

ENERGISING PERFORMANCE



ORDER PICKING TRUCKS 1.0 - 2.5 tonnes



THE RIGHT TRUCKS FOR YOUR WAREHOUSE

The more storage you have per square metre, the higher your picking costs – so you need order pickers specified to match your requirements efficiently and effectively, with operator environments that maximise productivity.

Built around powerful, programmable AC motors, this range of trucks includes models and options to suit almost any low-, medium- and high-level order picking application.



11 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)
NO12N2F	1.2	Low-Level	13.0
NO12N2FP	1.2	Low-Level	13.0
NO20N2	2.0	Low-Level	9.0
NO25N2	2.5	Low-Level	13.0
NO20N2P	2.0	Low-Level	9.0
NO25N2P	2.5	Low-Level	13.0
NO20N2X	2.0	Low-Level	13.0
NO20N2XP	2.0	Low-Level	13.0



NOL10P	1.0	Second-Level	9.0
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NOM10P	1.0	Medium-Level	11.0
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NOH12PH	1.25	High-Level	12.0
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(Front cover picture)
The 'energising'
NO-N2 range of low-
level order pickers.

MAJOR BENEFITS FOR YOUR OPERATION

Cat® Lift Trucks order pickers can offer your business ideal working solutions in picking environments right up to high level.

The range has been designed and specified so that almost any application requirement can be matched by a particular model variant or combination.

Smooth, programmable AC power matched with rugged chassis designs and long service intervals make these order pickers a safe choice and deliver low total costs of operation.



A FULL AND VERSATILE RANGE

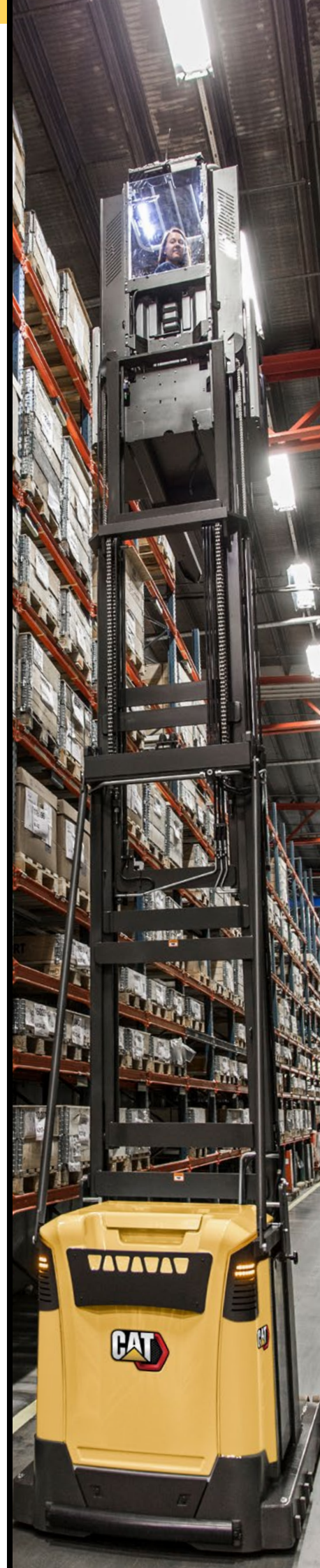
Order pickers for low- to high-level applications, designed for productivity and built to high specifications.

This full range of trucks includes eight low-level models and two 2nd-level variants, as well as a medium-level and a high-level solution, to precisely match your particular order picking requirements.

AC motors deliver smooth, controllable power for speedy operation and precise control. The operator compartments and safety features, such as fold-down gates, non-slip mats and grab handles, enhance secure working, even at the highest levels.

All trucks can be programmed for travel speed and lifting/lowering, where applicable, to match operator ability, load type and working conditions.

Selecting the right combination of trucks for your requirements is critical in minimising your total cost of operation. So please take a look through the following pages to discover which trucks and options would suit you best.





(Pictured clockwise from far left)
The **NOH12PH** is designed for high-level picking at heights up to 12.1 m.

The *LiftComfort* and platform on this **NOL10P** 2nd-level order picker lift both the picking container and the operator to convenient heights for work anywhere up to 2nd level.

(Main Picture)
Low-level picking: an operator loads the **NO20N2**.



N012-25N2

PEAK PRODUCTIVITY AT LOWER HEIGHTS

ENERGISE YOUR OPERATION

The NO-N2 range of low-level order pickers is all about making best use of energy. As well as delivering the best energy efficiency in the market, its design maximises your driver's energy and transmits full power to your warehouse operation. Productivity in first- and second-level picking is boosted by saving time and effort, reducing unnecessary fatigue and empowering the operator with high-performing equipment.

Building on the *Responsive Drive System (RDS)* technology pioneered in recent Cat electric counterbalance trucks, the order pickers react rapidly to operator steering behaviour and travel speed. Their unique intelligent curve control constantly adjusts steering sensitivity, cornering speed and turning angle limitation to meet changing needs. The latest generation of controllers and software also optimises acceleration, traction, regenerative braking and other characteristics for smooth, safe, confident and enjoyable driving.

8 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	VOLT/Ah
N012N2F	1.2	Low-Level	13.0	24 / 465-620
N012N2FP	1.2	Low-Level	13.0	24 / 465-620
N020N2	2.0	Low-Level	9.0	24 / 465-620
N025N2	2.5	Low-Level	13.0	24 / 465-620
N020N2P	2.0	Low-Level	9.0	24 / 465-620
N025N2P	2.5	Low-Level	13.0	24 / 465-620
N020N2X	2.0	Low-Level	13.0	24 / 465-620
N020N2XP	2.0	Low-Level	13.0	24 / 465-620

Along with its innovative, adjustable, effortless steering wheel and integrated ergonomic controls, each truck helps energise its user with a triple-suspension floor, comfortable backrest and plenty of unobstructed space. Easy walk-through access and 'flying start' drive add further time economy, while low power consumption and durable construction reduce operating costs.



(Pictured clockwise from left)
A comfortable operator compartment
and smooth, powerful performance
make driving a pleasure.

The innovative steering wheel
incorporates ergonomically designed
accelerator triggers and other easily
reached controls for precise manoeuvring
with minimal effort.

The driver's steering behaviour and travel
speed are constantly monitored using
smart technology which reacts instantly,
as needs change, to provide the ideal
performance characteristics.



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SPEC SHEET

N012-25N2

PEAK PRODUCTIVITY AT LOWER HEIGHTS

In addition to the N020N2 base model, which is ideal for ground-level picking, the range offers models with:

- Rising forks (F) – raising loads to 850 mm as standard. An optional lift height of 1200 mm is also available. (N012N2F, N012N2FP)
- Rising platform (P) – lifting the operator to a maximum of 1000 mm for picking at heights of up to 2.5 m. (N020N2P, N025N2P, N012N2FP)
- Scissor lift (X) – carrying two Europallets or three roll cages (optionally 4 roll cages on 2850 mm forks) on its scissor-lifting forks. The forks raise the load section to a height of 855 mm for ergonomic order picking with reduced stretching and straining for the operator. (N020N2X, N020N2XP)

Options

- Side-mounted walk-beside controls
- Tilttable seat
- Clear colour display and user interface
- Blue spot warning light
- PIN code access



Cat low-level order pickers come with a choice between lead-acid and fully integrated lithium-ion (Li-ion) batteries.

Li-ion technology:

- **Enhances performance, efficiency and runtime**
- **Allows fast opportunity charging for continuous operation without battery changes**
- **Requires minimal maintenance**
- **Greatly extends battery life**



(Pictured clockwise from far left)

A spacious and unobstructed operator compartment, with non-slip mat, low step height and no tripping hazards, ensures quick walk-through access.

The high-comfort suspended floor acts as a presence detection system, allowing simultaneous step-in and acceleration for a 'flying start'.

The NO20N2X/N2XP range features 2375 mm long forks on a scissor-lifting mechanism that can carry two Europallets or three roll cages at once (optionally 4 roll cages on 2850 mm forks). The range is complemented perfectly by a model with a rising operator platform (NO20N2XP) that lifts to 1000 mm for picking at heights of up to 2.5 m with reduced stretching and straining for the operator.

Rising forks on the F models raise the load section to a height of 850 mm (or 1200 mm as an option), reducing the need for stretching and straining when order picking.

A rising operator platform on the P models avoids the need for climbing.



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SPEC SHEET

NOL10P

EXTRA CHOICE AT 2ND LEVEL

SHARPEN YOUR PERFORMANCE

Scope for improving efficiency and productivity is expanded by the **NOL10P** 2nd-level order picker and its options. Ideal for many warehouse and terminal applications, the 24V, 1.0 tonne capacity truck comes with a 1.2 or 1.8 m rising platform. This gives quick and easy access to pick at up to 2.8 or 3.4 m.

LiftComfort can be specified to raise picking containers for rapid transfer of picked items. Time and effort are also saved by features like the market's lowest step height. Fast and obstacle-free walk-through access is assisted by the whole-floor driver presence sensor, with its cushioned, slip-resistant mat.

Boosting operator output further, the latest user interface places his or her right hand on an anatomically ideal, positionally adjustable control unit. As well as accurately controlling truck functions, it firmly and comfortably supports that hand – leaving the left to operate the midi steering wheel. A *powerRamic* mast, automatic speed reduction and *SecurGate* side gates are amongst the truck's safety aids.

A long and productive life with low operating costs is ensured by robust construction, easy service access and driver-matched settings.

2 NOL10P VARIANTS TO CHOOSE FROM

VARIANT	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	VOLT/Ah
1.2 m platform	1.0	2 nd -level	9.0	24/486-600
1.8 m platform	1.0	2 nd -level	12.0	24/486-600

OPTIONS

- High drive speed (12 km/h)
- *LiftComfort* (standard on 1.8 m platform, optional on 1.2 m)
- Cold store modification (-30°C)
- Overhead guard
- Foldable cushion for sitting/leaning (only with *LiftComfort*)
- Gate interlock for platform heights <1.2 m
- Walk-beside drive buttons on side of truck
- *LiftComfort* lift/lower buttons on side of truck
- Equipment bar
- Writing desk





(Main picture)
The rising platform of the **NOL10P** makes 2nd-level picking safe and easy.

(Inset picture)
In 'walk beside' mode the operator can move quickly between adjacent ground level picking faces.



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SPEC SHEET

NOM10P & NOH12PH

TOP RESULTS IN HIGH RACKING

RAISE YOUR AIMS

To optimise the benefits of narrow aisles and high racking, Cat Lift Trucks offers a medium-level and a high-level order picker. Based on the same rugged, modular, low-maintenance design, they are specified for maximum output and profitability. The heavy duty 48V **NOH12PH** reaches picking locations as high as 12.1 m and has an unequalled 1.25 tonne capacity. Pick height for the 24V **NOM10P** goes up to 9.85 m.

Their advanced, user-friendly interface features a right-hand control unit providing excellent anatomical fit, positional adjustment, grip and support, for comfortable and precise operation. Meanwhile, the left hand stays firmly on the midi steering wheel. From the ergonomically designed cabin, with its optional adjustable lean-on or sit-on cushion, the *powerRamic* mast and transparent front panels give an enhanced view.

Safety aids include a whole-floor driver presence sensor, *SecurGate* side gates and step-out warning system, and automatic reduction of travel speed according to platform height and steered wheel angle.

Operators can quickly change performance modes within their allowed performance range to match various handling situations via the Multifunction Colour Display. A wide range of optional features may be added for adaptation to your specific application.

2 MODELS TO CHOOSE FROM

MODEL	CAPACITY (tonnes)	TYPE	MAX. SPEED (km/h)	VOLT/Ah
NOM10P	1.0	Medium-level	11.0	24/560-775
NOH12PH	1.25	High-level	12.0	48/500-620

OPTIONS

- Rail guidance with horizontal guide rollers
- Wire guidance
- Step-out audible warning
- Gate interlock for platform heights <1.2 m
- Preparation for Personnel Protection System (PPS)
- End-of-aisle slowdown (only with rail or wire guidance)
- Cold store modification (-30°C)
- Drive controls on fork side
- Dual controls on mast and fork side
- Drive stop
- Lift stop
- Foldable cushion for sitting/leaning





(Pictured clockwise from left)
Heavy duty, high-level 48V **NOH12PH**
reaches picking locations up to 12.1 m
and has an unequalled 1.25 tonne
capacity.

Medium-level 24V **NOM10P** enables
pick heights up to 9.85 m.

Advanced, user-friendly interface for
comfortable and precise operation.

Cushioned, high-grip mat covers
whole-floor driver presence sensor.

EASY SERVICE ACCESS



THE ORDER PICKING RANGE HAS BEEN DESIGNED FOR EASY MAINTENANCE AND SERVICING.

All trucks benefit from easily opened panels and covers, 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 either standard battery rollers available on most models or optional exchange systems depending on model type.

Your dealer can advise you on the most efficient method to suit your operation.

Further information on maintenance programmes and other dealer services is outlined in the following pages.

(Pictured from left)
All models feature easy service access and quick battery fluid checking. Rapid battery exchange systems keep work interruptions to a minimum. Full details are available in the individual product specification sheets.



A WEALTH OF DEALER SERVICES

Wherever you are, and however hard your challenges, your local Cat lift truck dealership is there to help. Our dealers' customer support and service teams are dedicated to answering every need. They will work closely in partnership with you and your business to ensure:

- You have the right trucks and equipment for the job
- Your trucks keep on running – at optimum efficiency
- Your operation achieves maximum results

Aftersales service

Our fully equipped service vans will respond quickly to your calls. They carry specialised tools and stocks of genuine parts. Their drivers are well-trained service technicians with the latest technical information and knowledge. You can be sure of highly professional inspection, servicing and repair work.

Maintenance programmes

Carefully scheduled servicing by our factory-trained technicians will minimise downtime and extend truck life. Our individually tailored programmes also help you with accurate budgeting and control over operating costs. We can work out a maintenance plan that's right for you.

Financing options

We offer a wide range of finance plans to suit your cashflow and other circumstances. They include outright purchase, leasing and rental agreements. We can spread the cost of your trucks over their working life in the most tax-efficient way.

Fleet management

We can monitor, control and reduce your materials handling costs. We can then re-engineer your fleet to meet your needs more cost-effectively. Our optional benefits for national or multinational operations include: service contracts; training and safety programmes; fleet audits; application surveys; centralised billing; cost analysis and reporting.

Parts supply

Parts availability is crucial to maintaining productivity. Our 'full line, first pick' rate is the best in the industry. It currently stands at 97%. For current models it's even higher.

Dependable support

You can depend on our dealerships. They, in turn, can depend on the support, expertise and resources of our global organisation. Together we'll do whatever it takes to make your business stronger.

For more information about Cat order pickers, 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.™



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VIDEOS**



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www.catlifttruck.com

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