

NSP10-16N2
NSV16N
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 five different models, including Initial lift (I) and Straddle (S) variants, to choose from. Your Cat lift trucks dealer can advise you on the best combination to match your unique requirements to deliver the best return for your investment.

25 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)
NSP10N2	1.0	Pedestrian	6.0
NSP12N2	1.2	Pedestrian	6.0
NSP12N2R	1.2	Ped/Platform	6.0
NSP12N2I	1.2	Ped, Initial Lift	6.0
NSP12N2IR	1.2	Ped/Platform Initial Lift	6.0
NSP14N2	1.4	Pedestrian	6.0
NSP14N2R	1.4	Ped/Platform	6.0
NSP14N2I	1.4	Ped, Initial Lift	6.0
NSP14N2IR	1.4	Ped/Platform Initial Lift	6.0
NSP16N2	1.6	Pedestrian	6.0
NSP16N2R	1.6	Ped/Platform	6.0
NSP16N2I	1.6	Ped, Initial Lift	6.0
NSP16N2IR	1.6	Ped/Platform Initial Lift	6.0
NSP16N2S	1.6	Pedestrian, Straddle	6.0
NSP16N2SR	1.6	Ped/Platform, Straddle	6.0
NSV16N	1.6	Ped/Platform	9.0
NSV16NI	1.6	Ped/Platform Initial Lift	9.0
NSV16NS	1.6	Ped/Platform Straddle	9.0
NSR12N	1.2	Stand-on	8.0
NSR16N	1.6	Stand-on	8.0
NSR16NI	1.6	Stand-on Initial Lift	8.0
NSR20N	2.0	Stand-on	7.5
NSS15N	1.5	Sit-on	8.0
NSS15NI	1.5	Sit-on Initial Lift	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 6.5 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 **NSV16NI** range of platform stackers include Initial lift (I) versions that allow ground clearance to be increased for ramp work.

The **NSP16N2** range includes Straddle models (S) with a foldable platform that allows working with UK-pallets in confined spaces.

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

NSP10-16N2/R/I/IR/S/SR PEDESTRIAN STACKERS

DESIGNED FOR SHORT SHUTTLE APPLICATIONS AND STACKING UP TO 5.4 METRES HIGH, the NSP10-16N2 range

of pedestrian stacker trucks incorporates all the latest technology to provide a reliable and productive handling workhorse for any warehouse.

Fleet managers will be impressed by the low running costs and productivity boost that result from the trucks' water and dirt-resistant construction, their overall robustness and the energy-saving programmable drive options.

Maintenance staff will appreciate the straightforward access to all the major truck parts and the reduced component count that results from the integrated drive and lift system. Operators will enjoy the smooth and precise control characteristics, the comfortable operating position provided by the latest tiller arm design and the excellent visibility through the mast.

And health and safety managers will love the extra load stability afforded by the height-adjustable castor wheel and the high-strength masts.

The **NSP10N2** is a highly capable 1.0 tonne machine that will fit into the tightest warehouse environments. The more muscular **NSP12N2**, **NSP14N2** and **NSP16N2** offer 1.2, 1.4 and 1.6 tonnes load capacities respectively.

The 1.2, 1.4 and 1.6 tonne models come in versions with a fold-down operator platform to take all the legwork out of longer distances (**NSP12/14/16N2R**). All three also come in initial lift variants (**NSP12/14/16N2I**) which allow ground clearance to be increased for ramp work. Versions with both the operator platform and initial lift are also available (**NSP12/14/16N2IR**).

15 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	POWER/ VOLTS
NSP10N2	1.0	Pedestrian	6.0	24 / 150
NSP12N2	1.2	Pedestrian	6.0	24 / 150-250
NSP12N2R	1.2	Ped/Platform	6.0	24 / 150-250
NSP12N2I	1.2	Ped, Initial Lift	6.0	24 / 250
NSP12N2IR	1.2	Ped/Platform Initial Lift	6.0	24 / 150-250
NSP14N2	1.4	Pedestrian	6.0	24 / 250
NSP14N2R	1.4	Ped/Platform	6.0	24 / 250
NSP14N2I	1.4	Ped, Initial Lift	6.0	24 / 250
NSP14N2IR	1.4	Ped/Platform Initial Lift	6.0	24 / 250
NSP16N2	1.6	Pedestrian	6.0	24 / 250-375
NSP16N2R	1.6	Ped/Platform	6.0	24 / 250-375
NSP16N2I	1.6	Ped, Initial Lift	6.0	24 / 250-375
NSP16N2IR	1.6	Ped/Platform Initial Lift	6.0	24 / 250-375
NSP16N2S	1.6	Pedestrian, Straddle	6.0	24 / 250-375
NSP16N2SR	1.6	Ped/Platform, Straddle	6.0	24 / 250-375

For bottom boarded or extra-wide pallets, the **NSP16N2S** provides the perfect way to straddle the load, while the **NSP16N2SR** is a straddle truck with a fold-down operator platform.

OPTIONS*

- Load backrest
- Multifunction display including hour meter
- Equipment holder for A4-size list bracket, computer rack, bottle holder and pen holder
- Cold store modification class III for environments down to -35°C

* For a complete list of options, please contact your nearest dealer.





(Pictured clockwise from left to right)

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

Initial lift variants, (**NSP12/14/16N2I**), allow ground clearance to be increased for ramp work.

By straddling, the **NSP16N2S/R** trucks are able to handle bottom boarded or extra-wide loads.

(Main picture)

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



NSV16N/I/S PLATFORM STACKERS

DESIGNED FOR STACKING UP TO 5.4 METERS AND HORIZONTAL TRANSPORT.

The standard fold-down platform on these 1.6 tonne trucks provides excellent operator stability and makes them 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.

The Initial lift 'I' model, **NSV16NI**, is designed for driving on ramps and uneven floors.

The Straddle 'S' model, **NSV16NS**, enables the handling of wider loads and bottom boarded pallets. With a choice of fixed load legs from 1124 mm to 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® warehouse equipment, making it easy for operators to switch between trucks without affecting performance.

3 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	POWER/ VOLTS
NSV16N	1.6	Pedestrian/Platform	9.0	24 / 375
NSV16NI	1.6	Pedestrian/Platform Initial Lift	9.0	24 / 375
NSV16NS	1.6	Pedestrian/Platform Straddle	9.0	24 / 375

OPTIONS

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





(Pictured from top)
The PoweRamic 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 / 240-375
NSR16N	1.6	Stand-on	8.0	24 / 240-375
NSR16NI	1.6	Stand-on Initial Lift	8.0	24 / 240-375
NSR20N	2.0	Stand-on	7.5	24 / 575-625

OPTIONS

- Various fork lengths.
- Side plates can be customized.
- Various mast types (simplex, 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.

NSS15-20N/I SIT-ON STACKERS

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.

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 Initial Lift	8.0	24 / 375-500
NSS20N	2.0	Sit-on	8.0	24 / 375-500

OPTIONS

- Various fork lengths.
- 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.

(Top picture)

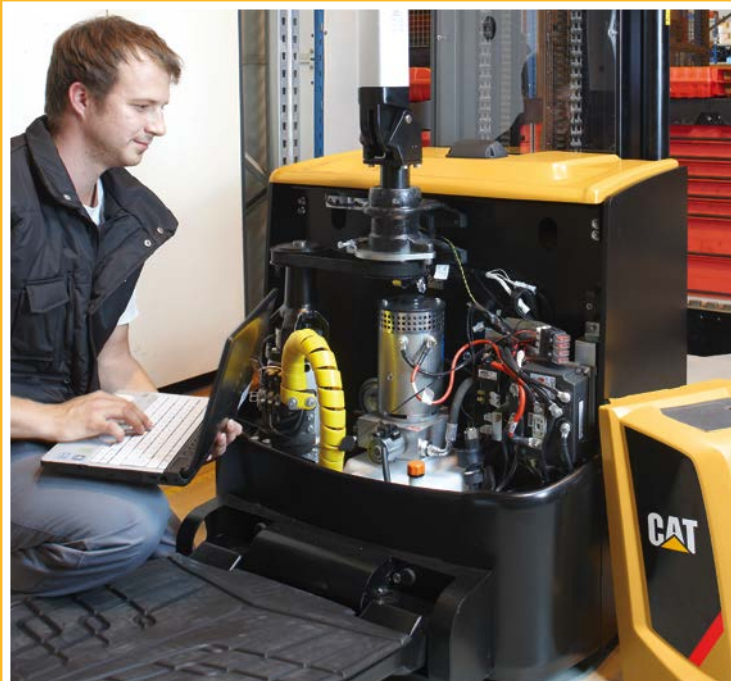
Adjustable seat and wrap-around chassis keep drivers comfortable, safe and productive.

(Bottom 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 factory 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 trucks 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 trucks 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 trucks dealer or visit **www.catlifttruck.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.catlifttruck.com**.

Cat Lift Trucks. Your partner in materials handling.