mm)	810 (820)	810 (820)	810 (820)
4.22	Fork dimensions (thickness, width, length)	s / e / l (mm)	50/166/1150	65/165/1150	60/194/2350
4.25	Outside width over forks (min./max.)	b5 (mm)	540	550	550
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2 (mm)	35	30	25
4.34	Working aisle width, with 800x1200 mm pallets, load lengthwise	Ast <sup>(1)</sup> (mm)	2663	2914	4034
4.35	Turning circle radius	Wa (mm)	2224	2144	2914
Performance					
5.01	Travel speed, with*/without load	km/h	12/9/6/12	12/9/-/12	12/9/6/12
5.02	Lifting speed, with/without load	m/s	0.1/0.1	0,073/0,09	0,031/0,05
5.03	Lowering speed, with/without load	m/s	0.1/0.1	0,228/0,075	0,145/0,082
5.07	Gradeability, with/without load	%	7/15	7/15	7/15
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)		Electric	Electric	Electric
Electric motors					
6.01	Drive motor capacity (60 min. short duty)	kW	2.2	2.2	2.2
6.02	Lift motor output at 15% duty factor	kW	1.2	1.2	1.2
6.04	Battery voltage/capacity at 5-hour discharge	V/Ah	24/375,465	24/465,620	24/465,620
6.05	Battery weight	kg	280,360	360,475	360,475
Miscellaneous					
8.01	Type of drive control		Stepless	Stepless	Stepless
8.04	Noise level, mean value at operators ear (EN 12053:2001)	dB(A)	63	59	61

\*Travel Speed with load 0/500/1000/2000 Kg

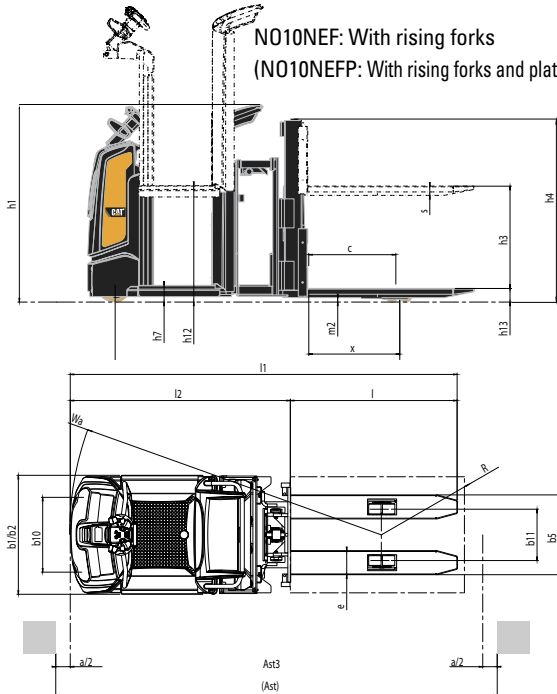
Ast = Wa-x+l6+200  
Ast = Working aisle width  
Wa = Turning radius



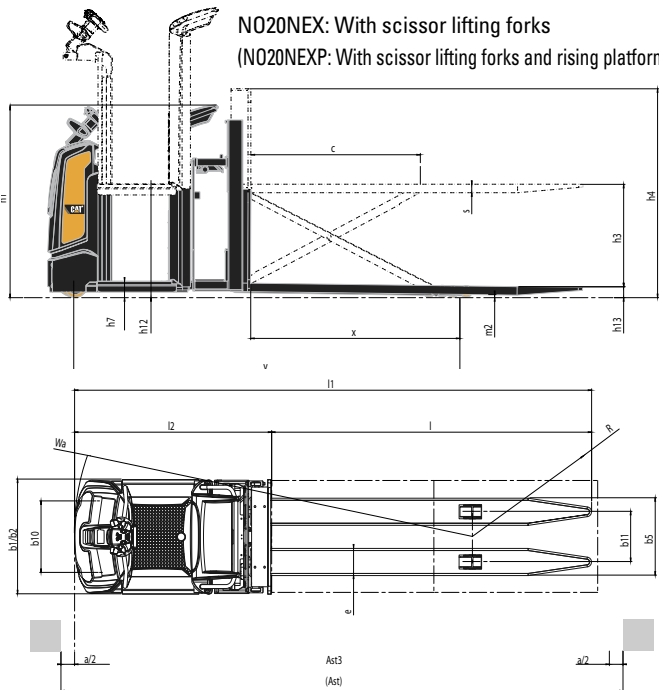
NO20NE: Standard model  
(NO20NEP: With rising platform)



NO10NEF: With rising forks  
(NO10NEFP: With rising forks and platform)



NO20NEX: With scissor lifting forks  
(NO20NEXP: With scissor lifting forks and rising platform)



## Lower Cost of Ownership

- Latest AC technology allows longer service intervals and reduces maintenance costs
- 'Service' and 'fault code' memory functions make for faster troubleshooting by service engineers
- Easy access to critical truck components results in speedier maintenance, squeezing downtime still further

## Unmatched Productivity

- AC motor provides smooth, continuous power and precise drive control, making life easier for truck operators
- Excellent acceleration and manoeuvrability result in substantial increase in picking productivity over previous models
- Smooth, progressive, easy-to-use controls make truck control effortless, keeping operators focused on the task at hand
- Lever on steering wheel raises lifting platform to pick height of 2500mm and steering wheel rises with platform (NO20NEP/NO10NEFP/NO20NEXP)
- Foot-operated button saves time by letting operators lower the platform with their hands full
- Platform and forks can both be raised while driving, reducing cycle times to a minimum
- LCD display provides all key operating information at a glance including drive speed and battery discharge level
- Built-in rollers cut the time required for battery changeover
- Rounded fork tips and tandem load wheels encourage smooth pallet entry whatever the angle, speeding up handling cycles and preventing pallet or load damage
- Operator compartment features class-leading space and chamfered corners, making it quick and easy to pass through the truck
- Presence detection system uses entire floor mat, cutting the time taken to detect operators and start work

## Safety and Ergonomics

- Adjustable, automotive-style steering wheel allows instinctive control with all operating functions within reach of one hand
- Automatic steering wheel centring prevents truck from moving off in an unexpected direction
- Progressive electric steering gives very precise truck control, even at speed
- 'Ergolift' function brings load carrier to perfect height for picking, avoiding unnecessary bending or stretching by operators (NO10NEF/NO20NEX)
- Bright white LED front lights with turn signal function ensure truck operators can see and be seen, even in gloomiest surroundings
- Automatic speed reduction in curves ensures safe cornering and stable load handling
- Maximum truck speed of 12km/h automatically limited according to load weight
- Low step height and wide entrance reduce the risk of slips or trips when mounting/dismounting
- Generously proportioned operator compartment with high backrest and anti-slip floor mat keeps drivers safe and comfortable at all times
- Floor mat presence detection system ensures operator is correctly positioned before truck moves off

## Options

- Walk-by-side drive and fork lift buttons
- Transparent picking list/terminal holder
- Rubber bumper
- Folding seat (NO20NE, NO10NEF, NO20NEX)
- Range of fork lengths to suit different pallet and container types
- 360° electric steering (NO20NE, NO10NEF, NO20NEX)
- Storage tray for picked goods (NO20NEP/NO10NEFP/NO20NEXP)

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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 Cat lift trucks Dealer. Cat Lift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

**CAT** Lift Trucks