



**STRONG PARTNERS.  
TOUGH TRUCKS.™**



# **HIGH CAPACITY FORKLIFT TRUCKS**

**H13-16XM-6**

**13 000 – 16 000 KG @ 600 MM**







## MAST AND CAPACITY INFORMATION

### H13-16XM-6 RATED CAPACITY KG @ 600 MM LOAD CENTRE

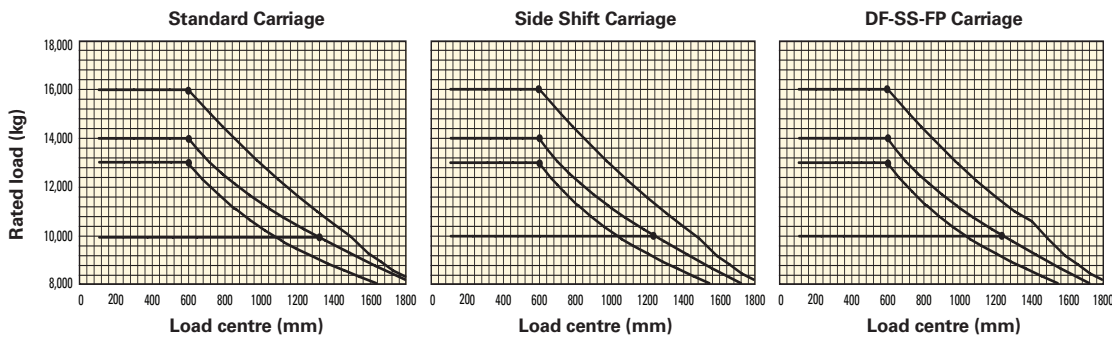
	Lift height $h_2 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (mm)	Extended height $h_4$ (mm)	Without Sideshift (kg)			With Sideshift (kg)		
					H13XM-6	H14XM-6	H16XM-6	H13XM-6	H14XM-6	H16XM-6
2 Stage NFL	3750	3641	-	5470	13 500	14 500	16 400	13 000	14 000	16 000
	4650	4091	-	6370	13 500	14 500	16 400	13 000	14 000	16 000
	5400	4466	-	7120	13 500	14 500	16 400	13 000	14 000	16 000
	6200	4866	-	7920	13 500	14 500	16 400	13 000	14 000	16 000
	6700	5116	-	8420	13 280	14 280	16 180	12 760	13 760	15 740
3 Stage FFL	4400	3070	1390	6080	12 860	13 780	15 680	12 040	12 920	14 720
	5000	3270	1590	6680	12 800	13 720	15 600	11 980	12 860	14 660
	6000	3600	1920	7680	12 420	13 320	15 200	11 620	12 480	14 260
	7000	3940	2250	8680	11 840	12 740	14 600	11 080	11 940	13 700

### H10XM-12 RATED CAPACITY KG @ 1200 MM LOAD CENTRE

	Lift height $h_2 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (mm)	Extended height $h_4$ (mm)	Without Sideshift (kg)	With Sideshift (kg)
					H10XM-12	H10XM-12
2 Stage NFL	3750	3641	-	5470	10 200	10 000
	4650	4091	-	6370	10 200	10 000
	5400	4466	-	7120	10 200	10 000
	6200	4866	-	7920	10 200	10 000
	6700	5116	-	8420	10 040	9840
3 Stage FFL	4400	3070	1390	6080	9 840	9340
	5000	3270	1590	6680	9 800	9300
	6000	3600	1920	7680	9 520	9020
	7000	3940	2250	8680	9 100	8620

Standard 2-stage NFL mast main VDI table

## RATED CAPACITIES



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

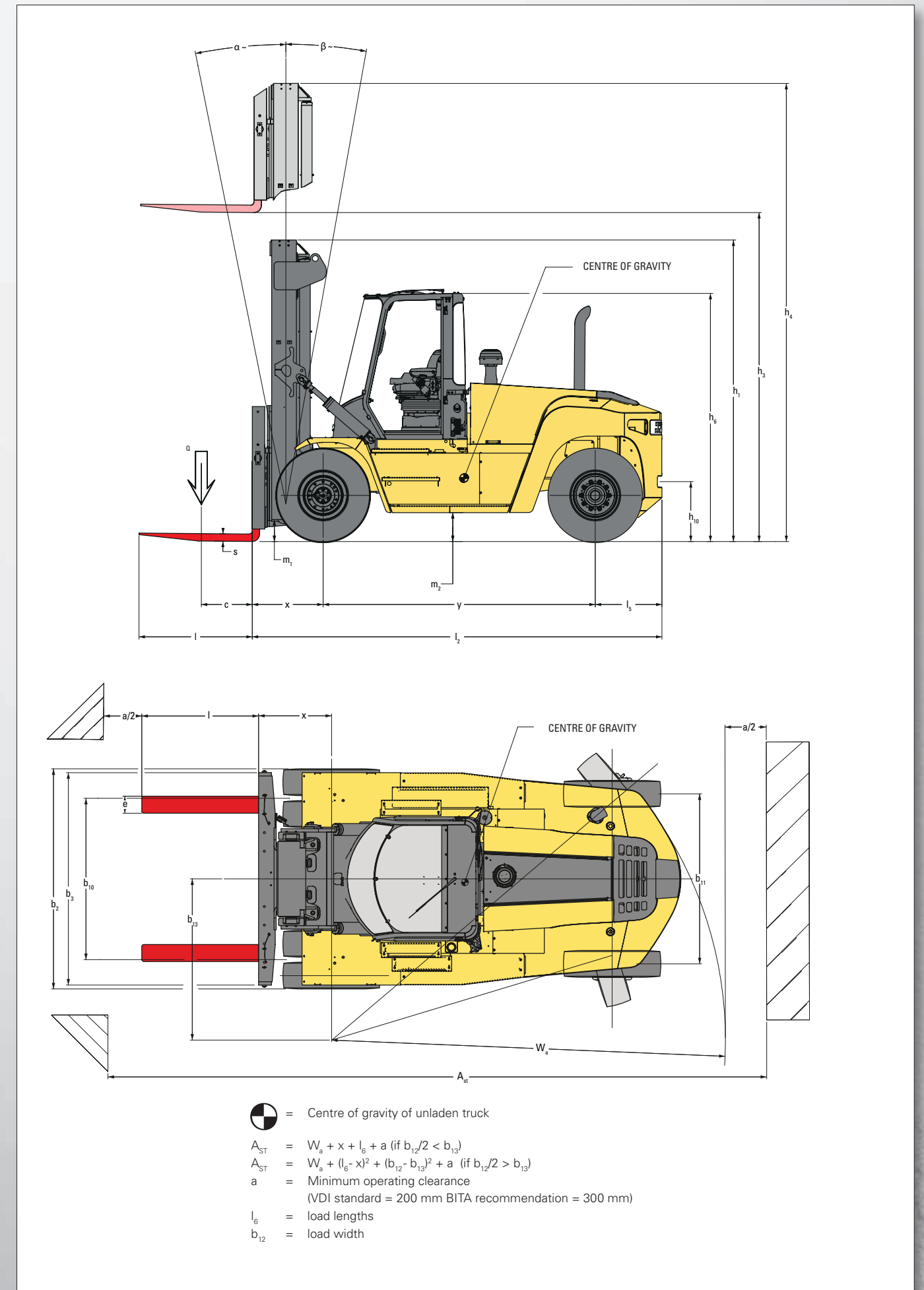
**Rated load**  
Based on vertical mast.

H16XM-6  
H14XM-6  
H13XM-6  
H10XM-12

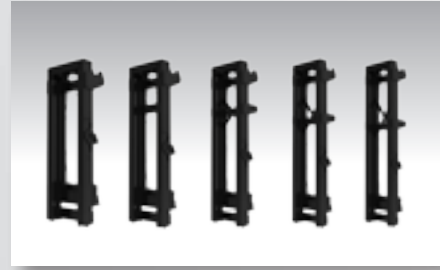
## POWERTRAINS

DISTINGUISHING MARKS	1.1	Manufacturer (abbreviation)	HYSTER	
	1.2	Manufacturer's type designation	H13-16XM-6	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Diesel	
COMBUSTION-ENGINE	7.1	Engine manufacturer / type	Cummins	QSB 6.7
	7.2	Engine power according to ISO 1585	122	2,300
	7.2.1	Max. engine power according to ISO 1585	125	2,100
	7.3	Rated speed	2,300	
	7.3.1	Torque at 1/min	732	1,500
	7.4	Number of cylinders / displacement	6	6,700
	7.8	Alternator	120	
7.10	Battery voltage / nominal capacity	24	102	
DRIVE TRAIN	8.1	Type of drive unit	Torque Converter	
	8.2	Transmission manufacturer / type	ZF	3 WG 161
	8.6	Wheel drive / drive axle manufacturer / type	Axle Tech	PRC 785
	8.11	Service brake	Oil immersed disc	
	8.12	Parking brake	Dry disc on drive axle	

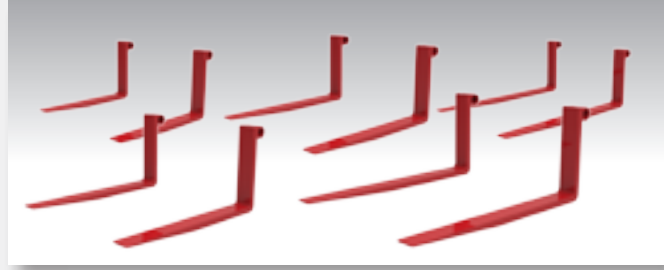
## TRUCK DIMENSIONS



## FRONT END EQUIPMENT



Range of 2 stage NFL masts



Pin type and Apron pin type forks



Standard 2.500 mm Pin type carriage



2.500 mm Pin Type carriage Fork Positioner – Simultaneous Fork Control



2.500 mm Pin Type carriage Fork Positioner – Individual Fork Control



2.500 mm Apron Pin Type Side shift carriage



2.500 mm Apron Pin Type Side shift carriage with Fork Positioner – Simultaneous Fork Control



2.500 mm Apron Pin Type Side shift carriage with Fork Positioner – Individual Fork Control

## STANDARD EQUIPMENT

- Cummins QSB 6.7 122 kW / max 125 kW @ 2.300–2.100 rpm Turbo Diesel Engine
  - Stage IV Compliant
  - ECO-eLo / HiP performance modes
  - Hibernate Idle
  - Cooling fan with fan clutch
- ZFWG 161 3 speed Hydrodynamic Transmission
- 2-Stage NFL Mast with maximum fork height of 6700 mm
- Standard 2.500 mm Pin type carriage
- Oil-immersed Brakes
- SAUER-DANFOSS dual piston variable displacement pump 120 ccm (60 + 60 ccm)
- Axle Tech PRC 785 Drive axle with oil-immersed disc brake system
- Up to 3-way hydraulic controls with Levers and Switches combination
- Mast Tilt: 15° Forward / 12° 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
- Enclosed Cab without Air Conditioning featuring:
  - Seat-Side Hydraulic Control Levers
  - Multifunction Display Panel
  - Interior Wide Angle Mirrors
  - Telescoping & Tilting Steering Column
  - I-style Front screen Wiper
  - Floor Mat
  - 24–12 V DC/DC Converter
  - Top & Rear Wipers
  - Heater
  - Re-circulation Fan
- Tyres – Drive and Steer
  - 12.00-20 20PR Trelleborg T-900 pneumatics

## STANDARD EQUIPMENT (cont.)

- Front and Rear Mud Flaps
- Steering Wheel with Spinner Knob
- Electric Horn
- Mechanical, Full Suspension Vinyl or Cloth Seat with integrated adjustable armrest and orange Hi-Vis seat belt
- Air Intake with Sy-Klone pre cleaner and Rain Cap
- High mount exhaust
- 24 V Electrical System
- 120 Amp Alternator

- Manual Tilt Operator Compartment for Service Access
- Light Kit 1:
  - LED rear cluster with stop, reverse and direction light
- LED direction and position light with hazard function
- Non-locking Fuel Cap
- Literature Package
  - Operator's Manual
- Warranty
  - 12 Months / 2,000 Hours Manufacturer's Warranty

## OPTIONAL EQUIPMENT

- 2-Stage NFL Masts with maximum fork heights up to 6700 mm
- 2-Stage FFL Masts with maximum fork heights up to 7000 mm (SPED)
- 3-Stage FFL Masts with maximum fork heights up to 7000 mm
- Carriages for 2 Stage NFL, 2 Stage FFL and 3 stage FFL masts
  - 2.500 mm Pin Type carriage Fork Positioner – Simultaneous Fork Control
  - 2.500 mm Pin Type carriage Fork Positioner – Individual Fork Control
  - 2.500 mm Apron Pin Type Side shift carriage
  - 2.500 mm Apron Pin Type Side shift carriage with Fork Positioner – Simultaneous Fork Control
  - 2.500 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 / 7° Back
  - 5° Forward / 12° Back
- MONOTROL™ Pedal
- Tyres – Drive and Steer
  - 12.00-R20 MICHELIN XZM radial
  - 12.00-20 Trelleborg Elite XP solids
  - 12.00-R20 Trelleborg Radial pneumatics
- Steer Wheel Nut Protection
- Enclosed Cab with Air Conditioning includes:
  - Seat-Side Hydraulic Control Levers
  - Multifunction Display Panel
  - Interior Wide Angle Mirrors
  - Telescoping & Tilting Steering Column
  - I-style Front screen Wiper
  - Floor Mat
  - 24–12 V DC/DC Converter
  - Top & Rear Wipers
  - Heater
  - Re-circulation Fan
- Enclosed Cab options
  - Top and rear sun shades
  - H-style Front screen Wiper
  - 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
- Engine start interlock
- Radio preparation, inclusive wire, two speakers and antenna
- Rain top for OHG
- Wire mesh protection guard on Top of cab
- External Mirror right and left
- Seats
  - Mechanical, Full Suspension High backrest Vinyl or Cloth Seat
  - Pneumatic, Full Suspension Vinyl or Cloth Seat
  - Pneumatic, Full Suspension High backrest Vinyl or Cloth Seat
  - Deluxe Air Suspended Full Suspension Cloth Seat
  - Heated Deluxe Air Suspended Full Suspension Cloth Seat
- 3-point seat belt for Deluxe Seat
- High mount Air Intake
- Powered Tilt Operator Compartment
- Lockable Battery Disconnect Switch
- Low mount exhaust
- Various Light Kits
- Amber strobe light- Ignition key and switch activated
- Self-adjustable back up Alarm volume > 5dB(A) ambient
- Hydraulic Accumulator
- Lockable diesel fuel cap
- Lifting eye shackles
- Engine Block Heater (230V)
- Traction Speed Limiter
- Automatic Engine Shutdown
- Hydraulic temperature protection
- Pressure compensated lowering
- Hyster Tracker Wireless Asset Management system

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



# 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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