HIGH CAPACITY FORKLIFT TRUCKS

H8-12KM-6

8 000 – 12 000 KG @ 600MM
5.9 Acceleration time, laden/unladen  s

5.7 Gradeability, laden / unladen

5.6 Maximum drawbar pull, laden / unladen  kN

5.2 Lift speed, laden / unladen

5.1 Travel speed, laden / unladen

4.36 Internal turning radius

4.34.2.3 Aisle width for pallets 1200 × 800 crossways with 10% operating clearance A

4.34.2.2 Aisle width for pallets 1200 × 800 crossways with 200 mm operating clearance A

4.34.2.1 Aisle width for pallets 1200 × 800 crossways without operating clearance A

4.32 Ground clearance, centre of wheelbase m

4.22 Fork dimensions ISO 2331 s/e/l (mm)

4.17 Overhang l

4.12 Coupling height h

4.7.1 Height of closed cabin without / with aircon h

4.7 Height of overhead guard

4.5 Height, mast extended h

4.4 Lift

4.2 Height, mast lowered

3.7 Tread, rear b

3.6 Tread, front b

3.5 Wheels, number front / rear (x = driven wheels)

3.1 Tyres: L = pneumatic, V = solid, SE = pneumatic-shaped solid

1.8 Load distance, centre of drive axle to fork x (mm)

1.6 Load centre distance c (mm)

1.5 Rated capacity / rated load Q (t)

1.3 Drive: electric (battery or mains), diesel, petrol, LPG

1.2 Service weight

1.1 Manufacturer

Specifications data is based on EN12053.

ADDITIONAL DATA

PERFORMANCE DATA

DISTINGUISHING MARKS

This truck conforms to the current EU requirements.

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. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster Truck.

Add 50 mm with load backrest.

Optional equipment

Stacking aisle width 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 truck.

For further information, please contact the manufacturer.

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that the mast 1/3 of the distance is kept either in direction is kept at a minimum when loads are elevated.

Operators must be trained and must read and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Hyster products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary

Weights and axle loadings and add 350 kg to the front axle loadings.

Data available on request, as values are dependent on application.

Motor: 10.1 hp, 11.4 kW

All axles

Tyres: 10.00-20 16PR

Rated power of the motors: 105 cm³
dual hydraulic variable displacement pumps

Notice: To prevent the occurrence of exhaust emissions, when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that the mast 1/3 of the distance is kept either in direction is kept at a minimum when loads are elevated.

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All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

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Lift trucks illustrated may feature optional equipment. Values may vary

with alternative configurations.

The truck conforms to the current EU requirements.
### MAST AND CAPACITY INFORMATION

**H8-12XM(S)-6 RATED CAPACITY KG @ 600 MM LOAD CENTRE**

<table>
<thead>
<tr>
<th>Load Centre (mm)</th>
<th>Load centre (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without Sideshift (kg)</td>
<td>Without Sideshift (kg)</td>
</tr>
<tr>
<td>H8XM-6</td>
<td>H9XM-6</td>
</tr>
<tr>
<td>8000</td>
<td>8000</td>
</tr>
<tr>
<td>10000</td>
<td>10000</td>
</tr>
<tr>
<td>12000</td>
<td>12000</td>
</tr>
</tbody>
</table>

**H10-12XM(S)-6 RATED CAPACITY KG @ 600 MM LOAD CENTRE**

<table>
<thead>
<tr>
<th>Load Centre (mm)</th>
<th>Load centre (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without Sideshift (kg)</td>
<td>Without Sideshift (kg)</td>
</tr>
<tr>
<td>H10XM-6</td>
<td>H11XM-6</td>
</tr>
<tr>
<td>8000</td>
<td>8000</td>
</tr>
<tr>
<td>10000</td>
<td>10000</td>
</tr>
<tr>
<td>12000</td>
<td>12000</td>
</tr>
</tbody>
</table>

**POWERTRAIN**

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine</td>
<td>Cummins QSB 4.5</td>
</tr>
<tr>
<td>Transmission</td>
<td>Hyster 6H120XMS</td>
</tr>
<tr>
<td>Battery</td>
<td>122Ah</td>
</tr>
</tbody>
</table>

**RATED CAPACITIES**

**standard Carriage**

- **Load centre** (mm)
- **Rated load (kg)**

**SIDE SHIFT CARRIAGE**

- **Load centre** (mm)
- **Rated load (kg)**

**TRUCK DIMENSIONS**

- **Load centre** (mm)
- **Distance from front of forks to centre of gravity of load.**
- **Rated load**
- **Based on vertical mast.**

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**TRUCK DIMENSIONS**

- **Load centre** (mm)
- **Distance from front of forks to centre of gravity of load.**
- **Rated load**
- **Based on vertical mast.**
## FRONT END EQUIPMENT

- Range of 2 stage NFL masts
- Range of Pin type forks
- Standard 2.350 mm Pin type carriage
- 2.350 mm Apron Pin Type carriage with Fork Positioner – Independent and Simultaneous Fork Control
- 2.350 mm Apron Pin Type Side shift carriage with Fork Positioner – Individual Fork Control

## STANDARD EQUIPMENT

- Cummins QS8 4.5 119 kW / max 122 kW
  @ 2300 - 2200 rpm Turbo Diesel Engine
- Stage IV Compliant
- ECO-eLo / HIP performance modes
- Hibernate Idle
- Cooling fan with fan clutch
- ZF WG 161 3 speed Hydrodynamic Transmission
- 2 Stage NFL Mast with maximum fork height of 3750mm
- Standard 2.350 mm Pin type carriage
- 3 Laminated Brakes
- SAUER-DANFOSS dual piston variable displacement pump 105 ccm (60 + 45 ccm)
- Axle Tech PRC 465 Drive axle with oil-immersed disc brake system
- Up to 3-way hydraulic controls with Levers and Switches combination
- Mast Tilt: 15° Forward / 16° Back
- Directional Control Lever
- Overhead Guard Featuring
  - Seat-Side Hydraulic Control
  - Multifunction Display Panel
  - Interior Wide Angle Mirrors
  - Telescoping & Tilting Steering Column
  - Floor Mat
  - Isolated Mounting for Low Noise and Vibration
  - Handrails for Operator entry and exit

## OPTIONAL EQUIPMENT

- 2 Stage NFL Masts with maximum fork heights up to 6700mm
- 2 Stage FFL Masts with maximum fork heights up to 7000mm
- 3 Stage FFL Masts with maximum fork heights up to 7000mm
- Carriages for 2 Stage NFL, 2 Stage FFL and 3 stage FFL masts
  - 2.350 mm Pin Type carriage Fork Positioner
    - Simultaneous Fork Control
  - 2.350 mm Apron Pin Type carriage Fork Positioner
    - Individual Fork Control
  - 2.350 mm Apron Pin Type Side shift carriage
  - 2.350 mm Apron Pin Type Side shift carriage with Fork Positioner – Simultaneous Fork Control
  - 2.350 mm Apron Pin Type Side shift carriage with Fork Positioner – Individual Fork Control
- Up to 6-way hydraulic controls with 4 levers 2 switches combination, with and without clamp function
- Hydraulic Control 5 function Joystick
- Mast Tilt:
  - 20.5° Forward / 10° Back
  - 9° Forward / 12° Back
- MONOTROL™ Pedal
- Tyres – Drive and Steer
  - 9.00-20 R20 MICHELIN radial
  - 9.00-20 Trelleborg Elite XP solids
  - 10.00-20 16PR Standard pneumatics
  - 10.00-20 Michelin radial
  - 10.00-20 Trelleborg Elite XP solids
  - 10.00-20 Trelleborg radial
- Front and Rear Mud Flaps
- Steer Wheel Nut Protection
- Enclosed Cab with or without Air Conditioning includes:
  - Seat-Side Hydraulic Control Levers
  - Multifunction Display Panel
  - Interior Wide Angle Mirrors
  - Telescoping & Tilting Steering Column
  - H-style Front screen Wiper
  - Floor Mat
  - Top & Rear Wipers
  - Heater
  - Re-circulation Fan

## Enclosed Cab options
- Top and rear sun shades
- Temperature controller
- Air conditioner, manual controlled
- Air conditioner, automatically controlled
- High Performance Air conditioner, manual controlled
- High Performance Air conditioner, automatically controlled
- Reading light
- Trainer seat
- IT console for on-board computer
- Storage console
- Heated top window
- H-style Front screen Wiper
- 24-12V DC/DC Converter
- Engine start interlock
- Radio preparation, inclusive wire, two speakers and antenna
- Ram top for OHG
- Wire mesh protection guard on Top of cab
- External Mirror right and left

## Seats
- Mechanical, Full Suspension Vinyl or Cloth Seat
- Pneumatic, Full Suspension Vinyl or Cloth Seat
- Deluxe Air Suspended full Suspension Cloth Seat
- Deluxe Air Suspended full Suspension Cloth Seat
- 3-point seat belt for Deluxe Seat
- Deluxe Air Suspended full Suspension Cloth Seat
- Deluxe Air Suspended full Suspension Cloth Seat

Other options available through Special Products Engineering Development (SPED).
Contact Hyster for details.
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.