

NSP10-16N2 / NSP12PC, NSV12-16P, NSR12-20N, NSS15-20N



ADAPTABLE POWER

STACKER TRUCKS
1.0 - 2.0 tonnes



ADAPTABLE TO YOUR WAREHOUSE APPLICATIONS

This range of Cat® stacker trucks is 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 metres and for horizontal transport, these stackers are ideally suited to applications in retail, distribution and manufacture.

There are twenty eight 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 and deliver the best return on your investment.

28 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)
NSP10N2	1.0	Pedestrian	6.0
NSP12PC	1.2	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
NSV12P	1.2	Ped/Platform	5.6
NSV12PI	1.2	Ped/Platform Initial Lift	5.6
NSV16P	1.6	Ped/Platform	8.5
NSV16PI	1.6	Ped/Platform Initial Lift	8.5
NSV16PS	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 includes pedestrian, platform, stand-on and sit-on models designed for stacking pallets up to 6.5 metres 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 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.

CONTENTS	PAGE
THE RANGE	4
ADAPTABLE AND POWERFUL	
NSP10-16N2/R/I/IR/S/SR / NSP12PC	6
PEDESTRIAN STACKERS	
NSV12-16P/I/S	8
PLATFORM STACKERS	
NSR12-20N/I	10
STAND-ON STACKERS	
NSS15-20N/I	12
SIT-ON STACKERS	
EASY SERVICE ACCESS	13
DEALER SERVICES	14



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 manoeuvrability 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 **NSV12-16P** range of platform stackers includes 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 **NSR12-20N** stand-on trucks for stacking up to 6.5m and shuttles over longer distances.

(Main picture)
The **NSS20N** sit-on stacker handles loads up to 2 tonnes, stacks up to 6.5 metres and is efficient over long distances for horizontal transport.

ADAPTABLE POWER

NSP10-16N2/R/I/IR/S/SR / NSP12PC PEDESTRIAN STACKERS

DESIGNED FOR SHORT SHUTTLE APPLICATIONS AND STACKING UP TO 5.4 METRES HIGH.

This 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 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.

Compact model **NSP12PC** is the narrowest and lightest of all.

The **NSP12N2** and more muscular **NSP14N2** and **NSP16N2** offer 1.2, 1.4 and 1.6 tonne load capacities respectively.

There are versions with a fold-down operator platform to take all the legwork out of longer distances (**NSP12/14/16N2R**). Initial lift variants (**NSP12/14/16N2I**) allow ground clearance to be increased for ramp work. Versions with both operator platform and initial lift are also available (**NSP12/14/16N2IR**).

16 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	VOLTS/ Ah
NSP10N2	1.0	Pedestrian	6.0	24 / 150
NSP12PC	1.2	Pedestrian	6.0	24 / 150-230
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 INCLUDE*

- 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)

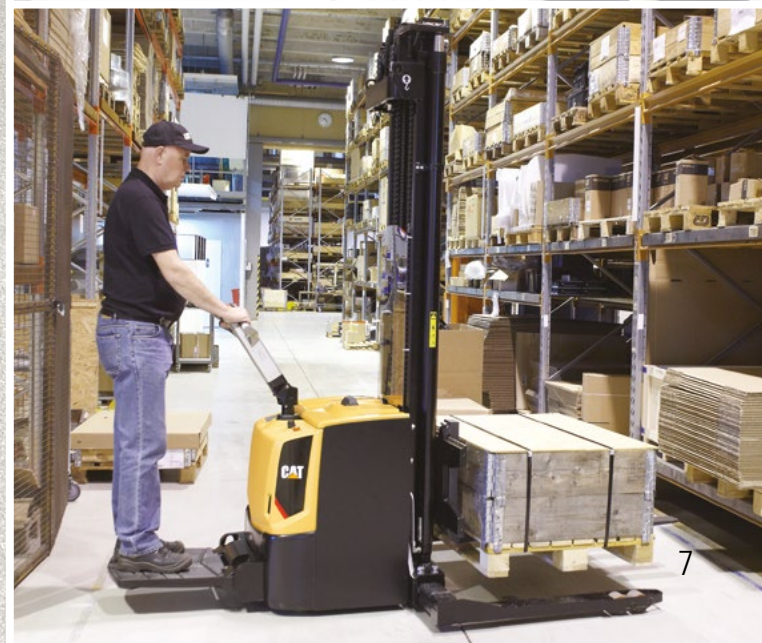
Ergonomic tiller head designs bring user-friendly controls within easy reach for precise and safe operation.

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.

Compact pedestrian stacker **NSP12PC** is the narrowest and lightest of all (at 660 mm and 775 kg including maximum battery).

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



NSV12-16P/I/S PLATFORM STACKERS

DESIGNED FOR STACKING UP TO 5.4 METRES AND HORIZONTAL TRANSPORT OVER ALL DISTANCES.

These versatile platform stackers can be used in pedestrian or ride-on mode, with a platform which folds flat against the chassis – to save space – when not needed. They are adaptable to a diversity of applications in narrow spaces, including occasional order picking.

The **NSV12P** offers a 1.2 tonne capacity, for lighter duties, but is equipped to the same high standard as the other models. There is also a 1.2 tonne initial lift model, **NSV12PI**.

The **NSV16P** handles loads up to 1.6 tonnes. In addition to the options applicable to all models, this stacker can be fitted with wide straddle legs if required.

Initial lift model **NSV16PI** can raise its load legs to give extra ground clearance for travel on uneven floors and ramps. It can also handle two pallets at once, with one on the load legs and one on the forks.

Straddle model **NSV16PS** is ideal for handling extra-wide loads and bottom-boarded pallets. With load legs placed around the pallet, its forks are free to lift from ground level.

5 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	VOLTS/ Ah
NSV12P	1.2	Pedestrian/Platform	5.6	24/220-400
NSV12PI	1.2	Pedestrian/Platform Initial Lift	5.6	24/220-400
NSV16P	1.6	Pedestrian/Platform	8.5	24/220-400
NSV16PI	1.6	Pedestrian/Platform Initial Lift	8.5	24/220-400
NSV16PS	1.6	Pedestrian/Platform Straddle	9.0	24/375

OPTIONS INCLUDE*

- Electronic power steering
- Adjustable tiller arm length
- Foldable side bars
- Fixed platform with choice of barrier designs
- Load backrest low or high
- Overhead guard
- Cold store adaptation (-35°C)
- Li-ion batteries





(Main picture)
These stackers are
precision-engineered for
fast travel and fast lifting
speeds that guarantee
high productivity.
Pedestrian and platform
models lift loads up to
5.4 metres with triplex
mast.



DOWNLOAD
SPEC SHEET

NSR12-20N/I STAND-ON STACKERS

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

This compact range of stand-on stackers is ideal in high-stacking situations and for horizontal movements up to 80 metres and beyond, 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 stabilisers (standard with triplex masts, optional on simplex and duplex) support high residual capacity at heights of up to 6.5 metres.

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 and other workers in the vicinity, as well as the load and racking.

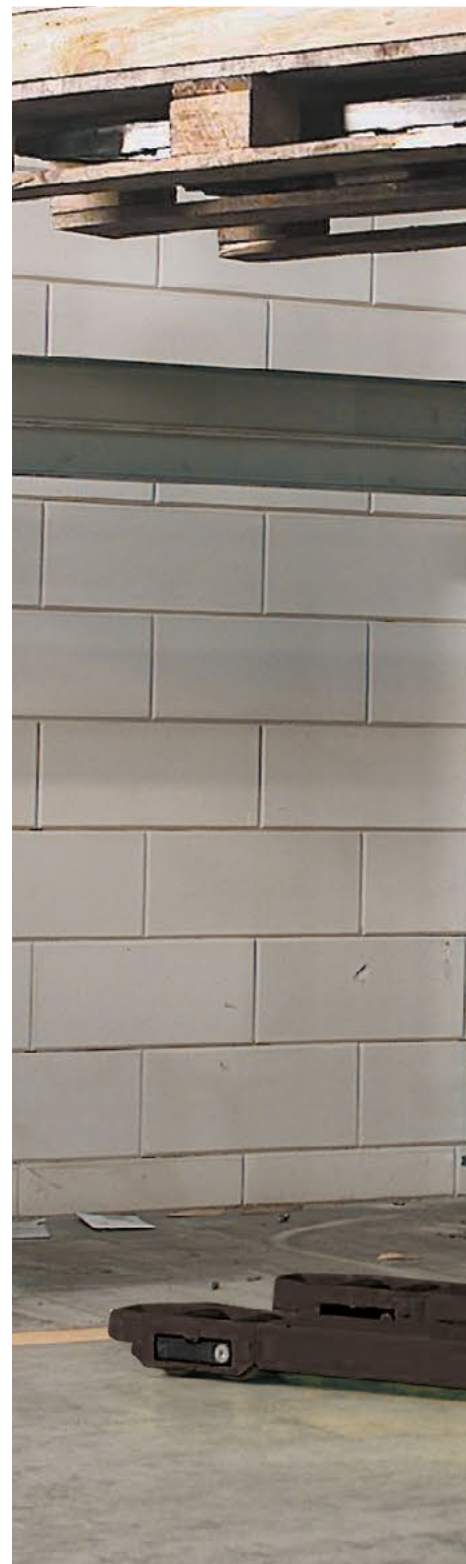
These stand-on stackers are smooth, powerful and programmable to suit your applications and enable your operators to deliver the productivity you demand.

4 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	VOLTS/ Ah
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 INCLUDE*

- Various fork lengths
- Side plates can be customised
- Various mast types (simplex, duplex, triplex with or without freelifit)
- Side stabilisers for extra residual capacity on simplex and duplex masts
- Compulsory lowering of side stabilisers at 2.5 m lift height or higher
- Choice of different wheel materials
- Joystick control
- Warning light and 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.



DOWNLOAD
SPEC SHEET

NSS15-20N/I SIT-ON STACKERS

DESIGNED FOR STACKING UP TO 6.5 METRES 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, while 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 stabilisers, 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)	VOLTS/ Ah
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 INCLUDE*

- Various fork lengths
- Customised side plates
- Pallet entry and exit rollers
- Choice of different wheel materials
- Picking list bracket or PC support
- Key switch start
- Compulsory lowering of side stabilisers at 2.5 m lift height or higher
- Extendable side stabilisers 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 minimise essential servicing downtime.

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

More information on maintenance programmes 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 lift truck 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.

Aftersales service

Fully equipped service vans, carrying specialised 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 parts, they ensure inspections and service operations are carried out to the highest professional standards.

Maintenance programmes

Our individually tailored programmes 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 minimise 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 utilisation.

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 programmes, fleet audits, application surveys and centralised 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 organisation 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.catlifttruck.com**.

Whatever materials handling equipment you need, our global network of Cat lift truck dealers is equipped to provide the solution.

Our constant investment in selecting, developing and supporting our dealer network ensures you receive not just the best equipment but the best service, advice and support in the industry.

LET'S DO THE WORK.™



**WATCH
VIDEOS**



**DOWNLOAD
OUR APP**

www.catlifttruck.com

©2019, MCPE. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission. Printed in The Netherlands. 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.

WEBC1997

