



STAND-ON REACH TRUCK

NRS-CB1 Series

Capacity: 1.0 to 3.0 ton



DESIGNED FOR EFFICIENCY, ENGINEERED FOR PERFORMANCE

Longer - Lasting Performance, Improved Safety and Comfort.

The Cat® NRS-CB1 stand on reach truck is our next evolution of forklift trucks, engineered from the ground up with your warehousing needs in mind.



Our Latest Innovations Include:

- LCD Display Panel: Get tasks done quicker, accessing customisable adjustments on-the-go.
- ECO Mode: Extends operating times, providing up to 21% improvement from previous model.
- Stability Enhancements: Intelligent systems automatically detect movement and load, automatically improving stability.
- Enhanced Safety Features: Improve safety records by preventing unauthorised accessing and enhancing stability with intelligent, automatic stabilisers.
- Improved Comfort: Enhancements to driver comfort and accessibility, improving operator productivity.



BOOST PRODUCTIVITY

In a warehouse, productivity is the key to profitability. The NRS -CB1 series introduces a selection of features that will seriously boost productivity - so your operators can get more done, with less time and energy



Precise, Perfect Response

Utilising a convenient administrator screen, service engineers can adjust the operation feeling of the forklift to perfectly match the task at hand.

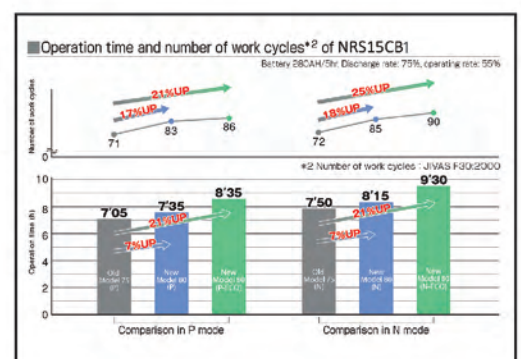
- Customise the acceleration and response rates of the forklift.
- Choose from 3 custom settings
- Strike the perfect balance between speed, precision and safety



Go The Distance With ECO Mode

When warehouse operations go into overtime, so too does the Cat NRS-CB1, thanks to an energy saving ECO mode.

- Activates with a simple tap of the ECO mode button
- Achieves a 15% reduction in overall power consumption
- Extends operating cycle by up to 21%.



ENHANCE DRIVER SAFETY

Your operators are the backbone of your business, and deserve to be well taken care of. The NRS-CB1 makes driving easier and safer with a more solid, stable design. And when operators are overwhelmed, the NRS-CB1 takes charge - proactively making corrections to stabilise the vehicle and keep its operator safe.



Unshakable Stability

The Cat NRS-CB1 stand-on reach truck features improved stability and safety, with intelligent systems that stabilise the forklift when loads are less than perfectly balanced.

- Smart systems detect stability issues and proactively rectify the vehicle's balance.
- Features improvements in horizontal stability and anti-slip capabilities.
- Maintains a high level stability on rough roads, during turns and while lifting loads.



Solid, All-Around

Improved mast rigidity allows for smoother, safer and more energy-efficient operation.

- A reinforced outer mast and shock absorbing structure reduces mast swing and irregular movements.
- Energy-efficient design.
- Additional stability gives forklift operators the confidence to get tasks done quicker and more safely.

ALWAYS RELIABLE

When operating lift truck, you want machines that work as they should - reliably, efficiently and without fuss. The NRS-CB1 delivers with advancements that make this the most fuss-free ride you have ever used.



LCD Positive Display

LCD Negative Display



Advanced Screen Technology

An improved LCD screen give operators much better visibility of their operation displays, whether in the dark indoors or brightly illuminated outdoor areas. Operators can choose from negative or positive display options, depending on their environment.



Anti-Slip Control

With an intelligent anti-slip control system installed in every NRS-CB1 forklift, operators can work more efficiently and reliably than ever - even while carrying heavy loads over rough or slippery surfaces. The smart system automatically snaps into action when needed, minimising or eliminating potential slips, skids or tilts.



Presence Switch

A dedicated presence switch, located under an operator's feet, determines if an operator is present while the forklift is in operation - automatically disabling travelling and hydraulic functions if a driver is not on the vehicle.



Passcode Security System (Optional)

An easy-to-use passcode entry system ensures that only authorised personnel can operate the NRS-CB1 forklift. This simplifies warehouse security processes, while improving safety and security standards.

A COMFORTABLE RIDE

Improved driver comfort leads to increased productivity, especially during long days. We have listened to driver feedback and redesigned the most crucial components of the NRS-CB1 forklift. Now, every button, wheel and handle is ideally within reach, perfectly positioned and comfortable for use for a quick 15-minute task, or throughout an entire shift.



INCLINED STEERING WHEEL

An inclined steering wheel making steering the NRS-CB1 a breeze.



ACCESSIBLE HANDGRIP

The ergonomically designed, repositioned handgrip is now perfectly located for safety and easy accessibility.



COMFORTABLE WAIST PAD

A high waist pad offers better comfort, especially during extended usage.



XL STORAGE COMPARTMENT

The NRS-CB1 is equipped with an extra-large storage compartment that's practical for storing everything operators need to complete their day's tasks.



LOW FLOOR HEIGHT

The NRS-CB1 has a low floor height of minimum 265mm. This makes getting on and off the truck quick, easy and safe - perfect for fast-moving environments and warehouses.







Lift Plus Powertrain Warranty *(optional)*

Confidence you can depend on - Cat Lift Trucks are covered by one of the best powertrain warranties in the business. When you choose a Lift Plus warranty for your new Cat lift truck, you're getting long term protection against powertrain failures, which guarantees that if any major powertrain component fails, it will be replaced... it's that simple. And all Lift Plus warranty repair uses only genuine Cat lift truck parts.

Dealers You Can Depend On

Cat lift trucks dealers are unsurpassed, delivering superior customer service that sets us apart from the competition - before, during and after sale.

Our dealers make available leading support programs with every new Cat lift truck you purchase, including:

- Genuine Cat lift truck OEM parts
- Planned Maintenance
- Rental fleet availability
- Convenient dealer branch locations

Planned Maintenance

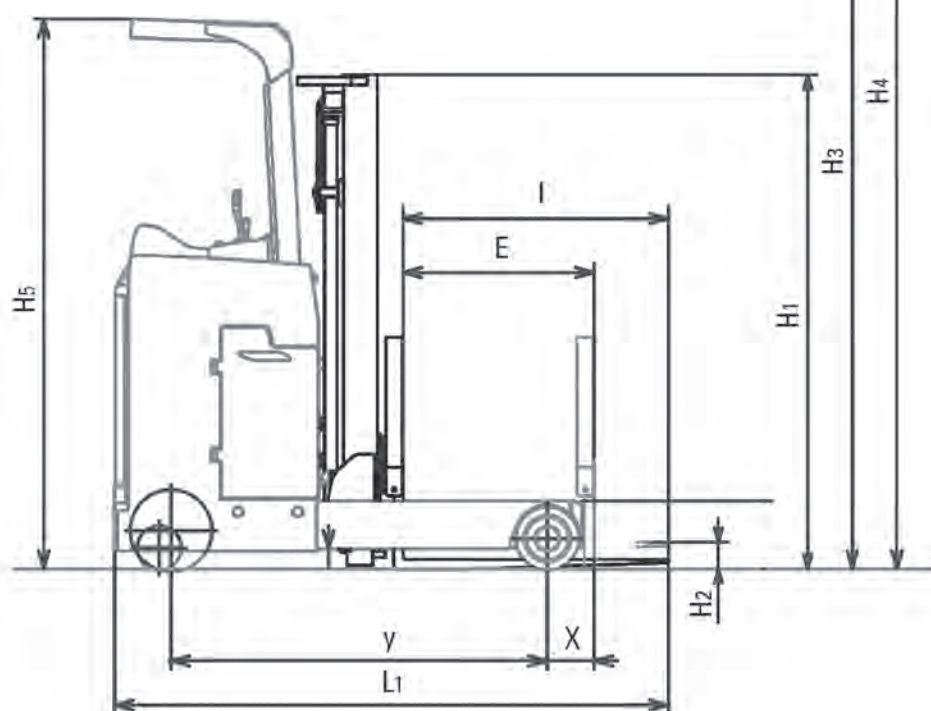
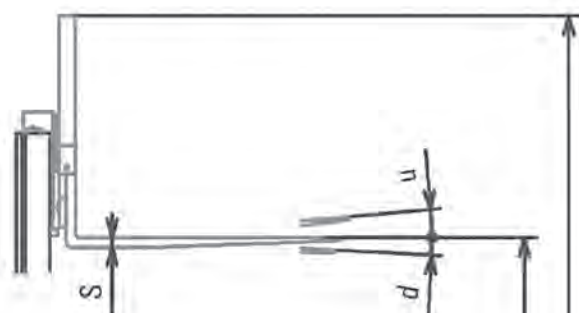
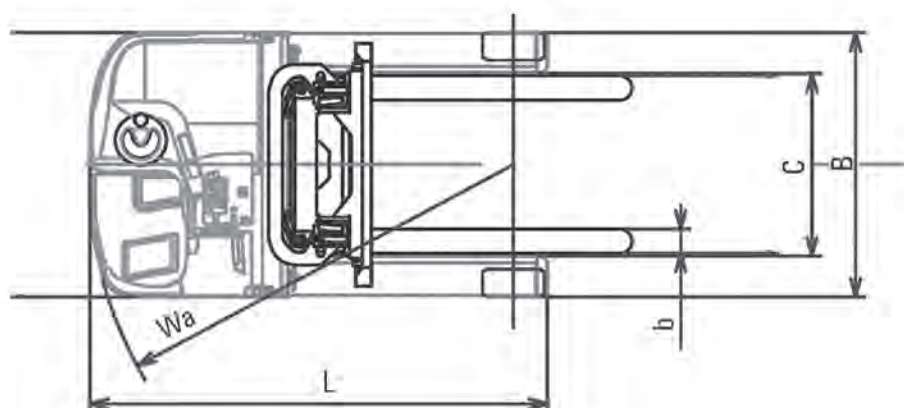
Proper maintenance of your truck helps assure top performance over the long haul and helps extend truck longevity. That's why every Cat lift truck is backed by experienced and reliable dealers who make sure your truck is properly maintained. With Cat lift truck planned maintenance, you won't have to worry about scheduling maintenance or unexpected downtime. Regular planned maintenance calls are scheduled in advance to avoid interference with your operating schedules. Experienced Cat lift trucks service technicians will regularly perform all periodic maintenance including fluid and lubricant check for a predetermined rate. We'll even identify and fix potential problems before they become major difficulties.

STANDARD SPECIFICATION

		Item	Summary		Unit	Narrow Chassis		Long Wheel Base					
									Long Wheel Base			Long Wheel Base	
Type	1	Model				NRS10NCB1	NRS12NCB1	NRS12LCB1	NRS12LCB1	NRS15CB1	NRS18CB1	NRS15LCB1	NRS18LCB1
	2	Capacity		kg		1000	1200	1200	1200	1500	1800	1500	1800
	3	Load center		mm		500	500	500	500	500	500	500	500
	4	Motor type				AC	AC	AC	AC	AC	AC	AC	AC
Dimensions	5	Lift height		H ₃	mm	3000	3000	3000	4000	3000	3000	4000	4000
	6	Free lift		H ₂	mm	400	400	400	400	400	405	400	405
	7	Tilt angle	Down/Up	d/u	deg	3/5	3/5	3/5	3/5	3/5	3/5	3/5	3/5
	8	Fork size	Length/Width/Thickness	l/b/s	mm	850/100/35	850/100/35	850/100/35	850/100/35	850/100/35	920/100/38	850/100/35	920/100/38
	9	Fork setting	Min./Max		mm	225-635	225-635	225-735	225-735	225-735	225-735	225-735	225-735
	10	Length	Overall length	L ₁	mm	1885	1885	1920	1920	2010	2085	2010	2175
	11		Frame	L	mm	1475	1585	1575	1635	1705	1885	1885	1935
	12		To fork face	L ₂	mm	1035	1035	1070	1070	1160	1165	1160	1255
	13	Reach stroke		E	mm	475	585	540	600	590	770	770	770
	14	Overall width	Overall width	B	mm	990	990	1090	1090	1090	1090	1090	1090
	15		Between legs		mm	655	655	750	750	750	750	750	750
	16		Frame		mm	990	990	1090	1090	1090	1090	1090	1090
	17	Height	Leg		mm	275	275	275	275	275	275	275	275
	18		Mast lowered height	H ₁	mm	1995	1995	1995	2495	1995	1995	2495	2495
	19		Mast extended height	H ₄	mm	3900	3900	3900	4900	3900	3900	4900	4900
	20		Overhead guard height	H ₅	mm	2220	2220	2220	2220	2220	2220	2220	2220
	21	Front overhang	Reach out	x	mm	175	175	175	175	185	190	185	190
	22	Floor height			mm	265	265	265	265	265	265	265	265
	23	Min. turning radius		Wa	mm	1350	1455	1455	1510	1580	1760	1760	1810
	24	Right angle turning aisle width	1100x1100 pallet (incl. 200mm clearance)		mm	1725	1785	1795	1815	1855	1930	1930	1960
	25	Right angle stacking aisle width	1100x1100 pallet (incl. 200mm clearance)	Ast	mm	2520	2540	2575	2585	2670	2715	2715	2795
Performance	26	Travel speed	Laden/Unladen		km/h	9.5/10.5	9.5/10.5	10.5/10.5	10.5/10.5	9.5/10.5	9.5/10.5	9.5/10.5	9.5/10.5
	27	Lift speed	Laden/Unladen		mm/s	265/450	240/450	320/540	320/540	310/540	300/540	310/540	300/540
	28	Max. Gradeability	3 min. rating, 1.5km/h and over	%		10/14.3	10/14.3	10/14.3	10/14.3	10/14.3	10/14.3	10/14.3	10/14.3
	29	Service weight	With standard battery		kg	1765	1855	1965	2065	2080	2230	2310	2430
Wheel and Tire	30	Number of wheels	Load/Drive/Caster			2/1/2	2/1/2	2/1/2	2/1/2	2/1/2	2/1/2	2/1/2	2/1/2
	31	Tire	Load		mm	∅ 254x114(Urethane)	∅ 254x114(Urethane)	∅ 254x114(Urethane)	∅ 254x114(Urethane)	∅ 254x114(Urethane)	∅ 254x114(Urethane)	∅ 254x114(Urethane)	∅ 254x114(Urethane)
	32		Drive		mm	∅ 330x145(Rubber)	∅ 330x145(Rubber)	∅ 330x145(Rubber)	∅ 330x145(Rubber)	∅ 330x145(Rubber)	∅ 330x145(Rubber)	∅ 330x145(Rubber)	∅ 330x145(Rubber)
	33		Caster		mm	∅ 178x73(Rubber)	∅ 178x73(Rubber)	∅ 178x73(Rubber)	∅ 178x73(Rubber)	∅ 178x73(Rubber)	∅ 178x73(Rubber)	∅ 178x73(Rubber)	∅ 178x73(Rubber)
	34	Wheelbase		y	mm	1105	1215	1205	1285	1335	1515	1515	1515
	35	Tread	Front		mm	875	875	975	975	975	975	975	975
	36		Rear		mm	565	565	640	640	640	640	640	640
	37	Road clearance	Center of wheelbase		mm	80	80	80	80	80	80	80	80
	38	Service brake	Mech./Hydr./Electr./Pneum.			Mech.	Mech.	Mech.	Mech.	Mech.	Mech.	Mech.	Mech.
	39	Parking brake	Foot/Hand/Deadman			Deadman	Deadman	Deadman	Deadman	Deadman	Deadman	Deadman	Deadman
Drive Unit and Control	40	Battery	Voltage/Capacity (5hr. Rating)	V/Ah		24/420	24/420	48/210	48/210	48/290	48/290	48/290	48/290
	41		Mass (w/case) (min/max)	kg		306 (300/450)	306 (300/450)	340 (340/450)	340 (340/450)	460 (450/750)	460 (450/750)	460 (450/750)	460 (450/750)
	42	Drive motor	60 min. rating	kW		2.6	2.6	4.3	4.3	4.3	4.3	4.3	4.3
	43		Control			AC	AC	AC	AC	AC	AC	AC	AC
	44	Hydraulic motor	5 min. rating	kW		6.0	6.0	8.8	8.8	8.8	8.8	8.8	8.8
	45		Control			AC	AC	AC	AC	AC	AC	AC	AC
	46	Power steering motor	60 min. rating	kW		0.22	0.22	0.3	0.3	0.3	0.3	0.3	0.3
	47		Control			DC	DC	DC	DC	DC	DC	DC	DC
	48	Charger (option)	Type (built-in/stationary)			Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
	49		Charging method			Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
	50		Input	ø/V		3/(400/200)	3/(400/200)	3/(400/200)	3/(400/200)	3/(400/200)	3/(400/200)	3/(400/200)	3/(400/200)
	51		Capacity	kVA		3.4 (400) 3.8 (200)	3.4 (400) 3.8 (200)	3.8	3.8	4.7	4.7	4.7	4.7

NRS10(N)-30(L)CB1

			Long Wheel Base		
NRS20CB1	NRS25CB1	NRS30CB1	NRS20LCB1	NRS25LCB1	NRS30LCB1
2000	2500	3000	2000	2500	3000
500	500	500	500	500	500
AC	AC	AC	AC	AC	AC
3000	3000	3000	4000	4000	4000
400	400	125	400	400	405
3/5	3/5	3/5	3/5	3/5	3/5
920/122/40	920/122/40	1070/122/44	920/122/40	920/122/40	1070/122/44
285-765	285-765	285-765	285-765	285-765	285-765
2205	2205	2460	2205	2245	2560
1915	2085	2185	2085	2155	2385
1285	1285	1390	1285	1325	1490
675	845	835	845	870	935
1190	1190	1230	1190	1190	1230
820	820	795	820	820	795
1190	1190	1190	1190	1190	1190
290	290	295	290	290	295
2050	2050	2050	2550	2550	2550
3950	3950	4050	4950	4950	5050
2280	2280	2280	2280	2280	2280
195	195	190	195	195	190
315	315	315	315	315	315
1785	1955	2050	1955	2020	2250
2015	2090	2160	2090	2125	2265
2815	2865	2970	2865	2915	3105
10/11.5	9.5/11.5	9.0/11.0	10/11.5	9.5/11.5	9.0/11.0
290/490	270/490	220/400	290/490	270/490	220/400
10/14.3	10/14.3	10/14.3	10/14.3	10/14.3	10/14.3
2765	2845	3210	2925	2995	3390
2/1/2	2/1/2	2/1/2	2/1/2	2/1/2	2/1/2
∅ 257x114(Urethane)	∅ 257x114(Urethane)	∅ 257x135(Urethane)	∅ 257x114(Urethane)	∅ 257x114(Urethane)	∅ 257x135(Urethane)
∅ 380x155(Rubber)	∅ 380x155(Rubber)	∅ 380x165(Rubber)	∅ 380x155(Rubber)	∅ 380x155(Rubber)	∅ 380x165(Rubber)
∅ 204x76(Rubber)	∅ 204x76(Rubber)	∅ 204x76(Rubber)	∅ 204x76(Rubber)	∅ 204x76(Rubber)	∅ 204x76(Rubber)
1515	1685	1785	1685	1755	1985
1075	1075	1095	1075	1075	1095
695	695	695	695	695	695
78	78	78	78	78	78
Mech.	Mech.	Mech.	Mech.	Mech.	Mech.
Deadman	Deadman	Deadman	Deadman	Deadman	Deadman
48/350	48/350	48/370	48/350	48/350	48/370
532 (525/900)	532 (525/900)	575 (560/900)	532 (525/900)	532 (525/900)	575 (560/900)
5.0	5.0	5.0	5.0	5.0	5.0
AC	AC	AC	AC	AC	AC
11.0	11.0	11.0	11.0	11.0	11.0
AC	AC	AC	AC	AC	AC
0.3	0.3	0.3	0.3	0.3	0.3
DC	DC	DC	DC	DC	DC
Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
3/(400/200)	3/(400/200)	3/200	3/(400/200)	3/(400/200)	3/200
6.5	6.5	5.2	6.5	6.5	5.2





Cat Lift Trucks offer a complete range of durable lift trucks, from gasoline, LPG, diesel-powered and electric counterbalance lift trucks to warehouse equipment designed to handle your toughest applications. We know you demand uncompromising quality from lift trucks that maximize uptime and get the job done efficiently. Our rugged machines deliver day after day by providing you with all the life-cycle cost of ownership benefits you've come to expect from Cat Lift Trucks.

LET'S DO THE WORK.™

**TOTAL MACHINE
SATISFACTION.**



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