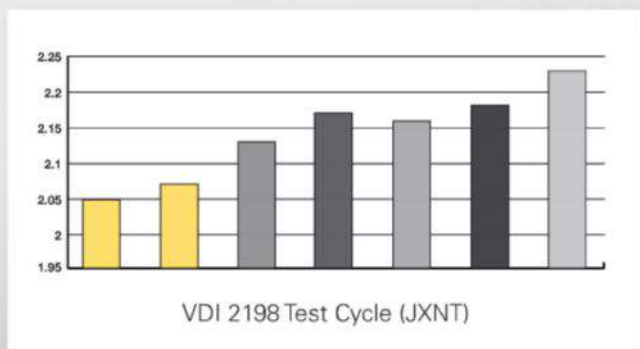




Lowest Energy Consumption

- According to the VDI 2198 standard test, the JXNT range provides the lowest energy consumption in the market
- Similar tests with the J2.2-3.5XN Advance model illustrated that when programmed with the eLo setting the truck use 20% less energy than the competitor average and with the HiP setting it uses 16% less energy.



Truck Operators are Key to e-Balance

- Innovative, class leading ergonomic features create harmony between the operator and the truck (see pages 14-15)
- Truck settings customized to operator preference or ability allow them to handle the truck most effectively

System Efficiency Influences e-Balance

- Drive train efficiency and intelligent control of current to motors are just some examples of system efficiency that lead to improved efficiency and e-Balance.



THROW SOME LIGHT ON LOW COST OF OWNERSHIP

The cost of running your materials handling fleet is an important factor in the profitability of your business. Throw some light on the life-time costs of your Hyster electric fleet and see the difference it can make.

Hyster Electric trucks contribute to low cost of ownership by delivering extraordinary dependability, driver productivity, low energy consumption, low maintenance costs and serviceability.

Operator Costs

Operator costs alone can account for around 80% of the total cost of owning and running an electric lift truck. So an increase in driver productivity, plus a reduction in overall running costs of the fleet can make a significant difference to your business.

The latest ergonomic innovations make your drivers more comfortable and productive and reduce cycle times.

Dependability

Dependable transmissions with limited servicing requirements and reliable hydraulics and electronic systems ensure maximum uptime and reduced operating costs.





Energy Management

- A wide range of models and configurations from 1.5 to 5.5 tonnes allows you to match the truck to your application.
- E-Balance delivers the optimum truck performance and throughput for your operation at the lowest cost.
- The lowest energy consumption of any trucks in their class.
- Side extraction battery removal means improved energy management.

Low Maintenance

- Long term reliability means lower maintenance costs and 1000 hour service intervals.
- High quality, more durable parts, including brushless, enclosed AC traction motors save time and money.

Day or night, your trucks run for longer, keeping your running costs down and delivering faster throughput to light up your bottom line.





GET MORE DRIVER PRODUCTIVITY

Hyster electric forklifts are alive with ground breaking ergonomic features that deliver maximum operator comfort and control.

The result is high driver confidence that inspires increased energy efficiency and class-leading productivity.



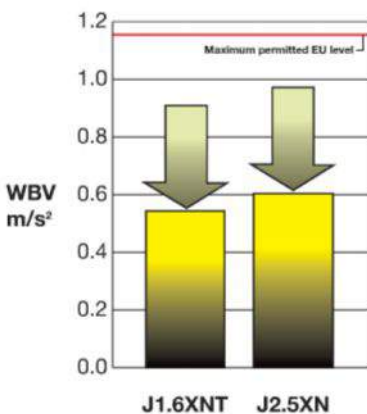
KEY FEATURES:

01 Driver Comfort

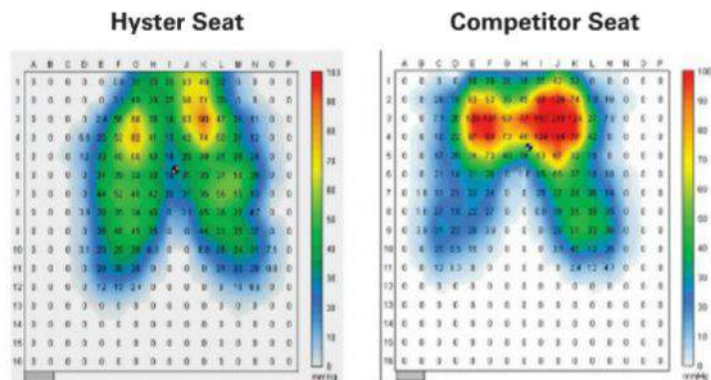
- Fully adjustable, full suspension seat for superior comfort.
- Suspension setting is easily adjustable with clear view weight indicator.
- Dual armrest with built-in minilever module, or alternative seat side manual levers.
- Generous foot space and pedal arrangement.
- Optional swivel seat (12° to the right and 5° to the left) ensures comfortable driving posture when travelling in reverse.

02 Extensive testing (EN 13059 test) has demonstrated how the seat reduces whole body vibration levels (WBV). The J1.6XNT recorded a WBV of 0.55 m/s² and the J2.5XN a WBV of 0.6 m/s², both 100% less than EU permitted maximum. The reduction in WBV significantly reduces operator fatigue and optimises productivity.

03 Graph shows the results of a pressure mapping comparison between the Hyster seat and a leading competitor's seat, which demonstrates that the Hyster seat offers class leading comfort. (Red denotes highest pressure on a colour scale)



02



03 Red denotes highest pressure on a colour scale



04



05



06



07



08



09



09

04 Fully adjustable steering column with both tilt and telescopic adjustments.

05 Synchronised steering ensures that the steering knob always defaults to a position selected by the operator, when travelling in a straight line.

06 Heads-up display, increases the driver's field of vision.

07 1.5 & 1.6T models are available with a Vista Plus mast, with 300mm between mast channels.

08 A reverse grab handle with integrated horn button enhances driver comfort and truck control when travelling in reverse.

09 Easy to use 3-point entry design

10 A choice of weather protection options promotes a comfortable working environment, whatever the conditions.



GET MORE PERFORMANCE

Many applications require trucks to run for 2 or even 3 shifts a day, operating around the clock. That means sustained productivity and the number of loads that can be moved per operator, per hour, is a key measure for all operations.

Hyster delivers high levels of productivity by providing robust, user friendly trucks, designed to give optimum performance. With new controllers, powerful AC motors, superb ergonomics and best-in-class manoeuvrability they can perform for longer and use less power.

GET MORE...

- Powerful performance with AC technology
- Fast acceleration and travel speeds
- Fast lifting and lowering speeds
- Energy efficiency so your trucks work harder for longer

- Superb manoeuvrability for fast handling in congested loading bays or narrow aisles. The J1.6-2.0XN zero turning radius steer axle gives four wheel truck users similar manoeuvrability to a three wheel truck
- A range of programmable settings enable you to adjust truck performance to suit your driver or your application, speeding up the time it takes to get the job done.





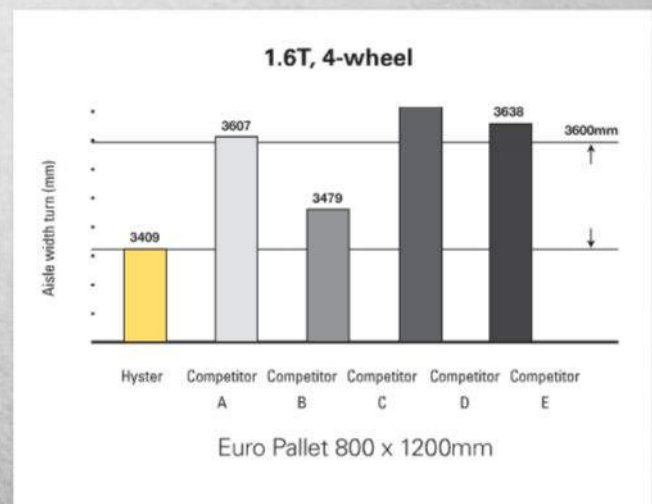
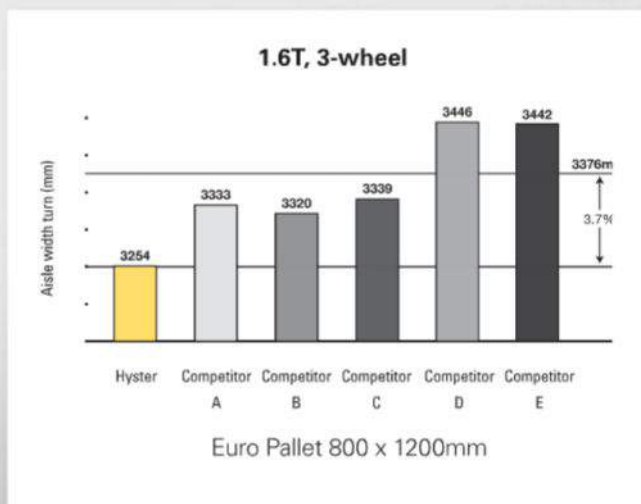
MANOEUVRABILITY

Aisle width comparison **1.6T, 3-wheel**, short wheelbase

- Compact turning radius for fast manoeuvring in tight or congested spaces.
- A tight turning radius speeds up load handling.

Aisle width comparison **1.6T, 4-wheel**, medium wheelbase

- Hyster Zero Turning Radius steer axle provides '3 wheel truck manoeuvrability' on a 4 wheel truck.
- A tight turning radius speeds up load handling.





MORE DEPENDABILITY AND SERVICEABILITY

The Hyster "XN" range of electric forklift trucks have been developed using the highest quality research and development, testing and manufacturing resources in the world. They have the pedigree of the only global supplier of materials handling equipment, with over 80 years of experience, so you can rely on performance that lasts.



GET MORE DEPENDABILITY

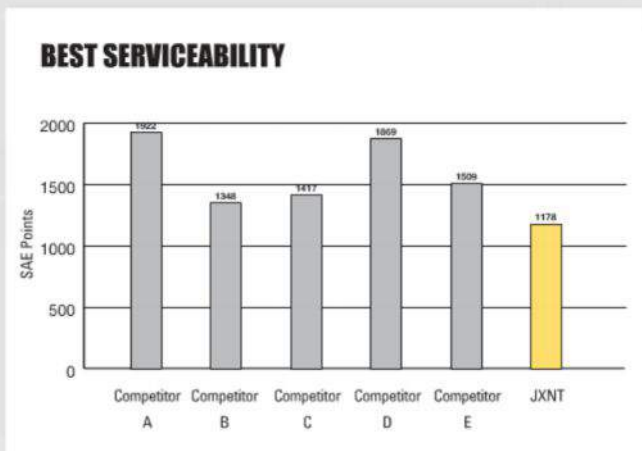
- A strong, compact chassis construction
 - Robust mast design with excellent visibility
 - Unique design steer axle
 - Advanced thermal protection
 - VSM (Vehicle System Manager) and CANbus communication system detect faults and can anticipate maintenance needs
- High level of protection against ingress of water and dust particles

MORE SERVICEABILITY

Hyster electric trucks have the best serviceability in the industry, with long service intervals. When periodic maintenance is required, access to all components is quick and easy.

GET MORE SERVICEABILITY

- Advanced information display, facilitates fault finding and quick diagnostics
- VSM manages and monitors all truck systems
- Excellent service access



- Maintenance free components
- Reduced maintenance transmissions
- Oil-immersed brakes
- AC motors on traction and hoist
- Hall effect sensors
- CANbus technology
- A start up checklist and pin code access allow precise management and control of the fleet.

Serviceability	Hyster J1.6-2.0XN	Comp 1	Comp 2	Comp 3
Best in class serviceability	+	-	-	-
(SAE) score				
Maintenance free transmission	+	-	-	-
Diagnostics through dash display	+	+	+	+
Hydraulic fluid tank in rear compartment	+	-	-	-
Easily removable floor plate	+	-	-	-

*Comparisons according to SAE (Society of Automotive Engineers) J817



GET MORE CHOICE

J1.5-2.0XNT - Product Range

Model	Capacity	Wheelbase			Side Extraction	High Chassis
		S	M	L	Option	Option
J1.5XNT	1500	•			•	
J1.6XNT	1600	•	•	•	•	•
J1.8XNT	1800		•	•	•	•
J2.0XNT	2000		•	•	•	•

S = Short wheel base M = Medium wheel base L = Long wheel base

Battery Option

Wheelbase	Length l2	Battery Compartment	Standard Din 43531
S	1807 mm	546 mm	460 - 500 Ah
M	1903 mm	642 mm	575 - 625 Ah
L	2011 mm	750 mm	690 - 750 Ah

DIN 43531 A boxes possible with side extraction

Wheelbase	Length l2	Battery Compartment	Custom Battery on High Chassis
S	1805 mm	546 mm	595 - 700 Ah
M	1901 mm	642 mm	625 - 750 Ah
L	2004 mm	750 mm	690 - 900 Ah

DIN 43531 A boxes possible with side extraction

J1.6-2.0XN - Product Range

Model	Capacity	Wheelbase			Side Extraction	High Chassis
		S	M	L	Option	Option
J1.6XN	1600		•	•	•	
J1.8XN	1800		•	•	•	
J2.0XN	2000			•	•	•

S = Short wheel base M = Medium wheel base L = Long wheel base

Battery Option

Wheelbase	Length l2	Battery Compartment	Standard Din 43531
M	1980 mm	642 mm	575 - 625 Ah
L	2088 mm	750 mm	690 - 750 Ah

DIN 43531 A boxes possible with side extraction

Wheelbase	Length l2	Battery Compartment	Custom Battery on High Chassis
L	2088 mm	750 mm	900 Ah

DIN 43531 A boxes possible with side extraction

J2.2-3.5XN - Product Range

Model	Capacity	Wheelbase		Side Extraction	High Chassis
		S	L	Option	Option
J2.2XN	2200	•	•	•	n/a
J2.5XN	2500	•	•	•	n/a
J3.0XN	3000		•	•	n/a
J3.5XN	3500		•	•	n/a

S = Short wheel base L = Long wheel base

h6 is 2196 mm on Standard Truck. h6 is 2297 mm on Side Extraction

Battery Option

Wheelbase	Length l2	Battery Compartment	Standard Din 43531
S	2336 mm	717 mm	560 - 620 Ah
L	2480 (2.5-3.0T) & 2570 (3.5T) mm	861 mm	700 - 775 Ah

DIN batteries only.