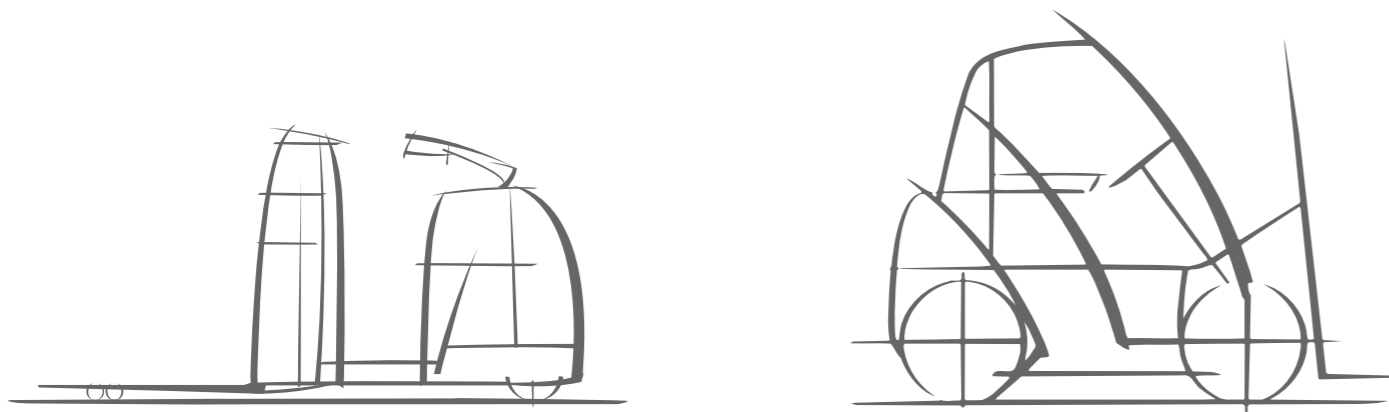


UNS/UHS, USS, UFS & URF

NISSAN
FORKLIFT

REACH TRUCKS



NISSAN FORKLIFT EUROPE B.V.

<http://www.Nissan-nfe.com> CEN-RT-NFE/05-08-5000 Printed in the Netherlands

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NISSAN
FORKLIFT



Lifting you high her

REACH TRUCKS

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.



Extremely versatile

Well balanced

For maximum stability, forks are kept within the chassis when transporting the load. Mast and forks are then extended when stacking to enable precise positioning in a narrow aisle. A wide variety of masts and forks is available to provide the ideal handling solution.



Power and control

AC power guarantees instant response to the operator's slightest command, with longer battery life and no brushes to wear out. The truck can be programmed to suit the different operating style of each user up to a maximum of 350 profiles.



Total comfort

The operator's ergonomically designed seat tilts back to its optimum position through body weight for an optimum view of the load at all levels, while the "floating" arm rest is fully adjustable for height and angle.



UNS/UHS

Highly manoeuvrable and extremely versatile, Nissan reach trucks are capable of performing the widest range of materials handling functions in the warehouse. Their modern and attractive design, with outstanding ergonomics and safety, make work a pleasure.

They are ideal for precise pallet positioning in narrow aisles at high or low levels, working with long loads and at heights to 10.8 metres. The UNS boasts the fastest acceleration in the market - from 0-10 km/h in just 2.5 seconds and safely on to a top speed of 14 km/h.

For additional safety, the Nissan S3 Stability Support System automatically reduces speed on tight turns. It prevents the truck from tipping over and provides the operator with a smoother, energy saving ride.

Used mainly for internal work and especially suitable for intensive operations, it is also capable of loading and unloading from ground level on hard surfaces outside. Low maintenance costs and high availability provide the optimum productivity you're looking for.

Double deep storage

Telescopic forks allow for double deep storage of pallets. This type of storage offers up to 25% savings in space compared to conventional storage systems. It is ideally suited for fast moving stock.



Narrow choice

Narrow design is combined cleverly with a spacious, comfortable operator's compartment to make the USS the ideal choice for drive-in racking applications.



Cold store

Based on 45 years' cold store experience, the Nissan USS can be customised specifically to perform in temperatures as low as -35 °C. Standard engineering modifications can be complemented by options that include heated, well insulated cabs for comfortable, through-shift working.



Maximum comfort

Ample cabin space, the servo-assisted mini steering wheel, fully adjustable "floating" arm rest and compact control panel all help to reduce fatigue and increase productivity.



USS

The Nissan USS is specifically designed to operate in areas where a particularly narrow reach truck is required - especially in drive-in or drive-through racking.

AC power and technology offer instant response, with separate controllers for traction and hydraulics to ensure optimum performance. From 0-10 km/h in just 2.5 seconds, it offers the highest acceleration in the market, with high top speed of 14 km/h and lift speeds of 0.7 m/s.

The energy produced during braking operations is channeled into the battery for greater up-time and productivity.

Totally programmable for maximum productivity, the USS features a tilting, clear view mast and servo-assisted mini steering wheel for minimum operator fatigue.

As handling speeds and conditions change continuously, Nissan's Stability Support System offers maximum safety for both the operator and load.

Two in one

Designed specially for block stacking but perfect for standard stacking and pallet handling operations, the USS is like two trucks in one.

2 in 1

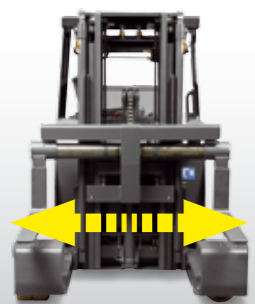
Four-way flexibility

With its rear wheel turning through 360°, the Nissan UFS can travel in any direction with pinpoint accuracy.



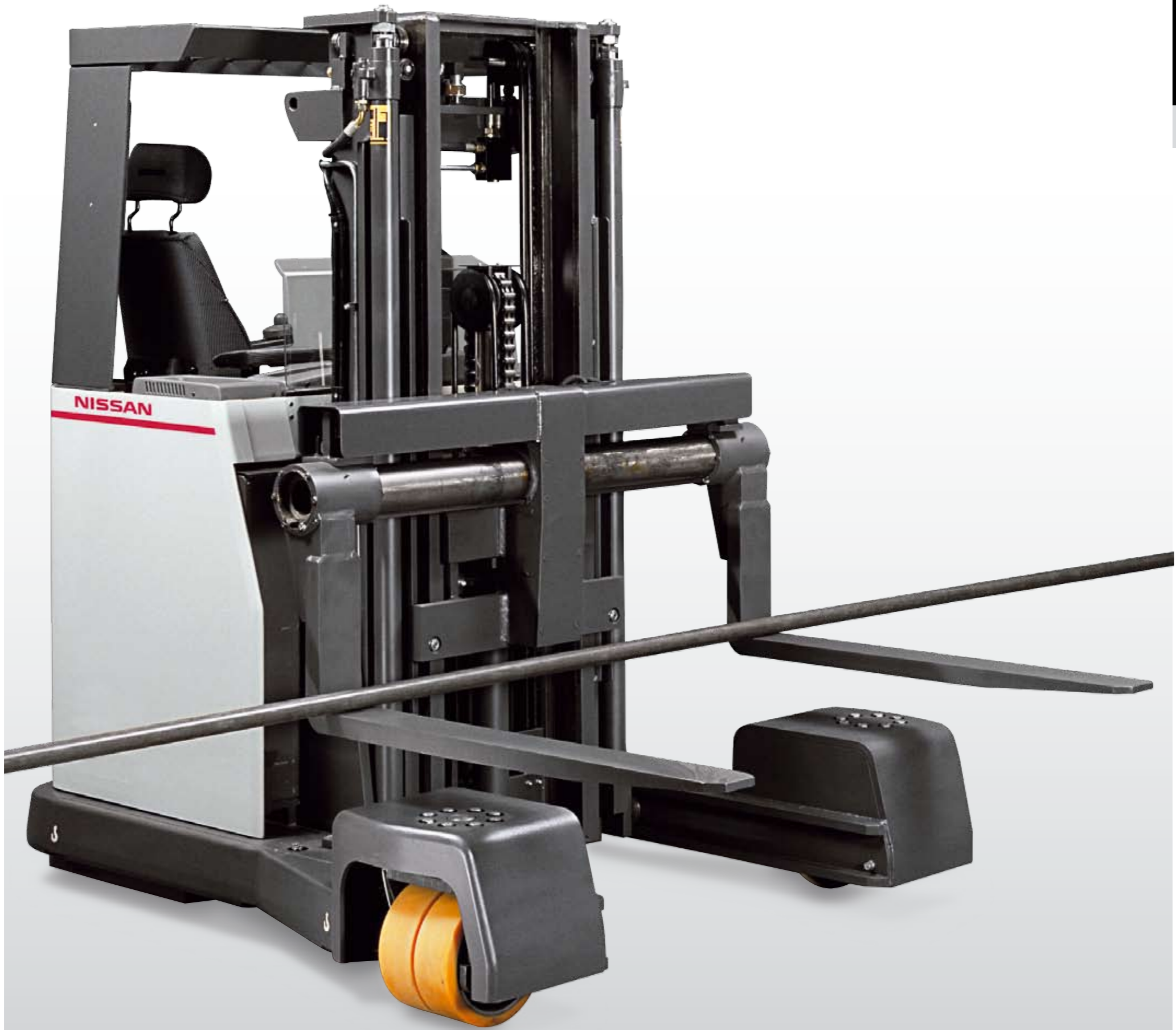
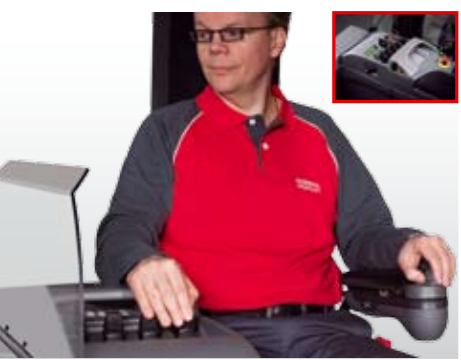
Wide loads in narrow aisles

UFS can transport wide loads through narrow aisles with ease. An optional hydraulic fork spreader (maximum opening from 1550 mm to 2220 mm) is available to provide even greater load stability.



Complete comfort

A fully adjustable tilting seat with excellent visibility through the mast and overhead guard put the operator in control and in complete comfort. Keypad functions include access for authorised operatives, parameter settings according to load or operator experience, and an emergency cut-out.



UFS

Four-way action allows the Nissan UFS reach truck to be operated in any direction with absolute precision. Typical use includes loading and unloading from ground level, internal transfer, and the stacking of normal, wide or long loads up to 9700 mm.

The UFS can handle wide and long loads up to 2.5 tonnes in narrow aisles, allowing maximum utilisation of storage space, and will handle all types of pallet, including closed. An extending mast adds to its space efficiency.

As with all Nissan reach trucks, maintenance costs are low, with components easily accessible and standard across the range.

CAN Bus technology is used in the truck's Built In Test Equipment (BITE) to provide performance monitoring and self-diagnosis. Accurate fault information provides on the truck's LCD screen contributes to improved maintenance and repair times, leading to lower costs and greater up-time.

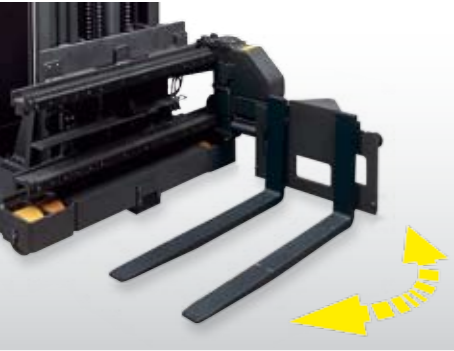
Precision positioning

Forks are retracted for greater stability during transfer and extended to position the load carefully into racking. The tilting mast is a further aid to accuracy.



Swivel reach

Turning through 180°, the URF's rotating forks can be used to great effect for goods handling on both the warehouse floor and in the aisle.



Very narrow aisle

The URF is suitable for operations in aisles which are only 300 mm wider than the transported load. For added safety, the Autostop stops the truck automatically at the end of the aisles.



Precision guidance

Data terminals and ancillary equipment are easily incorporated. Video-view allows the operator to see the load at every stage of the handling procedure, while remaining in the "man down" position for easy truck access.



URF

The Nissan URF is a highly sophisticated very narrow aisle truck with swivel-reach. Its forks rotate horizontally through 180° to allow stacking on either side of the aisle, and to the front.

The truck can be used in free-ranging operations around the warehouse or with wire guided operation in aisles as narrow as 1.5 metres. This allows for optimum utilisation of the warehouse space and is a faster, simpler solution than man-up operations.

Power steering with mini steering wheel, "floating" arm rest, fully adjustable tilting seat and fingertip controls all contribute to safe, comfortable and productive operation.

Fast operation

Horizontal guide rollers assist the URF with precision travel, while other options include vertical rollers for U channels and guide-by-wire technology for very narrow aisles.

