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TOUGH TRUCKS.™




# THREE-WHEEL ELECTRIC COUNTERBALANCED LIFT TRUCKS

J1.5-2.0XNT

1 500-2 000 KG

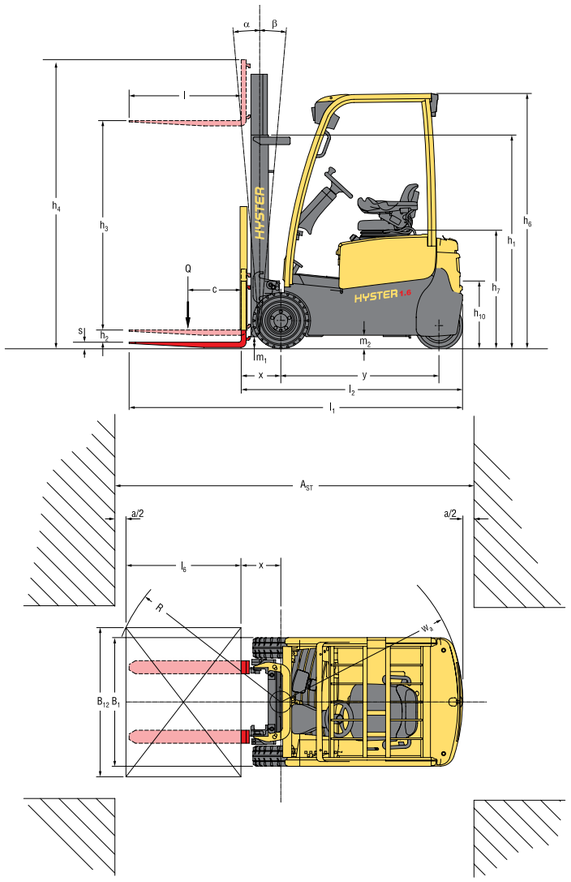
# J1.5XNT, J1.6XNT, J1.8XNT, J2.0XNT

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTINGUISHING MARKS | 1.1 | Manufacturer (abbreviation) | HYSTER | | | HYSTER | | | HYSTER | | | HYSTER | | | HYSTER | | | HYSTER | | | 1.1 | DISTINGUISHING MARKS |
| | 1.2 | Manufacturer's type designition | J1.5XNT (SWB) | | | J1.6XNT (SWB) | | | J1.6XNT (MWB) | | | J1.6XNT (LWB) | | | J1.8XNT (MWB) | | | J1.8XNT (LWB) | | | 1.2 | |
| | 1.3 | Drive: electric (battery or mains), diesel, petrol, fuel gas | Electric (Battery) | | | Electric (Battery) | | | Electric (Battery) | | | Electric (Battery) | | | Electric (Battery) | | | Electric (Battery) | | | 1.3 | |
| | 1.4 | Operator type: hand, pedestrian, standing, seated, order-picker | Seated | | | Seated | | | Seated | | | Seated | | | Seated | | | Seated | | | 1.4 | |
| | 1.5 | Rated capacity/rated load Q (t) | 1.5 | | | 1.6 | | | 1.6 | | | 1.6 | | | 1.8 | | | 1.8 | | | 1.5 | |
| | 1.6 | Load centre distance c (mm) | 500 | | | 500 | | | 500 | | | 500 | | | 500 | | | 500 | | | 1.6 | |
| | 1.8 | Load distance, centre of drive axle to fork x (mm) | 326 | | | 326 | | | 326 | | | 326 | | | 321 | | | 321 | | | 1.8 | |
| | 1.9 | Wheelbase y (mm) | 1290 | | | 1290 | | | 1386 | | | 1494 | | | 1386 | | | 1494 | | | 1.9 | |
| WEIGHTS | 2.1 | Service weight ❒ kg | 2971 | | | 3083 | | | 3083 | | | 3258 | | | 3335 | | | 3331 | | | 2.1 | WEIGHTS |
| | 2.2 | Axle loading, laden front/rear ❒ kg | 3892 | 580 | | 4096 | 587 | | 4050 | 633 | | 4056 | 802 | | 4496 | 640 | | 4435 | 695 | | 2.2 | |
| | 2.3 | Axle loading, unladen front/rear ❒ kg | 1430 | 1541 | | 1470 | 1613 | | 1495 | 1588 | | 1571 | 1687 | | 1628 | 1707 | | 1646 | 1685 | | 2.3 | |
| TYRES / CHASSIS | 3.1 | Tyres: P=pneumatic, C=cushion, SE=superelastic | SE | | | SE | | | SE | | | PSS | | | PSS | | | PSS | | | 3.1 | TYRES / CHASSIS |
| | 3.2 | Tyre size, front | 18 x 7-8 | | | 18 x 7-8 | | | 18 x 7-8 | | | 18 x 7-8 | | | 200/50-10 | | | 200/50-10 | | | 3.2 | |
| | 3.3 | Tyre size, rear | 15 x 4.5-8 | | | 15 x 4.5-8 | | | 15 x 4.5-8 | | | 15 x 4.5-8 | | | 15 x 4.5-8 | | | 15 x 4.5-8 | | | 3.3 | |
| | 3.5 | Wheels, number front/rear (x = driven wheels) | 2X | 2 | | 2X | 2 | | 2X | 2 | | 2X | 2 | | 2X | 2 | | 2X | 2 | | 3.5 | |
| | 3.6 | Tread, front $b_{10}$ (mm) | 889 | | | 889 | | | 889 | | | 889 | | | 908 | | | 908 | | | 3.6 | |
| | 3.7 | Tread, rear $b_{11}$ (mm) | 194 | | | 194 | | | 194 | | | 194 | | | 194 | | | 194 | | | 3.7 | |
| DIMENSIONS | 4.1 | Tilt of mast/fork carriage forward/backward α / β (°) | 5 | 5 | | 5 | 5 | | 5 | 5 | | 5 | 5 | | 5 | 5 | | 5 | 5 | | 4.1 | DIMENSIONS |
| | 4.2 | Height, mast lowered $h_1$ (mm) | 2230 | | | 2230 | | | 2230 | | | 2230 | | | 2180 | | | 2180 | | | 4.2 | |
| | 4.3 | Free lift ¶ $h_2$ (mm) | 100 | | | 100 | | | 100 | | | 100 | | | 100 | | | 100 | | | 4.3 | |
| | 4.4 | Lift ¶ $h_3$ (mm) | 3320 | | | 3320 | | | 3320 | | | 3320 | | | 3390 | | | 3390 | | | 4.4 | |
| | 4.5 | Height, mast extended ✦ $h_4$ (mm) | 3898 | | | 3898 | | | 3898 | | | 3898 | | | 4006 | | | 4006 | | | 4.5 | |
| | 4.7 | Height of overhead guard (cabin) ■ $h_6$ (mm) | 2070 | | | 2070 | | | 2070 | | | 2070 | | | 2070 | | | 2070 | | | 4.7 | |
| | 4.7.1 | Cab height (open cab) | 2085 | | | 2085 | | | 2085 | | | 2085 | | | 2085 | | | 2085 | | | 4.7.1 | |
| | 4.8 | Seat height relating to SIP/stand height ✪ $h_7$ (mm) | 919 | | | 919 | | | 919 | | | 919 | | | 919 | | | 919 | | | 4.8 | |
| | 4.12 | Coupling height $h_{10}$ (mm) | 500 | | | 500 | | | 500 | | | 500 | | | 500 | | | 500 | | | 4.12 | |
| | 4.19 | Overall length $l_1$ (mm) | 2807 | | | 2807 | | | 2903 | | | 3011 | | | 2898 | | | 3006 | | | 4.19 | |
| | 4.20 | Length to face of forks $l_2$ (mm) | 1807 | | | 1807 | | | 1903 | | | 2011 | | | 1898 | | | 2006 | | | 4.20 | |
| | 4.21 | Overall width ✜ $b_1/b_2$ (mm) | 1050 ✜ | | | 1050 ✜ | | | 1050 ✜ | | | 1050 ✜ | | | 1116 | | | 1116 | | | 4.21 | |
| | 4.22 | Fork dimensions ISO 2331 s/e/l (mm) | 40 | 80 | 1000 | 40 | 80 | 1000 | 40 | 80 | 1000 | 40 | 80 | 1000 | 40 | 80 | 1000 | 40 | 80 | 1000 | 4.22 | |
| | 4.23 | Fork carriage ISO 2328, class/type A, B | 2A | | | 2A | | | 2A | | | 2A | | | 2A | | | 2A | | | 4.23 | |
| | 4.24 | Fork carriage width ✦ $b_3$ (mm) | 907 | | | 907 | | | 907 | | | 907 | | | 977 | | | 977 | | | 4.24 | |
| | 4.31 | Ground clearance, laden, below mast $m_1$ (mm) | 70 | | | 70 | | | 70 | | | 70 | | | 70 | | | 70 | | | 4.31 | |
| | 4.32 | Ground clearance at centre of wheelbase ✜ $m_2$ (mm) | 100 | | | 100 | | | 100 | | | 100 | | | 100 | | | 100 | | | 4.32 | |
| | 4.33 | Load dimension $b_{12} \times l_6$ crossways $b_{12} \times l_6$ (mm) | 1000 x 1200 | | | 1000 x 1200 | | | 1000 x 1200 | | | 1000 x 1200 | | | 1000 x 1200 | | | 1000 x 1200 | | | 4.33 | |
| | 4.34 | Aisle width predetermined load dimensions $A_{st}$ (mm) | 3134 | | | 3134 | | | 3232 | | | 3340 | | | 3228 | | | 3336 | | | 4.34 | |
| | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways ◆ $A_{st}$ (mm) | 3134 | | | 3134 | | | 3232 | | | 3340 | | | 3228 | | | 3336 | | | 4.34.1 | |
| | 4.34.2 | Aisle width for pallets 800 × 1200 lengthways ◆ $A_{st}$ (mm) | 3257 | | | 3257 | | | 3355 | | | 3463 | | | 3350 | | | 3458 | | | 4.34.2 | |
| | 4.35 | Turning radius $W_a$ (mm) | 1479 | | | 1479 | | | 1577 | | | 1685 | | | 1577 | | | 1685 | | | 4.35 | |
| | 4.36 | Internal turning radius $b_{13}$ (mm) | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 4.36 | |
| | 4.41 | 90° intersecting aisle (With pallet W = 1200mm, L = 1000mm) (mm) | 1718 | | | 1718 | | | 1754 | | | 1798 | | | 1776 | | | 1820 | | | 4.41 | |
| | 4.42 | Step Height (from ground to running board) (mm) | 557 | | | 557 | | | 557 | | | 557 | | | 557 | | | 557 | | | 4.42 | |
| | 4.43 | Step Height (mm) | 484 | | | 484 | | | 484 | | | 484 | | | 484 | | | 484 | | | 4.43 | |
| PERFORMANCE DATA | 5.1 | Travel speed, laden/unladen △ km/h | 16 | 16 | | 16 | 16 | | 16 | 16 | | 16 | 16 | | 16 | 16 | | 16 | 16 | | 5.1 | PERFORMANCE DATA |
| | 5.1.1 | Travel speed, laden/unladen, backwards km/h | 16 | 16 | | 16 | 16 | | 16 | 16 | | 16 | 16 | | 16 | 16 | | 16 | 16 | | 5.1.1 | |
| | 5.2 | Lift speed, laden/unladen m/s | 0.43 | 0.59 | | 0.43 | 0.59 | | 0.43 | 0.59 | | 0.43 | 0.59 | | 0.41 | 0.60 | | 0.41 | 0.60 | | 5.2 | |
| | 5.3 | Lowering speed, laden/unladen m/s | 0.50 | 0.47 | | 0.50 | 0.47 | | 0.50 | 0.47 | | 0.50 | 0.47 | | 0.46 | 0.40 | | 0.46 | 0.40 | | 5.3 | |
| | 5.5 | Drawbar pull, laden/unladen ** N | 3406 | 3680 | | 3406 | 3680 | | 3406 | 3680 | | 3406 | 3680 | | 3337 | 3646 | | 3337 | 3646 | | 5.5 | |
| | 5.6 | Max. drawbar pull, laden/unladen *** N | 11415 | 11690 | | 11415 | 11690 | | 11415 | 11690 | | 11415 | 11690 | | 11355 | 11664 | | 11346 | 11655 | | 5.6 | |
| | 5.7 | Gradeability, laden/unladen † **** % | 11 | 16 | | 11 | 16 | | 11 | 16 | | 11 | 16 | | 10 | 15 | | 10 | 15 | | 5.7 | |
| | 5.8 | Max. gradeability, laden/unladen † *** % | 25 | 34 | | 25 | 34 | | 25 | 35 | | 25 | 35 | | 23 | 35 | | 23 | 36 | | 5.8 | |
| | 5.9 | Acceleration time, laden/unladen △ s | 4.6 | 4.1 | | 4.6 | 4.1 | | 4.6 | 4.1 | | 4.6 | 4.1 | | 4.6 | 4.1 | | 4.6 | 4.1 | | 5.9 | |
| | 5.10 | Service brake | Hydraulic | | | Hydraulic | | | Hydraulic | | | Hydraulic | | | Hydraulic | | | Hydraulic | | | 5.10 | |
| ELECTRIC ENGINE | 6.1 | Drive motor rating S2 60 min kW | 2x 5.0 | | | 2x 5.0 | | | 2x 5.0 | | | 2x 5.0 | | | 2x 5.0 | | | 2x 5.0 | | | 6.1 | ELECTRIC ENGINE |
| | 6.2 | Lift motor rating at S3 15% kW | 12 | | | 12 | | | 12 | | | 12 | | | 12 | | | 12 | | | 6.2 | |
| | 6.3 | Battery according to DIN 43531/35/36 A, B, C, no | DIN 43531-A | | | DIN 43531-A | | | DIN 43531-A | | | DIN 43531-A | | | DIN 43531-A | | | DIN 43531-A | | | 6.3 | |
| | 6.4 | Battery voltage/nominal capacity K5 (V)/(ah) | 48 | 500 | | 48 | 500 | | 48 | 625 | | 48 | 750 | | 48 | 625 | | 48 | 750 | | 6.4 | |
| | 6.5 | Battery weight ⩓ kg | 673 | 743 | | 673 | 743 | | 813 | 899 | | 962 | 1064 | | 813 | 899 | | 962 | 1064 | | 6.5 | |
| | 6.6 | Energy consumption according to VDI cycle ▲ kWh/h @Nr of Cycles | 4.2 | | | 4.4 | | | 4.4 | | | 4.7 | | | 5.0 | | | 5.0 | | | 6.6 | |
| ADDITIONAL DATA | 8.1 | Type of drive unit | Electric transmission | | | Electric transmission | | | Electric transmission | | | Electric transmission | | | Electric transmission | | | Electric transmission | | | | ADDITIONAL DATA |
| | 10.1 | Operating pressure for attachments bar | 180 | | | 180 | | | 180 | | | 180 | | | 180 | | | 180 | | | | |
| | 10.2 | Oil volume for attachments ✧ l/min | 40 | | | 40 | | | 40 | | | 40 | | | 40 | | | 40 | | | | |
| | 10.3 | Hydraulic oil tank, capacity l | 16.8 | | | 16.8 | | | 16.8 | | | 16.8 | | | 16.8 | | | 16.8 | | | | |
| | 10.7 | Sound pressure level at the driver's seat $L_{PAZ}$ ✪ dB(A) | 69 | | | 69 | | | 69 | | | 69 | | | 69 | | | 69 | | | | |
| | 10.8 | Towing coupling, type DIN | Pin | | | Pin | | | Pin | | | Pin | | | Pin | | | Pin | | | | |

Specification data is based on VDI 2198. ** 60 minute rating *** 5 minute rating **** 30 minute rating

**EQUIPMENT & WEIGHT:** Weights (line 2.1) are based on the following specifications: Complete truck with 3 320 mm Vista Plus (J1.5-1.6XNT) or 3 390 mm Vista (J1.8-2.0XNT) 2- stage limited free lift mast, 910 mm hook type carriage with load backrest and 1 000 mm forks. Overhead guard and pneumatic shaped solid drive and steer tyres.

# TRUCK DIMENSIONS




⌖ = Centre of gravity of unladen truck

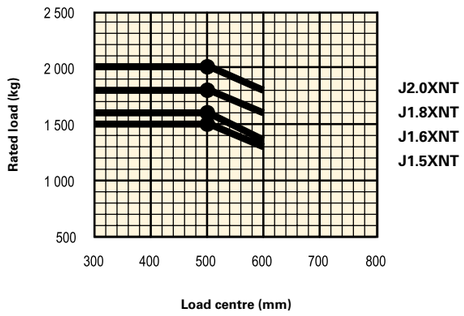
Ast = Wa + R + a (see lines 4.34.1 & 4.34.2)

$$R = \sqrt{(l_6 + x)^2 + \left(\frac{b_{12}}{2} - b_{13}\right)^2}$$

a = Minimum operating clearance (VDI standard = 200 mm BITA recommendation = 300 mm)

$l_6$ = Load length

# RATED CAPACITIES




**Load centre**
Distance from front forks to centre of gravity of load.

**Rated load**
Based on vertical masts up to 3 430mm to top of forks.

**NOTE:**

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your dealer.

❒ Max. battery

¶ Bottom of forks

⭘ Full suspension seat specified. Standard Hood specified. 953mm with raised hood."

✦ Without load backrest

● add 32mm with load backrest

■ h6 subject to +/- 5 mm tolerance

✧ maximum flow set through dash display.

△ HiP performance

▲ eLo performance

⅄ min/max

❖ Overall width 1116 mm with required 200/50-10 tyres fitted for masts 5000mm and over.

❖ Value shown for vertical battery removal; horizontal battery removal has 90 mm of clearance at center of wheelbase.

◆ Stacking aisle width (lines 4.34.1 & 4.34.2) is based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck.

† Gradeability figures (lines 5.7 & 5.8) are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.

✪ LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053

**MAST TABLES KEY:**

★ Add 721mm with load backrest extension

▲ Deduct 723mm with load backrest extension.

✳ Add 723mm with load backrest extension.

✱ Add 656mm with load backrest extension.

✤ Add 655mm with load backrest extension

⬟ Deduct 655mm with load backrest extension.

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

**NOTICE**

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that mast tilt in either direction be kept to a minimum when loads are elevated

Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.

CE **Safety:**

This truck conforms to the current EU requirements.

# MAST AND CAPACITY INFORMATION

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

## VISTA PLUS MASTS J1.5-1.6XNT

| | Maximum Fork Height (mm) ($h_3$ + s) | Back Tilt | Overall Lowered Height (mm) | Overall Extended Height (mm) | Free lift (top of forks) (mm) ($h_2$ + s) |
|---|---|---|---|---|---|
| **Vista Plus 2-Stage limited free lift** | 3360<br>3860<br>4360<br>4860 | 5°<br>5°<br>5°<br>5° | 2230<br>2580<br>2830<br>3180 | 3868 ★<br>4368 ★<br>4868 ★<br>5386 ★ | 140<br>140<br>140<br>140 |
| **Vista Plus 3-Stage full free lift** | 4600<br>4900<br>5200 ♦<br>5500 ♦ | 5°<br>5°<br>5°<br>5° | 2080<br>2180<br>2330<br>2430 | 5108 ✳<br>5408 ✳<br>5708 ✳<br>6008 ✳ | 1572 ▲<br>1672 ▲<br>1822 ▲<br>1922 ▲ |

## VISTA MASTS J1.5-2.0XNT

| | Maximum Fork Height (mm) ($h_3$ + s) | Back Tilt (°) | Overall Lowered Height (mm) | Overall Extended Height (mm) | Free lift (top of forks) (mm) ($h_2$ + s) |
|---|---|---|---|---|---|
| **Vista 2-Stage limited free lift** | 3430<br>3930<br>4430<br>4930 | 5°<br>5°<br>5°<br>5° | 2180<br>2530<br>2780<br>3130 | 4006 ✱<br>4506 ✱<br>5006 ✱<br>5506 ✱ | 140<br>140<br>140<br>140 |
| **Vista 2-Stage full free lift** | 3218<br>3718<br>4338 | 5°<br>5°<br>5° | 2080<br>2330<br>2680 | 3728 ✤<br>4228 ✤<br>4847 ✤ | 1505 ⬟<br>1755 ⬟<br>2105 ⬟ |
| **Vista 3-Stage limited free lift** | 4600<br>4900<br>5200 ♦<br>5500 ♦ | 5°<br>5°<br>5°<br>5° | 2030<br>2130<br>2280<br>2380 | 5175 ✤<br>5375 ✤<br>5775 ✤<br>6075 ✤ | 1455 ⬟<br>1555 ⬟<br>1705 ⬟<br>1805 ⬟ |

## J1.5-1.6XNT - Vista Plus capacity chart in kg @ 500 mm load centres

| | Max fork height (mm) | Pneumatic Shaped Solid Tyres | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | WITHOUT sideshift | | | | WITH integral sideshift | | | |
| | | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) |
| **Vista Plus 2-Stage limited free lift** | 3360 | 1 500 | 1 600 | 1 600 | 1 600 | 1 500 | 1 600 | 1 600 | 1 600 |
| | 3860 | 1 500 | 1 600 | 1 600 | 1 600 | 1 500 | 1 600 | 1 600 | 1 600 |
| | 4360 | 1 480 | 1 580 | 1 580 | 1 580 | 1 480 | 1 580 | 1 580 | 1 580 |
| | 4860 | 1 390 | 1 490 | 1 490 | 1 500 | 1 390 | 1 490 | 1 490 | 1 500 |
| **Vista Plus 3-Stage full free lift** | 4600 | 1 450 | 1 540 | 1 540 | 1 550 | 1 450 | 1 540 | 1 540 | 1 550 |
| | 4900 | 1 390 | 1 490 | 1 490 | 1 500 | 1 390 | 1 490 | 1 490 | 1 500 |
| | 5200 ♦ | 1 340 | 1 430 | 1 320 | 1 330 | 1 340 | 1 360 | 1 250 | 1 260 |
| | 5500 ♦ | 1 280 | 1 130 | 1 060 | 1 080 | 1 240 | 1 070 | 1 000 | 1 010 |

## J1.5-1.6XNT - Vista Plus capacity chart in kg @ 600 mm load centres

| | Max fork height (mm) | Pneumatic Shaped Solid Tyres | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | WITHOUT sideshift | | | | WITH integral sideshift | | | |
| | | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) |
| **Vista Plus 2-Stage limited free lift** | 3360 | 1 300 | 1 450 | 1 450 | 1 450 | 1 300 | 1 450 | 1 450 | 1 450 |
| | 3860 | 1 300 | 1 450 | 1 450 | 1 450 | 1 300 | 1 450 | 1 450 | 1 450 |
| | 4360 | 1 280 | 1 430 | 1 430 | 1 430 | 1 280 | 1 430 | 1 430 | 1 430 |
| | 4860 | 1 210 | 1 350 | 1 350 | 1 360 | 1 210 | 1 350 | 1 350 | 1 360 |
| **Vista Plus 3-Stage full free lift** | 4600 | 1 250 | 1 400 | 1 400 | 1 400 | 1 250 | 1 400 | 1 400 | 1 400 |
| | 4900 | 1 210 | 1 350 | 1 350 | 1 360 | 1 210 | 1 350 | 1 340 | 1 350 |
| | 5200 ♦ | 1 160 | 1 300 | 1 300 | 1 310 | 1 160 | 1 290 | 1 250 | 1 260 |
| | 5500 ♦ | 1 110 | 1 130 | 1 060 | 1 080 | 1 110 | 1 070 | 1 000 | 1 010 |

**NOTE**: 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.

# MAST AND CAPACITY INFORMATION

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

**J1.5-2.0XNT** - Vista capacity chart in kg @ 500 mm load centres

| | Max fork height (mm) | Pneumatic Shaped Solid Tyres | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | WITHOUT sideshift | | | | | | | | WITH integral sideshift | | | | | | | |
| | | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) | J1.8XNT (MWB) | J1.8XNT (LWB) | J2.0XNT (MWB) | J2.0XNT (LWB) | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) | J1.8XNT (MWB) | J1.8XNT (LWB) | J2.0XNT (MWB) | J2.0XNT (LWB) |
| **Vista 2-Stage limited free lift** | 3432 | - | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 2 000 | 2 000 | - | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 1 990 | 1 990 |
| | 3932 | - | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 2 000 | 2 000 | - | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 1 980 | 1 980 |
| | 4432 | - | 1 580 | 1 580 | 1 580 | 1 780 | 1 780 | 1 980 | 1 980 | - | 1 580 | 1 580 | 1 580 | 1 780 | 1 780 | 1 950 | 1 950 |
| | 4932 | - | 1 490 | 1 490 | 1 500 | 1 580 | 1 580 | 1 570 | 1 560 | - | 1 490 | 1 490 | 1 500 | 1 540 | 1 540 | 1 520 | 1 520 |
| **Vista 2-Stage full free lift** | 3218 | 1 500 | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 2 000 | 2 000 | 1 500 | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 2 000 | 2 000 |
| | 3718 | 1 500 | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 2 000 | 2 000 | 1 500 | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 1 990 | 1 990 |
| | 4338 | 1 500 | 1 600 | 1 600 | 1 600 | 1 800 | 1 800 | 2 000 | 2 000 | 1 500 | 1 580 | 1 600 | 1 600 | 1 800 | 1 800 | 1 960 | 1 980 |
| **Vista 3-Stage full free lift** | 4600 | - | 1 570 | 1 570 | 1 570 | 1 770 | 1 770 | 1 970 | 1 970 | - | 1 550 | 1 570 | 1 570 | 1 770 | 1 770 | 1 930 | 1 950 |
| | 4900 | - | 1 520 | 1 520 | 1 520 | 1 710 | 1 710 | 1 780 | 1 910 | - | 1 510 | 1 520 | 1 520 | 1 710 | 1 710 | 1 720 | 1 880 |
| | 5200 ♠ | - | 1 380 | 1 260 | 1 280 | 1 650 | 1 650 | 1 490 | 1 670 | - | 1 320 | 1 200 | 1 210 | 1 650 | 1 650 | 1 440 | 1 600 |
| | 5500 ♠ | - | 1 090 | 1 000 | 1 030 | 1 590 | 1 440 | 1 250 | 1 420 | - | 1 030 | 950 | 970 | 1 550 | 1 370 | 1 200 | 1 360 |

**J1.5-2.0XNT** - Vista capacity chart in kg @ 600 mm load centres

| | Max fork height (mm) | Pneumatic Shaped Solid Tyres | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | WITHOUT sideshift | | | | | | | | WITH integral sideshift | | | | | | | |
| | | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) | J1.8XNT (MWB) | J1.8XNT (LWB) | J2.0XNT (MWB) | J2.0XNT (LWB) | J1.5XNT (SWB) | J1.6XNT (SWB) | J1.6XNT (MWB) | J1.6XNT (LWB) | J1.8XNT (MWB) | J1.8XNT (LWB) | J2.0XNT (MWB) | J2.0XNT (LWB) |
| **Vista 2-Stage limited free lift** | 3432 | - | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 800 | 1 800 | - | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 780 | 1 780 |
| | 3932 | - | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 800 | 1 800 | - | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 780 | 1 770 |
| | 4432 | - | 1 430 | 1 430 | 1 430 | 1 580 | 1 580 | 1 780 | 1 780 | - | 1 430 | 1 430 | 1 430 | 1 580 | 1 580 | 1 760 | 1 760 |
| | 4932 | - | 1 350 | 1 350 | 1 360 | 1 500 | 1 500 | 1 570 | 1 560 | - | 1 340 | 1 340 | 1 350 | 1 500 | 1 500 | 1 520 | 1 520 |
| **Vista 2-Stage full free lift** | 3218 | 1 300 | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 800 | 1 800 | 1 300 | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 790 | 1 790 |
| | 3718 | 1 300 | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 800 | 1 800 | 1 300 | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 790 | 1 780 |
| | 4338 | 1 300 | 1 450 | 1 450 | 1 450 | 1 600 | 1 600 | 1 800 | 1 800 | 1 300 | 1 440 | 1 450 | 1 450 | 1 600 | 1 600 | 1 780 | 1 770 |
| **Vista 3-Stage full free lift** | 4600 | - | 1 420 | 1 420 | 1 420 | 1 570 | 1 570 | 1 770 | 1 770 | - | 1 420 | 1 420 | 1 420 | 1 570 | 1 570 | 1 750 | 1 740 |
| | 4900 | - | 1 370 | 1 370 | 1 380 | 1 520 | 1 520 | 1 720 | 1 710 | - | 1 370 | 1 370 | 1 370 | 1 520 | 1 520 | 1 700 | 1 690 |
| | 5200 ♠ | - | 1 320 | 1 260 | 1 280 | 1 470 | 1 470 | 1 490 | 1 660 | - | 1 310 | 1 200 | 1 210 | 1 470 | 1 470 | 1 440 | 1 590 |
| | 5500 ♠ | - | 1 090 | 1 000 | 1 030 | 1 410 | 1 410 | 1 250 | 1 420 | - | 1 030 | 950 | 970 | 1 410 | 1 370 | 1 200 | 1 360 |

**NOTE**: 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.

# 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.
- P54 enclosed traction motors and IP65 protection of controls, prevent ingress of water and dust particles, reducing the probability of truck breakdown.

## PRODUCTIVITY

- AC front wheel drive provides smooth acceleration and excellent travel and torque performance. This is combined with regenerative braking to deliver efficient load handling.
- Compact chassis length and robust steer axle allow tight turning circles for excellent manoeuverability in working aisles or congested loading/ unloading bays.
- E- steering increases productivity while maintaining excellent battery life.
- Battery capacity and truck wheel base can be matched to the application, optimising performance, manoeuverability and battery shift life.
- Extended battery shift life and side extraction battery removal with 180° fold back door, allows more uninterrupted uptime with a fast, simple recharging process to keep trucks on the move.



# PRODUCT FEATURES

## ERGONOMICS

- Generous footspace, intuitive pedal arrangement and low step height offer a comfortable working space for the driver. This means on/off access and driving in reverse cause less fatigue over long shifts.
- Driver compartment with 80 mm full suspension seat reduces truck vibrations, creating a smoother ride for the operator. Swivel seat option for operations requiring frequent reversing.
- The latest adjustable mini-lever module armrest with built in hydraulic controls, integrated directional control, emergency off switch and horn offers the ultimate in comfort and control. There is also a choice of new design manual levers for superb handling productivity.
- The E-steering ensures  that the steering knob is always positioned in a predefined ergonomic position of the operator's choice when travelling in a straight line. This increases operator comfort and reduces fatigue.
- 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.

## LOW COST OF OWNERSHIP

- The right balance of performance, manoeuvrability and life and exchange mechanism, matched to the application, provides 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 wet disc brakes and 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.
- Oil immersed brakes reduce wear and tear on parts and protect from 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.

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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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