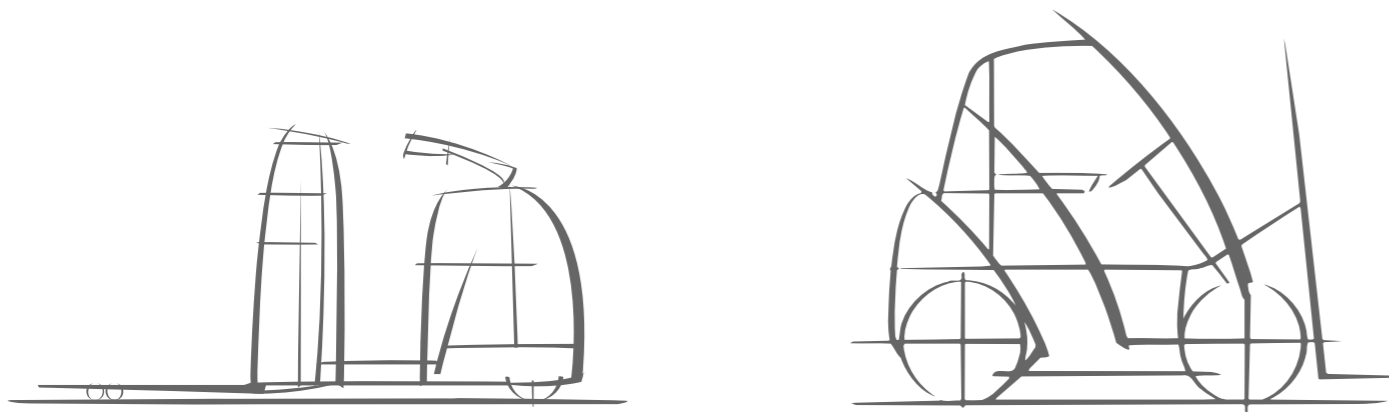


PPL/PPD, PPF/PPC, OPM, OPH/OPC/OPS

NISSAN
FORKLIFT

ORDER PICKERS



NISSAN FORKLIFT EUROPE B.V.

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NISSAN
FORKLIFT



Lifting you hig her

ORDER PICKERS

Since it began production of forklifts more than half a century ago, Nissan has developed and produced comprehensive ranges of high performing and innovative materials handling equipment for markets throughout the world. Today, as part of the Renault-Nissan automotive alliance, the company benefits from advantages that keep it at the forefront of forklift design - from leading engine and electric technology, to operator safety, comfort and productivity. In turn, Nissan Forklift users also benefit from numerous other concepts which have made Nissan a true global brand - not least, quality, value and customer support.

Strategically located production facilities

Nissan Forklift's production facilities are strategically located in Europe, Japan and the USA, providing the greatest flexibility in responding to the demands of different markets. The European production facility for forklifts is situated in Pamplona, Spain, with high quality output confirmed through ISO 9001: 2000 certification ISO 14001, and 1996 certification for Environmental Management Systems. Production of Nissan's warehouse range is in Gothenburg, Sweden, where the facility also has ISO 9001: 2000 and 14001: 1996 certification.

Future vision

Nissan Forklift product designs are the result of extensive research – basic performance, durability, safety, operational ease, environmental information and the valuable feedback from a wide customer base. This painstaking attention to detail leads to materials handling equipment of the highest technical standard and quality possible.

Engine technology

For example, has been developed with both economical performance and concern for the environment as major considerations. All Nissan Forklift LPG engines are equipped as standard with Nissan's unique closed loop three-way catalyst to reduce emissions by up to 98% and an engine management system to provide maximum fuel economy. Nissan diesel engines are also ultra-clean and ultra fuel efficient.

Full range concept

As one the world's leading manufacturers, Nissan Forklift offers a full range for the vast majority of industry's materials handling requirements. This includes LPG and diesel forklifts from 1.5 – 7.0 tonnes capacity and three and four-wheel electric models from 1.25 to 3.0 tonnes. They are complemented by an extensive warehouse product range of:

- Reach trucks
- Order pickers
- Pallet transporters
- Pallet stackers

It's a range that enables you to tailor the optimum solution totally to the needs of your logistics operation.

Worldwide network

Nissan Forklift products are supplied through a network of more than 800 dedicated outlets covering 75 countries worldwide. A competent, experienced salesforce is available to recommend the ideal balance of equipment and the best way to acquire it - from direct sales to short-term hire or long-term rental.

Support 24/7

Nissan Forklift understands that customers need their materials handling equipment to keep on running, especially in high-demand operations. Our expert-trained and well motivated service network is rapidly available to provide assistance 24 hours a day, seven days a week. Nissan Forklift will also advise and support fleet customers in creating maintenance schedules, effective repair procedures and emergency parts stock to maximize productivity. Specialist training can also be provided for customer service engineers and forklift operators.

Nissan Forklift trucks' operational reliability is also enhanced by the ready availability and efficient supply of parts. Extensive stock within the local network is supported with further availability at pan-European level, with centres in the Netherlands, Spain and UK shipping overnight for delivery to the Nissan Forklift dealer network or direct to the customer's premises.



Modular design

In line with Nissan's modular design philosophy the PP series offers a wide choice of options from which users can specify a truck precisely matching their own operational requirements. Low or high-lift forks can be combined fixed or rising platforms.



Ergo steering

An optional motor bike-type steering handle keeps operator movement to the minimum, with all truck features controlled from a single unit.

The operator can also control the truck while walking beside it.



Stable

Friction force technology gives up to 35 per cent greater drive wheel pressure on the floor, providing added stability, safety, performance and uptime.

IMPROVED STABILITY

TRACTION

SERVICEABILITY

REDUCED TYRE WEAR



PPL/PPD

A highly efficient range of compact low-level order pickers offering maximum performance through fast acceleration, high top speeds and gentle braking.

The ergonomic tiller arm, with optional power steering, provides sure, safe control, with AC power for smooth and reliable operation.

Friction force technology puts optimum pressure on the truck's drive wheel for best floor stability, with an on-board computer for load control and diagnostics to assist with greatest uptime.

Both models have low-lift forks. The PPL has a fixed low platform while the PPD has a rising platform.

Comfortable

The spacious cabin (790 mm X 449 mm) is specially designed for easy access and continuous operation. A low step, wide platform and floating floor all contribute to operator comfort and more productive operation. The entire floor also acts as a safety switch.



Ideal first and second level picking

Easy

Easy access and a comfortable, adjustable workspace all contribute to maximum truck and operator productivity.



Safe and productive

The truck can be operated safely at low speed from the aisle for short distance travel between picking points. Low ground clearance minimises the risk of foot injuries and the AC motor provides efficient and smooth braking.



Longer

Just one of the many options available from Nissan is longer forks for double pallet handling or unusual loads. Two pallets up to 2375 mm or two or three containers can be handled at a time.



PPF/PPC

An ideal solution for picking requirements at first and second level, Nissan's PPF and PPC order pickers feature fast lift-and-lower operator platforms for optimum productivity.

A powerful 2.2 kW AC motor offers smooth and steady operation, with rapid acceleration, fast lift and lowering speeds and high travel speeds (up to 12 km/h). With friction force technology, the drive wheel always places maximum pressure on the floor surface for greatest stability, while fork and platform heights are quickly adjustable to provide the best working position.

The unique optional Nissan - Stability Support System - provides additional support by automatically reducing the truck's speed when the forks are raised or during tight turns, minimising the risk of overturning and providing a smoother and more efficient operation.

The truck's computer system includes PIN code access to prevent unauthorised use, with parameters that are adjustable according to operator experience or the load to be transported. On-board diagnostics with rapid fault finding help to maximise uptime.

Robust

Robust design, rugged build and sophisticated technology ensure maximum uptime, with only minimum servicing required every 500 hours.

500 HOURS

Comfortable working

The operator's compartment is unobstructed and spacious, with cushion floor and optional controls on two sides for maximum productivity. Access is easy, with a low step height of only 255 mm.



Easy picking

With Ergolift, forks can be raised and lowered by up to 785 mm to the most suitable level for picking. Specially designed platforms are also available to match specific order picking requirements.



Maximum uptime

Access to the truck's major components is easy, so service is quick and simple. The electrical /steering system can be pulled out conveniently for rapid practical servicing. Daily battery checks are made through a flip-top panel, while the battery itself is on rollers for rapid changeover. The virtually brushless DC motor of the Maximum Performance System (MPS) provides optimum performance in all conditions.



The definitive choice

OPM



State-of-the-art ergonomics and highly efficient lift/drive performance make Nissan's OPM the definitive choice for order picking requirements to heights of 4.5 metres.

With operator safety and confidence a top priority, the OPM offers exceptional stability and high productivity at all levels.

The cab is spacious and secure, with a low step and cushioned floor for total operator comfort. Control positions have been carefully planned for ease of operation, with a variable lift to ensure that the load is always in the best position for picking.

In operation, the OPM will travel in narrow aisles at full speed with a full load to maximum lift height, with rapid acceleration, high diagonal speed and automatic braking.

On-board diagnostics, minimal brush wear and automatic motor braking to minimise brake wear all contribute to maximum uptime, with easy maintenance and quick access to components for rapid servicing.

Precise control

Control can be transferred easily between mast and fork sides for fast, accurate positioning of both the truck and load. Use the OPM in open warehousing or guided aisles.



Multi-level picking

OPH/OPC/OPS

Choice

Modular design provides the right order picker for the job, each with Freeview mast and unrestricted visibility from the cab for safe, productive operation. There are a number of models for various applications:

- OPH for picking up to 7.1 metres
- OPC for picking up to 8.1 metres
- OPS for picking up to 9.1 metres



Fingertip control

Precise, fingertip servo-assisted steering, with forward / reverse action in one control, together with smooth, stepless braking, for safe and comfortable operation.



Fast operation

Rapid lifting and lowering while travelling between picking positions at different levels contribute to truck and operator productivity.



Nissan's range of high and multi-level order pickers extends to lift height of nearly 10 metres. Mast and chassis design together with a wide wheelbase offers exceptional stability and safety for operating at these extreme picking heights.

Modular construction and a massive range of options enables each truck to be tailored precisely to the materials handling requirement of the operation.

Operator confidence is guaranteed at every level. The cab has a low step and cushioned floor for total comfort, while controls are easily accessible to assist productivity. A unique performance system based on robust design and construction adds to the trucks' output, providing full speed lift and full load to full height.

Uptime is further enhanced through the trucks' service-friendly design. Easy access to wearing parts and components reduces maintenance to a minimum.

Versatility

Nissan high level order pickers can be used in open warehousing, with the added benefit of high diagonal speed, or in rail or wire guided narrow aisle applications.

