

NSP10-16N
NSV12-16N
NSR12-20N
NSS15-20N

Stacker trucks
1.0 - 2.0 tonnes



ADAPTABLE TO YOUR WAREHOUSE APPLICATIONS

This range of Cat® stacker trucks are built around powerful, programmable AC motors that can match almost any storage and retrieval application in your warehouse. Designed for stacking pallets up to 6.5 meters and for horizontal transport, these stackers are ideally suited to applications in retail, distribution and manufacture.

There are twenty different models, including Initial lift (I) and Straddle (S) variants, to choose from.

Your Cat lift truck dealer can advise you on the best combination to match your unique requirements to deliver the best return for your investment.

20 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)
NSP10N	1.0	Pedestrian	6.0
NSP12N	1.2	Pedestrian	6.0
NSP12NI	1.2	Pedestrian	6.0
NSP16N	1.6	Pedestrian	6.0
NSP16NI	1.6	Pedestrian	6.0
NSP12NS	1.2	Pedestrian	6.0
NSP16NS	1.6	Pedestrian	6.0
NSV12N	1.2	Ped/Platform	6.0
NSV12NI	1.2	Ped/Platform	6.0
NSV12NS	1.2	Ped/Platform	6.0
NSV16N	1.6	Ped/Platform	6.0
NSV16NI	1.6	Ped/Platform	6.0
NSV16NS	1.6	Ped/Platform	6.0
NSR12N	1.2	Stand-on	8.0
NSR16N	1.6	Stand-on	8.0
NSR16NI	1.6	Stand-on	8.0
NSR20N	2.0	Stand-on	7.5
NSS15N	1.5	Sit-on	8.0
NSS15NI	1.5	Sit-on	8.0
NSS20N	2.0	Sit-on	8.0

MAJOR BENEFITS FOR YOUR OPERATION

The Cat range of stacker trucks include pedestrian, platform, stand-on and sit-on models designed for stacking pallets up to 6 meters and for horizontal transport over both short and long distances.

They're available in a wide variety of masts and nominal capacities from 1.0 to 2.0 tonnes. The range includes straddle (S) models for handling wide loads and initial lift (I) models with greater ground clearance allowing for operation on ramps and uneven surfaces.

The 'pedestrian' and 'platform' trucks are controlled by cleverly designed tiller arms, with precise and intuitive controls, while the ride-on models incorporate control consoles for accurate handling that are both comfortable and easy to use.

The smooth, controllable power, combined with the excellent visibility through the mast, enhances the safety of the operator and of other staff in the vicinity, while also helping to prevent accidental damage to the forks, load and racking.

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A wide range of stacker trucks with smooth compact contours encasing adaptable AC power

AC drive motors give excellent traction and ramp performance, even when laden. They're virtually maintenance free and have a relatively low energy consumption compared to traditional DC motors.

The stackers can be set-up to match application requirements using the programmable electronic controller, so that travel speed, acceleration, lift and lowering speeds can be set for the safe handling of fragile loads, for instance.

The poweRamic masts, available on some models in the range, are rigid and strong giving excellent performance at height with high residual capacities. They're also cleverly designed to afford clear views all-round and of the fork tips in particular, for easy pallet entry.

The chassis designs aid stability within their compact footprints, for easy maneuverability in tight spaces and over short or long distances. Initial lift (I) models enable operation on ramps and uneven surfaces while Straddle (S) models enable handling of wide loads.

For added safety on the tiller arm models, braking is engaged in a number of situations: when the tiller is released; when the tiller is fully raised or lowered; when changing travel direction; when releasing the accelerator; when stopping on a ramp.

With cold storage modifications also available on selected models, these trucks are capable of meeting the challenges of a wide range of stacking applications.





(Pictured far left, from top)
The **NSV12-16NI** range of platform stackers include Initial lift (I) versions for handling two pallets simultaneously.

The **NSP10-16N** range of pedestrian stackers include Initial lift and Straddle (S) models for handling wide loads.

The **NSR20-20N** ride-in trucks for stacking up to 6.2m and shuttles over longer distances.

(Main picture)
The **NSS20N** sit-on stacker handles loads up to 2 tonnes, stacks up to 6.3 meters and is efficient over long distances for horizontal transport.

ADAPTABLE POWER

NSP10-16N/I/S PEDESTRIAN STACKERS

IDEAL FOR STACKING UP TO 5.4 METERS AND SHORT SHUTTLE APPLICATIONS

These pedestrian stackers are ideally suited to many applications in retail, distribution and manufacture.

The seven models are available in a wide variety of masts to match the application and can handle loads from 1.0 - 1.6 tonnes.

For safer handling of fragile loads the 1.6 tonnes models come with 'proportional' (or stepless) lowering as standard.

Initial lift 'I' models, **NSP12NI & NSP16NI**, are designed for driving on ramps and uneven floors and for handling two loads simultaneously.

Straddle 'S' models, **NSP12NS & NSP16NS**, enable the handling of wider loads and bottom boarded pallets. With load leg openings adjustable up to 1.3m, these trucks can easily be matched to suit the load.

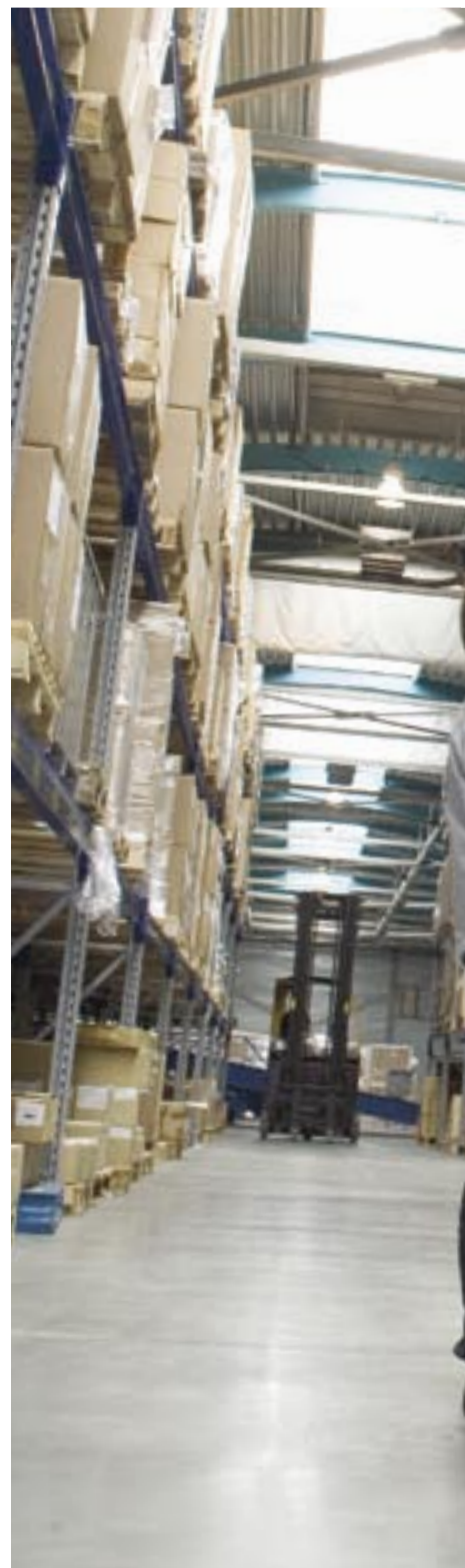
AC motors provide smooth controllable power and the trucks can be set-up to precisely match application requirements and operator ability. The ergonomic tiller head with dual-hand control combined with excellent all-round vision, over the low power heads and through the masts, makes maneuvering easy and aids accurate pallet entry and safe load handling.

7 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	POWER/VOLTS
NSP10N	1.0	Pedestrian	6.0	24 / 160-230
NSP12N	1.2	Pedestrian	6.0	24 / 160-230
NSP12NI	1.2	Pedestrian	6.0	24 / 160-230
NSP16N	1.6	Pedestrian	6.0	24 / 270-345
NSP16NI	1.6	Pedestrian	6.0	24 / 270-345
NSP12NS	1.2	Pedestrian	6.0	24 / 160-230
NSP16NS	1.6	Pedestrian	6.0	24 / 270-345

OPTIONS

- Choice of drive and load wheels to suit application
- Cold storage modification (class III, - 35°C)
- Battery changing trolley
- Pin pad
- Proportional lifting and lowering for NSP12N/12NI/12NS
- Load backrest
- Wide variety of fork lengths and widths
- Built-in charger
- Special RAL color
- Wide variety of lifting heights





(Pictured from left to right)
Short shuttles are made easy.

The **TILLER ARM** is the same as on the Power Pallet range, making it easy for operators to switch between trucks.

(Main picture)
Operators have clear views through the masts for safe and accurate handling, reducing potential damage to loads, forks and racking.



NSV12-16N/I/S PLATFORM STACKERS

DESIGNED FOR STACKING UP TO 5.4 METERS AND HORIZONTAL TRANSPORT.

The fold-down platform and the fold-out side guards (standard on the 1.6 tonnes and optional on the 1.2) provide excellent operator stability and allow increased speeds when turning, making these trucks ideal for stacking applications over longer distances.

The range can handle loads up to 1.6 tonnes and in pedestrian mode, the platform folds flat against the chassis to aid maneuverability even in the tightest spaces.

Initial lift 'I' models, **NSV12NI & NSV16NI**, are designed for driving on ramps and uneven floors and for handling two loads simultaneously.

Straddle 'S' models, **NSV12NS & NSV16NS**, enable the handling of wider loads and bottom boarded pallets. With a choice of fixed load legs from 1124 mm until 1524 mm, these trucks can easily be matched to meet your needs.

These platform stackers use the same AC technology and tiller arm as other Cat Lift Trucks' warehouse equipment, making it easy for operators to switch between trucks without affecting performance.

6 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	POWER/VOLTS
NSV12N	1.2	Pedestrian/Platform	6.0	24 / 270-375
NSV12NI	1.2	Pedestrian/Platform	6.0	24 / 270-375
NSV12NS	1.2	Pedestrian/Platform	6.0	24 / 270-375
NSV16N	1.6	Pedestrian/Platform	6.0	24 / 375
NSV16NI	1.6	Pedestrian/Platform	6.0	24 / 375
NSV16NS	1.6	Pedestrian/Platform	6.0	24 / 375

OPTIONS

- Various fork lengths and widths.
- Customisable side plates.
- Various mast types (duplex, triplex, with or without freelifit).
- PIN code startup with programmable features.
- Choice of different wheel materials.
- Lift height indicator.
- Load weight indicator.
- Internal charger.





(Pictured from left to right)
The powerRamic mast affords excellent overall visibility for safe operation and precise load handling.

(Main picture)
These stackers are precision engineered for fast travel and fast lifting speeds that guarantee high productivity lifting loads up to 5400mm (with Triplex mast).

NSR12-20N/I STAND-ON STACKERS

DESIGNED FOR STACKING UP TO 6.5 METERS AND HORIZONTAL TRANSPORT ACROSS THE LONGER DISTANCES IN YOUR WAREHOUSE

This compact range of Stand-on stackers is ideal in stacking situations and horizontal movements up to 80 meters plus, particularly where operators need frequent and easy on-off access.

Precision engineered for fast travel and fast lifting speeds these trucks are ideal for work in aisles too narrow for reach trucks.

Extendable side stabilizers (standard with Triplex masts, optional on simplex and duplex) support high residual capacity at heights of up to 6.5 meters.

Where increased ground clearance is needed, when working on ramps or uneven floors, the **NSR16NI** Initial lift model is the answer. The range benefits from progressive steering and automatic speed reduction in curves for improved stability at high speeds.

Automatic speed reduction with increased lift height, enhances the safety of the operator, other workers in the vicinity, as well as the load and racking.

These stand-on stackers are smooth, powerful and programmable to suit your applications and enable your operators to deliver the productivity you demand.

4 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	POWER/VOLTS
NSR12N	1.2	Stand-on	8.0	24 / 375
NSR16N	1.6	Stand-on	8.0	24 / 375
NSR16NI	1.6	Stand-on	8.0	24 / 375
NSR20N	2.0	Stand-on	7.5	24 / 575-625

OPTIONS

- Various fork lengths.
- Side plates can be customized.
- Various mast types (duplex, triplex with or without freelif).
- Side stabilizers for extra residual capacity on simplex & duplex masts.
- Compulsory lowering of side stabilizers at 2.5 m lift height or higher.
- Choice of different wheel materials.
- Joystick control.
- Warning light & drive alarm.
- List bracket or PC support.
- Key switch instead of start/stop button.





(Inset picture)
Side stabilisers improve residual capacity when working at height.

(Main picture)
Low-step and easy on-off access make these stackers comfortable and easy to use.

DESIGNED FOR STACKING UP TO 6.5 METERS AND HORIZONTAL TRANSPORT IN THE LARGEST WAREHOUSES

The **NSS15-20N** range of sit-on stackers benefits from the same productive features as the 'ride-on' models: AC power and programmability; durable chassis and mast construction; high residual capacities and automatic speed reduction in curves and at increased lift heights.

There is also an Initial lift (I) model, the **NSS15NI**, which is designed for applications on ramps and uneven floors.

Your drivers are well protected by the wrap-around chassis and the adjustable seat allows for comfortable long-shift operations. The standard pin-code start-up and driver specific settings make these trucks easy for use by different drivers.

Extendable side stabilizers, standard on models with triplex masts, give high residual capacities when working at height.

OPTIONS

- Various fork lengths.
- Lift height pre-selector and indicator (NSS20N only).
- Customized side plates.
- Pallet entry & exit rollers.
- Choice of different wheel materials.
- Picking list bracket or PC support.
- Key switch start.
- Compulsory lowering of side stabilizers at 2.5 m lift height or higher.
- Extendable side stabilizers on models with duplex masts

NSS15-20N/I SIT-ON STACKERS

3 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	POWER/VOLTS
NSS15N	1.5	Sit-on	8.0	24 / 375-500
NSS15NI	1.5	Sit-on	8.0	24 / 375-500
NSS20N	2.0	Sit-on	8.0	24 / 375-500



(Inset picture)
Adjustable seat and wrap-around chassis keep drivers comfortable, safe and productive.

(Main picture)
Operators benefit from excellent all-round vision through the overhead guard and poweRamic high visibility masts (poweRamic mast available only on the NSS20N).

EASY SERVICE ACCESS



THE STACKER RANGE HAS BEEN DESIGNED FOR EASY MAINTENANCE AND SERVICING.

All trucks benefit from easily opened panels and covers, as well as swing out seats on the NSS15-20N sit-on models, for quick service access to all components.

Although the powerful AC drive motors are virtually maintenance free, built-in diagnostics monitor truck performance to minimize essential servicing downtime.

Battery exchange is also quick and easy, using standard battery rollers to maintain high shift productivity.

More information on maintenance programs and other dealer services are outlined in the following pages.

(Pictured left to right)
Built-in diagnostics monitor truck performance.

Panels open easily giving wide service access.

A WEALTH OF DEALER SERVICES

Wherever you're located, however tough the work you do, you'll find a local Cat dealership and customer support service dedicated to answering your needs with integrity and dedication to customer satisfaction. Operating closely in partnership with your dealership will ensure your Cat equipment keeps running with optimum efficiency at all times – for outstanding results.

After sales service

Fully equipped service vans, carrying specialized tooling and carefully selected stocks of service items, are on call to ensure the best quality care for your fleet.

Manned by well-trained and dedicated service technicians, using the latest technical information and genuine Cat Lift Truck parts, ensure inspections and service operations are carried out to the highest professional standards.

Maintenance programs

Our individually tailored programs ensure prompt, professional service while giving our clients accurate budgeting and full control over operating expenses.

And timely maintenance, carried out by Cat trained lift truck technicians can minimize downtime and extend equipment life. Your dealer will be happy to propose a maintenance plan that's right for you.

Financing options to suit your cashflow

Your Cat Lift Truck dealer can offer a wide range of financing options including outright purchase, leasing and rental agreements, to spread equipment costs over its working life in the most tax efficient way.

Fleet management

We can identify, control, and reduce the cost of materials handling and re-engineer your fleet to improve utilization.

For customers with national or multi-national operations, your Cat lift truck dealer can provide further benefits to your business, such as service contracts, training and safety programs, fleet audits and application surveys, centralized billing as well as cost analysis and reporting.

Parts operation

Our parts availability rate is one of the highest in the industry at 96% full-line, first-pick, and higher for current production models, from our centrally based facility located in Belgium.

Depend on us

Our whole organization is geared to providing a seamless and efficient service to keep your operation running smoothly and profitably.



For more information about
Cat stacker trucks, or the rest of
our comprehensive range please
contact your Cat lift truck dealer
or visit www.catliftruck.com.



For nearly 80 years Caterpillar has built some of the world's best construction and agricultural vehicles, designed to perform in the toughest environments. This same philosophy has been applied to our materials handling equipment, that offers a complete range of counterbalance and warehouse trucks.

Every day our dealer network delivers bespoke materials handling solutions in more than 70 Countries across Europe, Africa and the Middle East. We continually invest in the selection, development and support of our dealer network.

Come and talk to us about your materials handling requirements, or visit our website: **www.catliftruck.com**.

Cat Lift Trucks. Your partner in materials handling.

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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