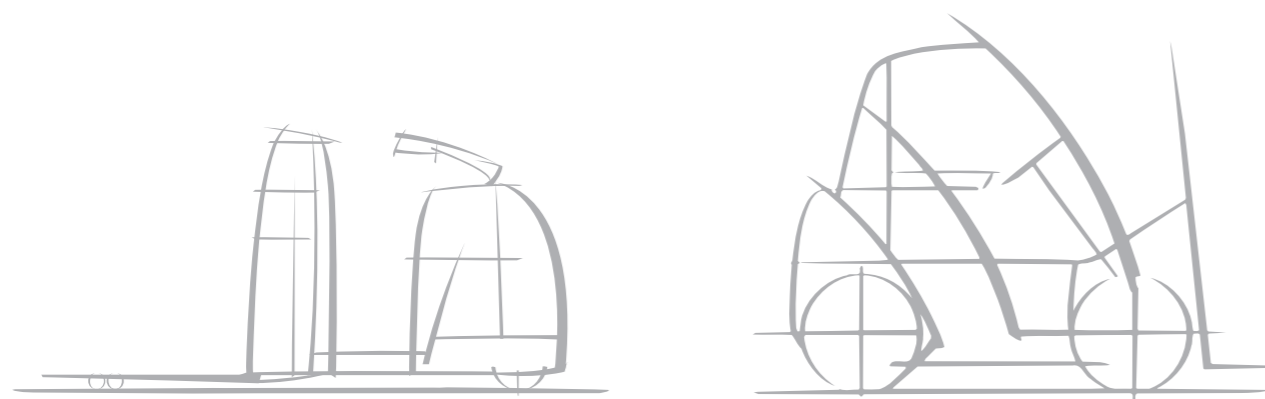


PSL/PSD, PS, PSH, TS, AJN/ASN & XJN/XSN

NISSAN
FORKLIFT

PALLET STACKERS



NISSAN FORKLIFT EUROPE B.V.

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NISSAN
FORKLIFT



Lifting you high her

PALLET STACKERS

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 1.0 – 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.



Compact stacking for medium heights

PSL/PSD

Nissan's PSL and PSD compact pedestrian stackers are highly versatile, providing low cost solutions for medium height stacking applications, short, medium and long distance travel, unloading and occasional order picking. PSL for single pallets and PSD for double pallet handling.

The modern design of these models includes specially rounded edges to safeguard personnel, prevent damage to products and allow for easy cleaning.

Robust construction includes metal sides to help absorb knocks, while a modular format enables components to be shared across the range for economy and rapid availability.

Truck widths and lengths are small for ease of use in restricted areas, while the four-wheel design makes for excellent stability and high residual capacities.

The tiller arm is offset, enabling the operator to walk safely next to the truck with the tiller in his right hand, with all controls for lifting and lowering close to hand in the tiller head. Intelligent electronics add to truck control and diagnostics, while the low chassis allows the operator the best view of the forks at all times.

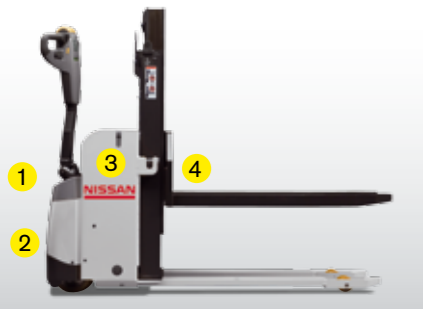
Smooth

AC technology means smooth operation and high truck availability, with long running times, long intervals between service and no brushes to wear out.



Flexible and safe

With its patented four-point system, flexible connections between the offset drive motor and chassis and an additional supporting wheel aid stability and enhance traction - especially on uneven surfaces.



Controllable

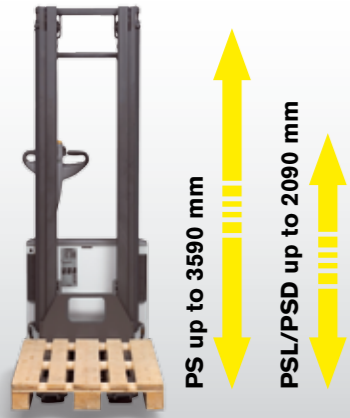
Tiller-type steering with all functions falling easily to hand put the operator firmly in control. Truck and mast functions, keypad for individual settings and "bounce-back" truck-stop safety feature in one compact unit.



For wide varieties of applications

Versatile

Mast heights to 3590 mm, with choice of telescopic or duplex with free lift, plus standard fork lengths of 1000 mm or 1200 mm.



Controllable

The tiller arm is offset, enabling the operator to walk safely next to the truck with the tiller in his right hand, and with all controls for lifting and lowering close to hand in the tiller head. The low chassis allows the operator the best view of the forks at all times.



Compact

The PS is an extremely stable pedestrian pallet stacker with high load capacity. Small dimensions and high levels of manoeuvrability make it the ideal choice for operating in restricted spaces.



PS

An ideal choice for applications requiring medium height pallet stacking (to 3.5 metres), occasional order picking and short, medium and long distance travel.

Just 800 mm wide and 1898 mm long with forklift length of 1200 mm, the Nissan PS pedestrian pallet stacker is stable to lift heavy loads but highly manoeuvrable to work in confined spaces.

Its modern design includes specially rounded edges to prevent damage to personnel and products and allows for easy cleaning.

Robust construction includes metal sides to help absorb knocks, while a modular format enables components to be shared across the range for economy and rapid availability.

The four-wheel design of the PS makes for excellent stability and high residual capacities.

Intelligent electronics add to truck control and diagnostics, while the low chassis allows the operator the best view of the forks at all times.

Reliable

AC-powered for maximum reliability and performance, the PS is designed to offer easy access to components for low maintenance and greatest up-time.



Safer

Because the tiller arm is placed on the right hand side of the chassis, a safe distance is created between the operator's feet and the truck. It also provides better control and an improved view over the load when walking in front. Drive speed is reduced automatically at high lift heights to ensure safer handling - especially of potentially unstable loads.



More powerful

Lift capacity up to 2.0 tonnes is matched by rapid lift speeds for maximum truck and operator productivity, all controllable according to experience and the load to be transported.

2000
KILOGRAMS

Double productivity

The optional straddle lift allows the truck to transport two pallets simultaneously - one on the straddles and one on the forks. As a result operation is made more efficient and utilisation increased.



PSH

Nissan's heavyweight pedestrian pallet stacker, with an impressive lift capacity up to 2.0 tonnes. Wide range of handling applications including loading and unloading, internal pallet transfer, stacking and occasional order picking.

Robust and powerful, the Nissan PSH is still highly manoeuvrable. Just 895 mm wide, its remarkably small turning radius makes it an ideal choice for locations where loads can be heavy yet space can still be restricted.

The specially rounded edges prevent damage to personnel and products, while the low chassis design allows the operator the best view of the forks at all times. Its four-wheel design makes for excellent stability and high residual capacities.

Solid construction includes metal sides to help absorb knocks, while a modular format enables components to be shared across the range for economy and rapid availability. The PSH's intelligent electronics add to truck control and diagnostics. The battery is on rollers for fast changeover.

More controllable

The ergonomic tiller arm, with all controls close at hand, makes the PSH easy to handle, while AC power adds to control, performance and reliability.



Choice

The Nissan TS is available in either ride-on or basic pedestrian mode. Where a pedestrian version is chosen, the ergonomic tiller arm is especially long to offer maximum safe truck operation, particularly when walking alongside.



Safety

The truck's castor wheels are located within the contours of the machine and its chassis almost meets the floor, bringing the risk of trapped feet to a minimum. The operator platform and side protection bars on ride-on versions unfold quickly and easily for full speed.



Control

The ergonomic tiller-type steering arm, with all controls close at hand, makes the TS easy to handle and puts the operator firmly in control. The keypad for individual truck drive settings and "bounce-back" truck-stop safety features are all housed in one compact unit.



TS

Ideal for medium height stacking applications (to 4.8 metres), short, medium and long distance travel, and for occasional order picking.

Nissan's TS is a top-of-the-range pedestrian stacker with ride-on option and a lift capacity to 1.5 tonnes. Well suited to heavy duty operations where driver comfort is paramount, the TS is a robust truck based on Nissan's heavy duty power pallet chassis.

Steering is through an ergonomic tiller arm incorporating multifunctional controls, while all wheels are within the contour of the truck for maximum operator safety. High quality components mean top levels of performance, with class-leading lift and travel speeds easily adjustable to suit conditions.

Telescopic, free lift and free view masts all offer maximum visibility of the load.

Protection

An overhead guard protects the operator, while products are protected by a load guard and specially shaped fork tips to allow easy pallet entry. Straddle legs afford greater stability and allow double pallet handling.



Safe and sure

The operator works in a secure, protected environment, with body and arm support, instrument panel and midi-type steering wheel all adjustable for maximum individual comfort. Controls are located close together for fast, single handed operation.



Fast and accurate

Lift speeds as high as 300 mm/sec and lift heights to 6.3 metres are matched by stable operation as standard and options such as side stabilisers, side castor wheels and straddle lifts for even greater load security.



Less fatigue

The low step permits frequent on-off movements to be made with the least operator fatigue.



AJN/ASN

Nissan's stand-on rider-stacker is the ideal all round truck for loading and unloading from ground level, internal transfer, stacking and order picking combined with stacking.

With the fastest travel, lift and lowering speed, excellent stability and highly compact, Nissan stand-on stackers are extremely space efficient and able to work in very small stacking aisles as the operator is housed within the truck. They also provide the operator with better performance and a safer working environment.

Large battery capacity enables these powerful vehicles to work easily through a shift, with ergonomically designed controls for maximum operator comfort and specially shaped narrow forks for precise and rapid pallet entry.

Reach out

Telescopic forks add a further dimension to the AJN/ASN's versatility. They allow double-deep handling to reduce aisle widths even further, or even loading and unloading transport from just one side.



High ly comfortable sit-on stacker

Faster travel

Fast travel speeds and high battery capacity meet the demand for a productive stacker to operate throughout long work cycles.



10 km/h

Total versatility

Modular design for a stacker tailored precisely to the requirements of the application. Clear view telescopic and double telescopic masts, telescopic forks and special profile fork tips for ease of operation.



Comfort and control

Instrument panel and midi-type steering wheel are adjustable for maximum individual comfort and minimum fatigue, with controls located close together for fast, single handed operation. Keypad operation prevents unauthorised access, with settings programmable according to operator experience or the task in hand.



XJN/XSN

A range of sit-on rider-stacker trucks ideal for longer distance travel, loading and unloading from ground level, internal transfer and stacking up to 6.3 metres (1600 kg model).

These models are fast, stable and highly compact. As the operator is housed within the truck, they are also extremely space efficient and able to work in extremely limited stacking aisles.

Large battery capacity enables these powerful vehicles to work easily through a shift, with ergonomically designed controls for maximum operator comfort and specially shaped narrow forks for precise and rapid pallet entry.

The AC motor offers powerful acceleration with almost 100 per cent top speed capability when travelling fully laden. Operation is silent, with regenerative braking adding to the truck's uptime.

Stability guaranteed

Contact with the ground is constantly on four points for optimum stability. Side stabilisers offer even greater load security at high lift heights.

