



H50XM Lift Truck Specifications

| Manufacturer Model | | Hyster Company H50XM (Mazda 2.0L) | Hyster Company H50XM (GM 3.0L) | Hyster Company H50XM (Perkins 2.6L) | | |
|---|--|-----------------------------------|--------------------------------|-------------------------------------|-------------------------------|---------------|
| CAPACITY | 3 Capacity, rated | lb. (kg) | 5,000 (2 268) | 5,000 (2 268) | 5,000 (2 268) | |
| | 4 Load Center | in. (mm) | 24 (500) | 24 (500) | 24 (500) | |
| | 5 Power type | | Gas / LPG | Gas / LPG | Diesel | |
| | 6 Operator type | | Sit | Sit | Sit | |
| | 7 Tire type, front / rear | | Pneumatic / Pneumatic | Pneumatic / Pneumatic | Pneumatic / Pneumatic | |
| | 8 Wheels, front / rear | (X = drive) | 2X / 2 | 2X / 2 | 2X / 2 | |
| | DIMENSIONS | 10 2-Stage LFL (TOF) | in. (mm) | 131.0 (3 327) | 131.0 (3 327) | 131.0 (3 327) |
| | | 11 Limited free-lift (TOF) | in. (mm) | 5.5 (140) | 5.5 (140) | 5.5 (140) |
| 12 Optional full free-lift (TOF) with / without LBE | | in. (mm) | 37.3 (947) / 81.5 (1 562) | 37.3 (947) / 61.5 (1 562) | 37.3 (947) / 61.5 (1 562) | |
| 13 Forks, width / thickness | | in. (mm) | 5.0 (127) / 1.5 (38) | 5.0 (127) / 1.5 (38) | 5.0 (127) / 1.5 (38) | |
| 14 Tilt angle, standard mast, forward / rearward | | ° | 6 / 6 | 6 / 6 | 6 / 6 | |
| 15 Length to face of forks | | in. (mm) | 100.9 (2 563) | 100.9 (2 563) | 100.9 (2 563) | |
| 16 Width, standard tires | | in. (mm) | 45.5 (1 156) | 45.5 (1 156) | 45.5 (1 156) | |
| 17 Height, standard mast lowered | | in. (mm) | 85.5 (2 172) | 85.5 (2 172) | 85.5 (2 172) | |
| 18 Height, std. mast extended, with / without LBE | | in. (mm) | 178.3 (4 554) / 155.2 (3 942) | 179.3 (4 554) / 155.2 (3 942) | 179.3 (4 554) / 155.2 (3 942) | |
| 19 Turning radius, minimum outside | | in. (mm) | 87.4 (2 220) | 87.4 (2 220) | 87.4 (2 220) | |
| 20 Length, center drive axle to face of forks | | in. (mm) | 18.5 (470) | 18.5 (470) | 18.5 (470) | |
| 22 Aisle width, (add load length for 90° stack) | | in. (mm) | 106.0 (2 692) | 106.0 (2 692) | 106.0 (2 692) | |
| PERFORMANCE | 23 Stability, (comply with ANSI)* | | YES | YES | YES | |
| | 24 Travel speed, max. forward Gas / LPG - RL | mph (km/hr.) | 11.0 (17.7) / 11.0 (17.7) | 12.0 (19.3) / 11.5 (18.5) | 11.2 (18.0) | |
| | 25 Lift speed, standard mast - NL / RL | ft/min. (m/s) | 118.0 (0.60) / 104.0 (0.53) | 125.0 (0.64) / 115.0 (0.58) | 119.7 (0.61) / 106.5 (0.54) | |
| | Optional 2-Stage FFL mast - NL / RL | ft/min. (m/s) | 107.0 (0.54) / 95.0 (0.48) | 113.0 (0.57) / 104.0 (0.52) | 107.7 (0.55) / 97.2 (0.49) | |
| | Optional 3-Stage FFL mast - NL / RL | ft/min. (m/s) | 113.0 (0.57) / 99.0 (0.50) | 119.0 (0.60) / 110.0 (0.58) | 113.7 (0.58) / 101.8 (0.52) | |
| | 26 Lowering, standard mast - NL / RL | ft/min. (m/s) | 83.0 (0.42) / 99.0 (0.50) | 83.0 (0.42) / 99.0 (0.50) | 83.0 (0.42) / 99.0 (0.50) | |
| | Optional 2-Stage FFL mast - NL / RL | ft/min. (m/s) | 83.0 (0.42) / 99.0 (0.50) | 83.0 (0.42) / 99.0 (0.50) | 83.0 (0.42) / 99.0 (0.50) | |
| | Optional 3-Stage FFL mast - NL / RL | ft/min. (m/s) | 83.0 (0.42) / 99.0 (0.50) | 83.0 (0.42) / 99.0 (0.50) | 83.0 (0.42) / 99.0 (0.50) | |
| | 7 Drawbar pull, powerlift, 1 mph | lb. (kN) | 3,200 (14.2) | 4,670 (20.8) | 3,760 (16.7) | |
| | LPG data (this line only) | lb. (kN) | 3,200 (14.2) | 4,400 (19.6) | ... | |
| 28 Gradeability, powershift, 1 mph - NL / RL | Percent | 30 / 23 | 30 / 35 | 30 / 28 | | |
| LPG data (this line only) | Percent | 30 / 23 | 30 / 33 | ... | | |
| WT. | 30 Total approximate weight, standard equipped truck | lb. (kg) | 8,565 (3 885) | 8,565 (3 885) | 8,565 (3 885) | |
| | 31 Axle loading, front / rear - static rated load | lb. (kg) | 12,141 (5 507) / 1,800 (726) | 12,141 (5 507) / 1,600 (726) | 12,196 (5 532) / 1,700 (771) | |
| WHEELS & TIRES | 32 Number of tires, front / rear | | 2 / 2 | 2 / 2 | 2 / 2 | |
| | 33 Tire size, drive tires (front) | | 7.00 x 12 - 12 PR | 7.00 x 12 - 12 PR | 7.00 x 12 - 12 PR | |
| | 34 Tire size, steer tires (rear) | | 8.00 x 9 - 10 PR | 6.00 x 9 - 10 PR | 6.00 x 9 - 10 PR | |
| | 35 Wheelbase | in. (mm) | 63.9 (1 625) | 63.9 (1 625) | 63.9 (1 625) | |
| | 36 Tread, center of tires, steer / drive | in. (mm) | 37.8 (960) / 38.1 (968) | 37.8 (960) / 38.1 (968) | 37.8 (960) / 38.1 (968) | |
| | 37 Ground clearance, lowest point - no load | in. (mm) | 5.2 (132) | 5.2 (132) | 5.2 (132) | |
| | 38 Ground clearance, center of wheelbase - no load | in. (mm) | 6.3 (160) | 6.3 (160) | 6.3 (160) | |
| | 39 Brakes, method of control, service / parking | | Hydraulic / Mechanical | Hydraulic / Mechanical | Hydraulic / Mechanical | |
| | 40 Brakes, method of operation, service / parking | | Foot / Hand | Foot / Hand | Foot / Hand | |
| | 42 Battery, volts / cold cranking amps | V / amps | 12 / 305 | 12 / 305 | 12 / 590 | |
| DRIVE TRAIN | 48 Engine, make/model | | Mazda 2.0L | GM 3.0L | Perkins 704-26 | |
| | 47 Output per SAE standards | hp (kW) | 42.0 (31) / 42.0 (31) | 62.0 (46) / 58.9 (44) | 57.6 (43) | |
| | 48 Governed speed - no load | RPM | 2,800 | 2,900 | 2,800 | |
| | 49 Cycle / number of cylinders / displacement | cu.in. (cm ³) | 4 / 4 / 122.0 (2 000) | 4 / 4 / 181.0 (2 966) | 4 / 4 / 159 (2 601) | |
| | 51 Clutch type, powershift | | Torque Converter | Torque Converter | Torque Converter | |
| | 52 Gear change type, powershift | | Monotrol pedal | Monotrol pedal | Monotrol pedal | |
| | 53 Number of speeds, forward / reverse | | 1 / 1 | 1 / 1 | 1 / 1 | |
| | 54 Transmission type | | Powershift | Powershift | Powershift | |
| | 65 Relief pressure for attachments | psi (kPa) | 2,250 (15 500) | 2,250 (15 500) | 2,250 (15 500) | |

* NOTE: Performance specifications are for truck equipped as described under Standard Equipment on the back of this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating environment. If these specifications are critical, the proposed application should be discussed with your dealer.

† CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178 (a) (2) and with Part III ANSI B56.1 in effect at the time of manufacture. Declaration of compliance with the applicable ANSI standards appears on the lift truck's nameplate which is affixed to truck when shipped complete from the factory.