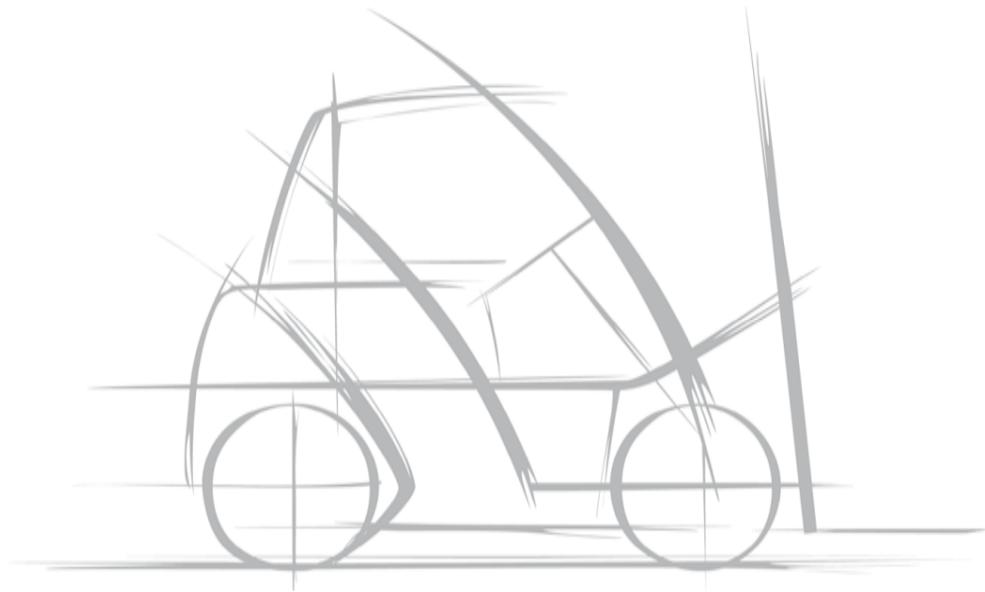


**MAIN SPECIFICATIONS**

Model		QX2-20	QX2-25	QX2-25	QX2-30
Load capacity	kg	2000	2500	2500	3000
Load centre	mm	500	500	500	500
Wheelbase	mm	1515	1515	1660	1660
Overall width	mm	1180	1180	1180	1250
Turning radius	mm	1990	1990	2140	2140
Overhead guard height	mm	2235	2235	2235	2235

Model		QX2-20	QX2-25	QX2-25	QX2-30
Battery capacity (std)	V/Ah	80/480*	80/480*	80/600*	80/600*
Electric motor (driving)	kW	9.9	9.9	9.9	9.9
Electric motor (lifting)	kW	14.2	14.2	14.2	14.2

\* Larger battery capacities on request



NISSAN FORKLIFT EUROPE B.V.

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**NISSAN**  
FORKLIFT



**NISSAN**  
FORKLIFT

**QX2**  
Series

2.0 – 3.0 Tonne





# Lifting you higher

# OX2

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 of 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 sales force 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.



# QX2

**CLEAR-VISION Cabin**

The wide, glass doors and panoramic front wind-screen offer unparalleled all-round visibility, for excellent comfort and protection. The wide opening door allows easy access to the battery compartment.



**Adjustable steering**

The small diameter steering wheel can be easily adjusted fore, aft, up and down into an ideal working position for each driver.



**Car-style levers**

Small, automotive-style control levers provide a more comfortable fluid motion for turn indicators and direction change, allowing the operator to focus on the job.



Once inside the QX2 Series, it is obvious that the drivers compartment has been designed to provide the operator with a comfortable stress-free environment. With its standard right hand, battery cover mounted hydraulic controls, a clearly positioned display and spacious foot, leg and head room, operators will find plenty reasons to love the QX2 Series.

Increased comfort levels can be achieved with the optional high comfort seat. Its standard high overhead guard (2.24 m) gives drivers greater headroom especially when safety headgear is required. For more confined, height restricted areas of your operation, an optional low overhead guard design (2.13 m) is also available.

The two types of accumulators built into the optional Smooth-run system reduce strong road shocks, making both load handling and travel smoother. Driving has been made even easier by the use of automatic deceleration which takes place when opposite travel direction is engaged or when the accelerator pedal is released.

**Fingertip control levers**

An adjustable armrest with optional electro-hydraulic FINGERTIP control levers, simplifies the direction, horn and lift operators with just a small, precise movement of the finger. The enhanced ergonomics will further increase operator efficiency.



# QX2

## PIN-code Access

The standard a 4-digit PIN access system eliminates unauthorised truck usage. The PIN system can also be combined with pre-set performance profiles in line with operator skills or company's own safety regulations.



## Personal Settings

Besides individual adjustment of various performance settings, it is also possible to pre-set up to 5 complete performance profiles to tailor the truck to meet the needs of individual operators and/or applications.



## Diagnostics Menu

The on-board Built-In-Test-Equipment is a diagnostics system which has integrated self check and dialogue-type functions. This allows for easy troubleshooting and less maintenance down-time.



At the heart of the QX2 Series' is Nissan's state-of-the-art AC TECH controller which combines low energy consumption with high truck performance to make the QX2 Series go on working while other trucks are back in the charging bay.

The multi-function LCD display provides a wealth of information at a glance for quick operational status and maintenance activities.

Three preset performance settings can be easily selected to adapt the truck to optimal productivity. Five function keys can be used to adjust the truck's performance, more precisely, to ensure the safest parameters are selected according to the application and operators experience.

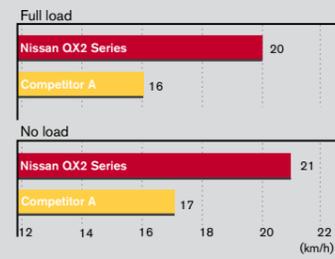
Hydraulic powered steering consumes energy only on demand. Depending on the steering input, the AC TECH continuously determines exactly the required amount of energy. This reduces battery consumption and enhances truck productivity.

The AC TECH controller includes a Built-In-Test-Equipment (BITE) module. Through the meter panel, the service engineer can automatically perform fault diagnostics functions. Additionally, malfunctions are stored in the controller's memory. This permits the rapid location of any problem, resulting in increasing the QX2 Series' potential for uptime.



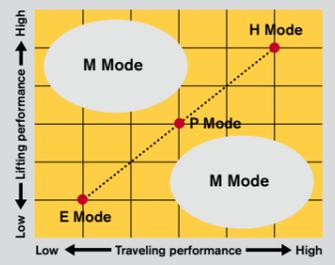
## High travelling speed

Thanks to the AC TECH controller system and efficient motor, the QX2 Series' high traveling speed increases productivity.



## 3+1 Performance modes

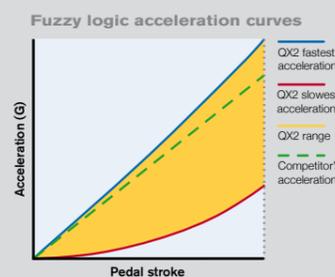
Choose from among three pre-set performance modes, or use the manual mode to customize your own traveling and lifting settings to suit different requirements.



<b>E Economy</b>	More operating hours
<b>P Performance</b>	Normal, mid range setting
<b>H High Performance</b>	Maximum performance
<b>M Manual</b>	Customised setting

## Fuzzy Logic Acceleration

With this unique Nissan feature, the speed with which the operator depresses the pedal determines the QX2's acceleration rate, resulting in very precise handling.



# QX2

Increasing productivity does not mean safety should take a back seat. The QX2 Series offers several standard features in its RRS (Risk Reduction System) to help provide operational boundaries for your drivers:

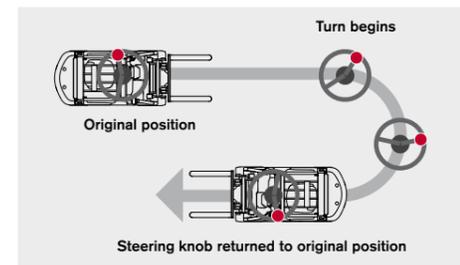
- Excellent all round visibility
- Mast Lock System
- Rollback Control
- Inhibitor Control
- Parking brake
- Operator Warnings

Standard on all models, the Mast Lock system automatically locks all lifting and tilting functions when the operator exits the truck. An audible alarm will sound and visual warning will be shown on the display.

The QX2 also has a controlled Rollback device, ensuring the truck will only reverse slowly at a constant speed if the accelerator is released whilst on a gradient.

## Steering Synchroniser option

For safer operation and greater productivity, a sensor checks the steering and tyre angle to enable the steering wheel to be returned precisely to the correct position for straight-line steering.



# QX2

## Five Regenerative modes

Advanced regenerative technologies reclaim energy efficiently from a variety of operations, contributing to lower energy consumption and longer operating hours per battery charge.

- 1 Switchback regeneration
- 2 Footbrake regeneration
- 3 Accelerator-off regeneration
- 4 Rollback Control regeneration
- 5 Lift/stop regeneration

## High lifting speeds

The high capacity AC motor gives the QX2 Series high lifting speeds, enhancing productivity and helping to get more work done faster.



## OPTIVIEW Mast

The optional Nissan 3 Stage OPTIVIEW mast has been engineered to remove the traditional centrally mounted free lift cylinder. This greatly improves forward visibility through the mast.



The Nissan QX2 Series has been designed and built to provide superior performance, whether the work requires rapid travel and lift speeds or slow speeds and precise control. Whatever it is that you need to handle, the AC TECH controller, regenerative braking systems, on demand power steering and Auto-Power Off function all ensure that the QX2 is one of the most productive and efficient forklifts in its class.

Add easy maintenance to the concept and the result is lowered cost of ownership throughout the life of the forklift. Combined with its on-board diagnostics and Nissan's well known, reliable design, the QX2 offers a variety of ways to keep your operational expenses down.

## Tilt Levelling (option)

Productivity can be further improved at the simple touch of a button on the FINGERTIP controls. This function brings the forks completely horizontal, enabling the operator to quickly and easily position the forks.

