



**STRONG PARTNERS.
TOUGH TRUCKS.™**



FOUR-WHEEL ELECTRIC COUNTERBALANCED LIFT TRUCKS

J1.6-2.0XN

1 600 – 2 000 KG



MAST AND CAPACITY INFORMATION

VISTA PLUS MASTS J1.6XN

	Maximum fork height (mm)	Back tilt	Overall lowered height (mm)	Overall extended height (mm)	Free lift (top of forks) (mm)
Vista Plus 2-Stage Limited Free Lift	3 360 3 860 4 360 4 860	5° 5° 5° 5°	2 230 2 580 2 830 3 180	3 868 * 4 368 * 4 868 * 5 386 *	140 140 140 140
Vista Plus 3-Stage Full Free Lift	4 600 4 900 5 200 5 500	5° 5° 5° 5°	2 080 2 180 2 330 2 430	5 108 * 5 408 * 5 708 * 6 008 *	1 572 ▲ 1 672 ▲ 1 822 ▲ 1 922 ▲

VISTA MASTS J1.6-2.0XN

	Maximum fork height (mm)	Back tilt	Overall lowered height (mm)	Overall extended height (mm)	Free lift (top of forks) (mm)
Vista 2-Stage Limited Free Lift	3 432 3 932 4 432 4 932	5° 5° 5° 5°	2 180 2 530 2 780 3 130	4 006 * 4 506 * 5 006 * 5 506 *	140 140 140 140
Vista 2-Stage Full Free Lift	3 218 3 718 4 338	5° 5° 5°	2 080 2 330 2 680	3 728 ◆ 4 228 ◆ 4 847 ◆	1 505 ● 1 755 ● 2 105 ●
Vista 3-Stage Full Free Lift	4 600 4 900 5 200 5 500	5° 5° 5° 5°	2 030 2 130 2 280 2 380	5 175 ◆ 5 375 ◆ 5 775 ◆ 6 075 ◆	1 455 ● 1 555 ● 1 705 ● 1 805 ●

J1.6-2.0XN - Capacity chart in kg @ 500mm Load Centre

	Maximum fork height (mm)	Pneumatic Shaped Solid Tyres											
		Without sideshift						With integral sideshift					
		J1.6XN (MWB)	J1.6XN (LWB)	J1.8XN (MWB)	J1.8XN (LWB)	J2.0XN (MWB)	J2.0XN (LWB)	J1.6XN (MWB)	J1.6XN (LWB)	J1.8XN (MWB)	J1.8XN (LWB)	J2.0XN (MWB)	J2.0XN (LWB)
Vista Plus 2-Stage Limited Free Lift	3 360 3 860 4 360 4 860	1 600 1 600 1 580 1 490	1 600 1 600 1 580 1 580	- - - -	- - - -	- - - -	- - - -	1 600 1 590 1 570 1 480	1 600 1 590 1 570 1 480	- - - -	- - - -	- - - -	- - - -
Vista 2-Stage Limited Free Lift	3 432 3 932 3 932 3 932	1 600 1 600 1 580 1 490	1 600 1 600 1 580 1 580	1 800 1 800 1 780 1 580	1 800 1 800 1 780 1 580	2 000 2 000 1 980 1 570	2 000 2 000 1 980 1 570	1 580 1 570 1 550 1 450	1 580 1 570 1 550 1 460	1 740 1 740 1 720 1 540	1 740 1 740 1 720 1 540	1 920 1 910 1 900 1 520	1 920 1 910 1 890 1 520
Vista 2-Stage Full Free Lift	3 218 3 718 4 338	1 600 1 600 1 600	1 600 1 600 1 600	1 800 1 800 1 800	1 800 1 800 1 800	2 000 2 000 2 000	2 000 2 000 2 000	1 570 1 560 1 550	1 570 1 560 1 550	1 750 1 750 1 740	1 750 1 750 1 740	1 930 1 920 1 910	1 930 1 920 1 910
Vista Plus 3-Stage Full Free Lift	4 600 4 900 5 200 5 500	1 500 1 350 1 220 1 090	1 510 1 360 1 230 1 100	- - - -	- - - -	- - - -	- - - -	1 450 1 400 1 360 1 230	1 450 1 400 1 360 1 230	- - - -	- - - -	- - - -	- - - -
Vista 3-Stage Full Free Lift	4 600 4 900 5 200 5 500	1 570 1 460 1 320 1 190	1 570 1 450 1 330 1 200	1 770 1 710 1 650 1 590	1 770 1 710 1 600 1 470	1 880 1 710 1 580 1 440	1 960 1 910 1 670 1 540	1 570 1 540 1 420 1 290 1 160	1 570 1 540 1 430 1 290 1 160	1 740 1 710 1 650 1 590 1 520	1 740 1 710 1 650 1 590 1 440	1 910 1 840 1 690 1 540 1 410	1 910 1 880 1 770 1 640 1 500

J1.6-2.0XN - Capacity chart in kg @ 600mm Load Centre

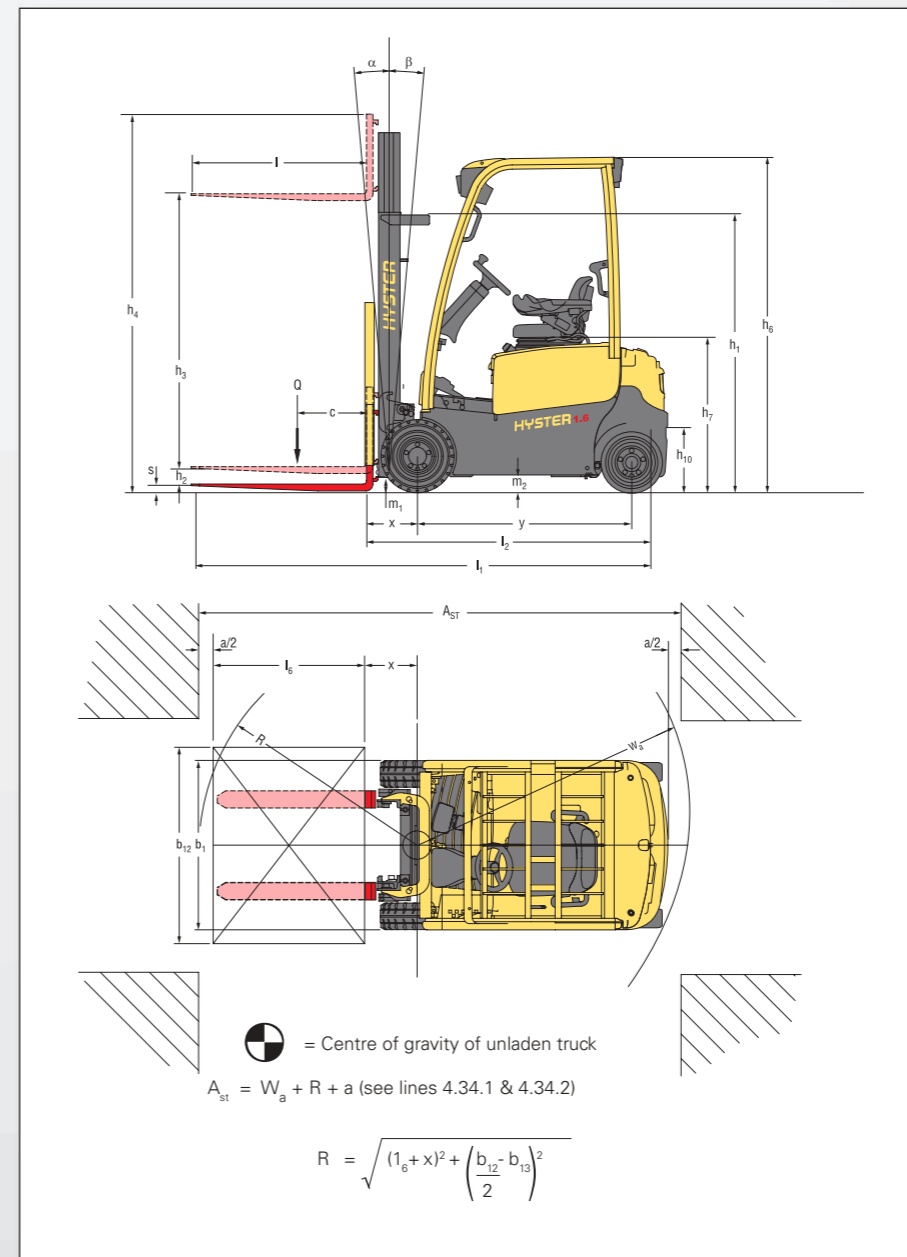
	Maximum fork height (mm)	Pneumatic Shaped Solid Tyres											
		Without sideshift						With integral sideshift					
		J1.6XN (MWB)	J1.6XN (LWB)	J1.8XN (MWB)	J1.8XN (LWB)	J2.0XN (MWB)	J2.0XN (LWB)	J1.6XN (MWB)	J1.6XN (LWB)	J1.8XN (MWB)	J1.8XN (LWB)	J2.0XN (MWB)	J2.0XN (LWB)
Vista Plus 2-Stage Limited Free Lift	3 360 3 860 4 360 4 860	1 450 1 450 1 430 1 350	1 450 1 450 1 430 1 360	- - - -	- - - -	- - - -	- - - -	1 430 1 430 1 410 1 320	1 430 1 430 1 410 1 330	- - - -	- - - -	- - - -	- - - -
Vista 2-Stage Limited Free Lift	3 432 3 932 4 432 4 932	1 450 1 450 1 430 1 350	1 450 1 450 1 430 1 360	1 600 1 600 1 580 1 500	1 600 1 600 1 580 1 500	1 800 1 800 1 780 1 570	1 800 1 800 1 780 1 570	1 410 1 410 1 390 1 300	1 410 1 410 1 390 1 310	1 560 1 560 1 540 1 450	1 560 1 560 1 540 1 450	1 720 1 720 1 700 1 520	1 720 1 720 1 700 1 520
Vista 2-Stage Full Free Lift	3 218 3 718 4 338	1 450 1 450 1 450	1 450 1 450 1 450	1 600 1 600 1 600	1 600 1 600 1 600	1 800 1 800 1 800	1 800 1 800 1 800	1 410 1 400 1 390	1 410 1 400 1 390	1 570 1 560 1 560	1 570 1 560 1 560	1 730 1 720 1 720	1 730 1 720 1 720
Vista Plus 3-Stage Full Free Lift	4 600 4 900 5 200 5 500	1 450 1 400 1 350 1 220	1 450 1 400 1 360 1 230	- - - -	- - - -	- - - -	- - - -	1 450 1 400 1 360 1 230	1 450 1 400 1 360 1 230	- - - -	- - - -	- - - -	- - - -
Vista 3-Stage Full Free Lift	4 600 4 900 5 200 5 500	1 450 1 420 1 370 1 320	1 450 1 420 1 380 1 320	1 600 1 570 1 520 1 470	1 600 1 570 1 520 1 470	1 800 1 770 1 710 1 570	1 800 1 770 1 710 1 660	1 410 1 380 1 330 1 270	1 410 1 380 1 330 1 270	1 410 1 380 1 330 1 270	1 560 1 530 1 480 1 420	1 710 1 690 1 640 1 540	1 710 1 690 1 630 1 570

◆ Tilt speed reduced to 1° per second by mechanical tilt speed restrictors for mast heights 5000mm and above.

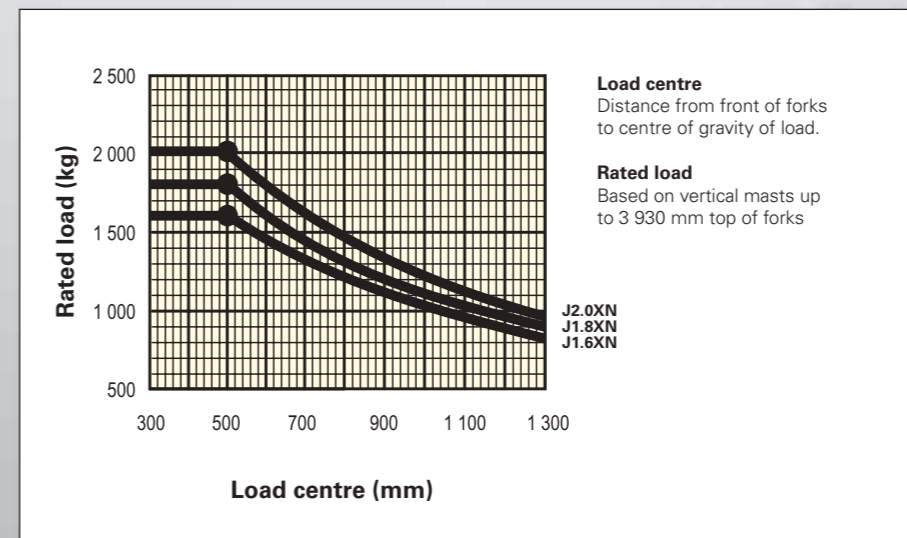
NOTES
The rated capacities shown are for masts in a vertical position on trucks equipped with standard or sideshift carriage and nominal length forks. Masts above the maximum fork heights shown in the mast table are classified as high lift and, depending on the tyre/tread configuration may require reduced capacity, restricted back tilt or wide tread.

Values shown are for standard equipment. When using non-standard equipment these values may change. Please contact your Hyster dealer for information.

TRUCK DIMENSIONS



RATED CAPACITIES



PRODUCT FEATURES

DEPENDABILITY

- Robust mast design for high visibility and reliable, high performance lifting.
- Steel hoods and durable side covers provide increased resistance to impact damage and general wear and tear.
- AC motor technology on traction and hoist allows the truck to work more reliably and for longer shifts, reducing downtime significantly.
- Hall-Effect sensors on transmission replace internal encoder bearing, making the truck more reliable and decreasing downtime.
- Strong chassis construction provides excellent durability and stability, boosting driver confidence and enhancing productivity.
- IP54 enclosed traction motors and IP65 protection of controls, prevent ingress of water and dust particles, reducing the probability of truck breakdown.
- Use of O-Ring face seals in the hydraulic system, sealed electrical connectors and LED lights, replacing light bulbs, gives maximum uptime over the product life cycle.

PRODUCTIVITY

- Dual front wheel AC drive motors provides smooth acceleration and excellent travel and torque performance. This is combined with regenerative braking to deliver efficient load handling.
- Robust Zero Turn Radius (ZTR) axle with allow tight turning circles for excellent maneuverability in working aisles or congested loading/unloading bays.
- E-braking system provides service braking to be achieved using regenerative motor braking, offering increased energy efficiency, reduced energy consumption and increases uptime.
- Comprehensive range of truck wheelbases and batteries, can be matched to the application, optimising performance, maneuverability and battery shift life.
- Energy Low (eLo) settings provides best balance between truck performance and battery shift life.
- High Performance (HiP) settings will ensure that truck performance.
- Easy side extraction battery removal with 180°-fold back door, allows more uninterrupted uptime with a fast, simple exchange process to keep trucks on the move.
- The maintenance-free mechanical Hyster Stability Mechanism (HSM) reduces truck lean when travelling over obstacles, increasing driver confidence and productivity.

ERGONOMICS

- Zero Turn Radius (ZTR) axle gives tighter turn radius, allowing a roomier, comfortable truck to maneuver in standard working aisles.
- Generous foot space, intuitive pedal arrangement and low step and hood heights offer a comfortable working space for the driver. This means on/off access and driving in reverse cause less fatigue over long shifts.
- Full suspension seat with 80mm of travel reduces truck vibrations, creating a smoother ride for the operator. Swivel seat option for operations requiring frequent reversing.
- Optional IntelligentBelt™ interlock system prevents truck from traveling until operator is seated with seat belt securely fastened to ensure that seat belt is used correctly.
- Multiple choices of Hydraulic controls:
 - Seat side manual lever control with new design manual levers for superb handling productivity.
 - The latest design adjustable TouchPoint™ armrest module with built in hydraulic controls, integrated directional control, emergency off switch and horn offers the ultimate in comfort and control.
 - New design ergonomic joystick with integrated hydraulic controls including direction change, return to set tilt and clamping, designed and positioned to provide maximum comfort for operator.
- Optional Synchronous steering maintains the steering knob at the preferred angle for the driver when driving straight increasing operator comfort and reduces fatigue.
- Steer Column is infinitely adjustable via adjustable gas spring support, optional height adjustment available.
- The memory tilt option allows the steering column to be released to the most vertical position to allow the operator to get off the truck easily. When getting back on the truck, the operator simply pulls the steer column back to the preset position.
- A choice of weather protection options promotes a comfortable working environment, whatever the conditions.
- Easy to open 180°-fold back door for simple and efficient horizontal battery exchange.

PRODUCT FEATURES (2)

LOW COST OF OWNERSHIP

- The right balance of performance, manoeuvrability and battery provision, matched to the application needs gives productivity and throughput at less cost.
- The Vehicle System Manager (VSM) allows adjustment of truck performance parameters as well as monitoring key functions, leading to application matched performance and low maintenance.
- Durable, quality components mean long term reliability and lower maintenance costs. Virtually maintenance free components such as brushless AC motors mean that Hyster Electrics require a full service check only after 1 000 hours.
- In-built thermal protection on traction motors and advanced cooling system protect truck components, leading to reduced maintenance costs.
- Fast delivery of diagnostic information allows precise troubleshooting, easy maintenance planning and lower costs.
- E-braking system reduce 'wear parts' and are less vulnerable to ingress of dirt and floor debris, reducing maintenance costs.

SERVICEABILITY

- Access to diagnostic information via the display or plug-in point on the steering column allows engineers to monitor truck conditions and plan maintenance requirements.
- Easily removable 2-piece floor plate provides easy access to power contactor, fuses and relays.
- Automatic park brake system can be released manually by activating lever arrangement underneath floor plates, reducing downtime.
- Motor, pump, controller and oil tank are located in the counterweight and are easily accessible, requiring only 2 thumb screws to be removed.



STRONG PARTNERS. TOUGH TRUCKS.™

FOR DEMANDING OPERATIONS, EVERYWHERE.

Hyster supplies a complete range of warehouse equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Hyster is committed to being much more than a lift truck supplier.

Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: Whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.



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