

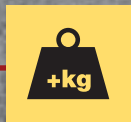


**STRONG PARTNERS.
TOUGH TRUCKS.™**

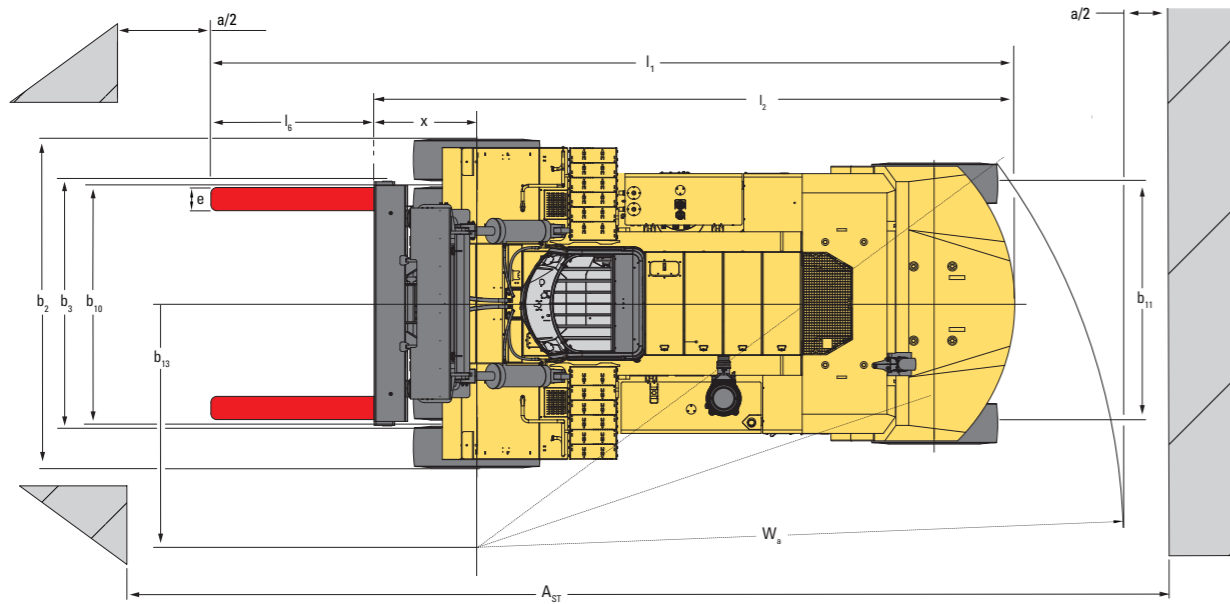
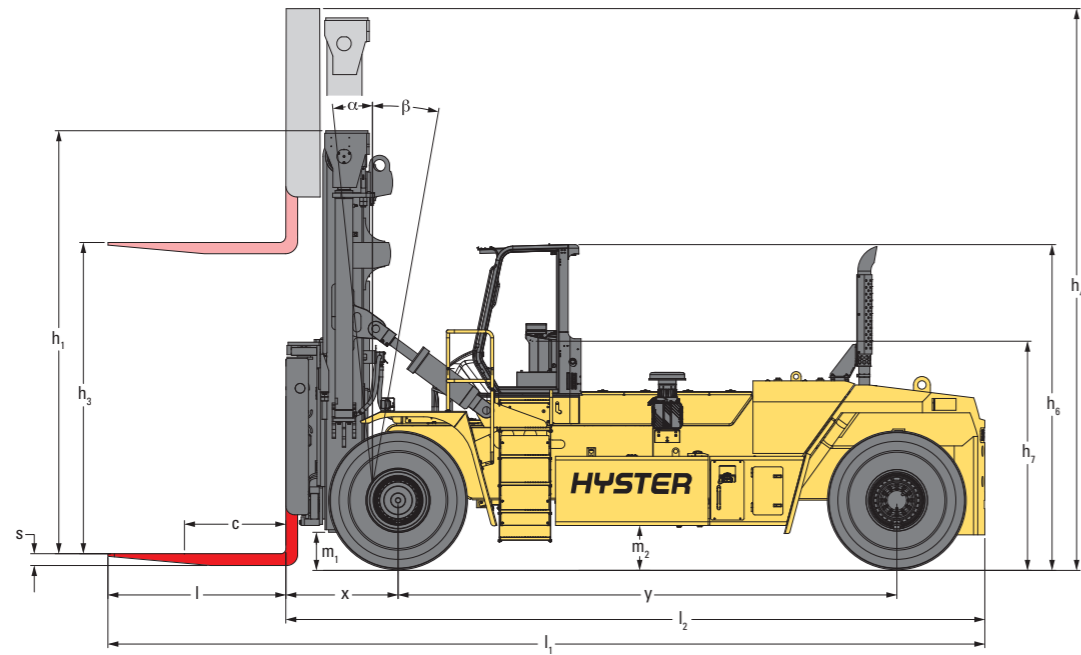
HIGH CAPACITY FORKLIFT TRUCKS

H36-48XM(S)-12

36 000 - 48 000 KG @ 1200MM



TRUCK DIMENSIONS



- Ast = $W_s + x + b + a$ (see line 4.34.1 & 4.34.2)
- a = Minimum operating clearance
(VDI standard = 200 mm
BITA recommendation = 300 mm)
- b = Load Length

POWERTRAINS

1.1	Manufacturer (abbreviation)	
1.2	Manufacturer's type designation	
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	

HYSTER	
H36-48XM(S)-12	
Diesel	

POWER UNIT	7.1	Engine manufacturer / type	
	7.2	Engine output according to ISO 1585	kW / min ⁻¹
	7.2.1	Max engine output according to ISO 1585	kW / min ⁻¹
	7.3	Rated speed	min ⁻¹
	7.3.1	Torque at 1/min	Nm / min ⁻¹
	7.4	Number of cylinders / displacement	(-)/cm ³
	7.5	Fuel consumption in accordance to VDI	l/h
	7.8	Alternator	A
	7.10	Battery voltage/nominal capacity	(V)/(Ah)

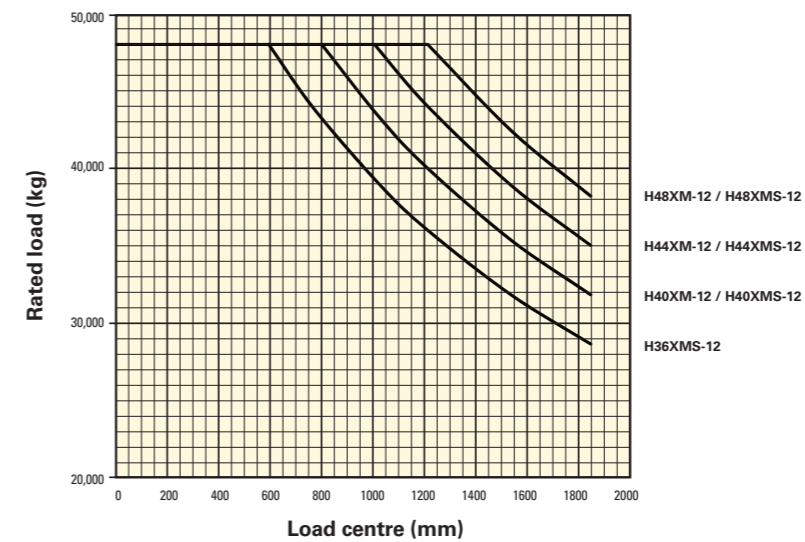
Cummins	QSL9
261	2,100
283	1,900
2,100	
1,627	1,500
6	8,900
On Request	
120	
24	120

DRIVE TRAIN	8.1	Type of drive unit	
	8.2	Transmission manufacturer/type	
	8.6	Wheel drive/drive axle manufacturer/type	
	8.11	Service brake	
	8.12	Parking brake	

Torque Converter	
Dana S.O.H TE 32	
KESSLER D102PL341/528	
Oil immersed disc	
Dry disc on drive axle	

CAPACITY RATINGS

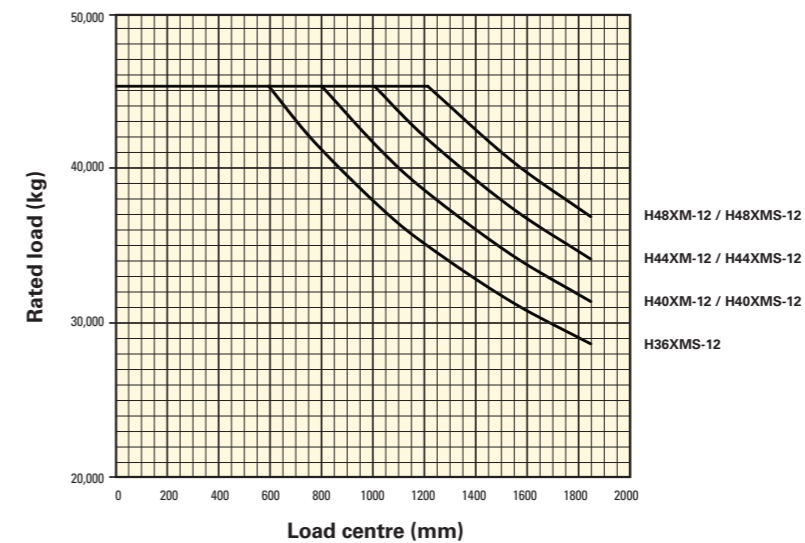
PIN TYPE CARRIAGE



Ratings are for the basic truck equipped with mast 7010 mm lift height (BOF), standard carriage and forks. Only applicable for 18.00 - 25 tyres.

The ratings are computed using fork lengths as follows:
0 to 1200 mm Load centre
2440 mm Fork length

PIN TYPE SIDE SHIFT FRAME CARRIAGE WITH INDEPENDENT FORK POSITIONER



Ratings are for the basic truck equipped with mast 7010 mm lift height (BOF), standard carriage and forks. Only applicable for 18.00 - 25 tyres.

The ratings are computed using fork lengths as follows:
0 to 1200 mm Load centre
2440 mm Fork length

MAST AND CAPACITY INFORMATION

H36XMS-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	36,280	6 / 10	34,340
	7,150	6,554	0	10,059	6 / 10	36,100	6 / 10	33,890
	8,647	7,316	0	11,583	6 / 10	35,120	6 / 10	32,970
	9,284	7,621	0	12,193	6 / 10	34,720	6 / 10	32,590
	9,894	7,926	0	12,803	6 / 10	34,310	6 / 10	32,180

H40XMS-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	40,820	6 / 10	39,000
	7,150	6,554	0	10,059	6 / 10	40,820	6 / 10	38,550
	8,647	7,316	0	11,583	6 / 10	40,620	6 / 10	38,280
	9,284	7,621	0	12,193	6 / 10	40,200	6 / 10	37,870
	9,894	7,926	0	12,803	6 / 10	39,750	6 / 10	37,460

H44XMS-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	44,000	6 / 10	41,980
	7,150	6,554	0	10,059	6 / 10	44,000	6 / 10	41,530
	8,647	7,316	0	11,583	6 / 10	43,700	6 / 10	41,260
	9,284	7,621	0	12,193	6 / 10	43,600	6 / 10	41,160
	9,894	7,926	0	12,803	6 / 10	43,150	6 / 10	40,730

H48XMS-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	48,070	6 / 10	46,560
	7,150	6,554	0	10,059	6 / 10	48,070	6 / 10	46,110
	8,647	7,316	0	11,583	6 / 10	48,070	6 / 10	45,840
	9,284	7,621	0	12,193	6 / 10	48,070	6 / 10	45,740
	9,894	7,926	0	12,803	6 / 10	47,710	6 / 10	45,310

H40XM-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	40,000	6 / 10	38,350
	7,150	6,554	0	10,059	6 / 10	40,000	6 / 10	37,900
	8,647	7,316	0	11,583	6 / 10	40,000	6 / 10	37,600
	9,284	7,621	0	12,193	6 / 10	39,600	6 / 10	37,200
	9,894	7,926	0	12,803	6 / 10	39,250	6 / 10	36,750

H44XM-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	44,000	6 / 10	42,500
	7,150	6,554	0	10,059	6 / 10	44,000	6 / 10	42,000
	8,647	7,316	0	11,583	6 / 10	44,000	6 / 10	41,750
	9,284	7,621	0	12,193	6 / 10	44,000	6 / 10	41,650
	9,894	7,926	0	12,803	6 / 10	43,600	6 / 10	41,200

H48XM-12 CAPACITIES @ 1,200mm load centre

Mast	Lift height h ₁ (+s) (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₁ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt forward / backward (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	4,407	5,183	0	7,316	6 / 10	48,000	6 / 10	46,200
	7,150	6,554	0	10,059	6 / 10	48,000	6 / 10	45,750
	8,647	7,316	0	11,583	6 / 10	48,000	6 / 10	45,450
	9,284	7,621	0	12,193	6 / 10	48,000	6 / 10	45,350
	9,894	7,926	0	12,803	6 / 10	47,650	6 / 10	44,900

FRONT END EQUIPMENT



Range of 2 stage NFL masts



Quick disconnect Pin Type forks



3150mm wide Pin Type carriage with independent Fork Positioner for Quick Disconnect forks



3150mm wide Pin Type Side Shift frame carriage with independent Fork Positioner for Quick Disconnect forks

STANDARD EQUIPMENT

- Cummins QSL9 8.9L 261 / max 283 KW @ 1.900rpm Turbo Diesel Engine
 - Stage IV Compliant
 - ECO-eLo / HiP performance modes
 - Hibernate Idle
 - Hydraulically driven cooling fan
- DANA S.O.H. TE 32, 4-speed auto-shifting transmission with APC200 shift controller
- 4267mm maximum fork height 2-stage NFL mast with 5160mm lowered height
- 3.150 mm wide Standard Carriage with Fork Positioning
- 2440mm long forks (300 x 140mm section)
- Seat side hydraulic control
- Integrated heavy duty air intake pre-cleaner with dual element filter pressure
- Kessler D102 PL 341/528 NLB planetary drive axle with wet disc brakes
- Powertrain protection system for engine and transmission, high temperature or low oil
- 764 Litre diesel tank
- 625 Litre hydraulic tank
- 57 Litre DEF tank
- CANbus electrical control system for engine, transmission and hydraulics
- 18.00 - 25 40PR bias pneumatic drive and steer tyres
- Directional control lever with direction change interlock system
- Mast tilt: 6° forward/10° backward
- Enclosed cabin module with:
 - Seat side lever hydraulic control
 - Multifunction display panel
 - Interior wide angle mirrors
 - Recirculation fan
 - Telescoping and tilting steering column
 - Steering wheel with spinner knob
 - Floor mat
 - Isolated mounting for low noise and vibration
 - Front, top and rear wipers
 - Heater
- Mechanical, Full Suspension Vinyl or Cloth Seat with integrated adjustable armrest and orange Hi-Vis seat belt
- Operator restraint system
- Operator presence system
- Electric air horn (112 dBA)
- 24V electrical system
- Halogen light kit includes 6 forward facing and 2 rearward facing lights
- Visible alarm - amber strobe light - key switch activated
- Audible alarm - reverse direction activated
- Non-lockable diesel fuel cab
- Lockable battery disconnect switch
- Steer wheel lug protection
- Chain anchor protection
- Operator's manual
- Removable, lightweight deck plates allow access to complete engine compartment for ease of service.

OPTIONAL EQUIPMENT

- DANA S.O.H. TE 27, 4-speed auto-shifting transmission with APC200 shift controller
 - Masts - various lift heights
 - 3.150 mm wide Side shift frame carriage with Fork Positioning - Individual Fork Control
 - Pin Type Quick Disconnect forks with cross-section 110 x 140 mm for container forklift pockets
 - Multi-function joystick
 - Tyres
 - 18.00 - R25 Radial tyres
 - 18.00 - R25 Slick radial tyres
 - 18.00 - 25 40PR Slick tyres
 - Cab options
 - Air conditioner, manual controlled
 - Air conditioner, automatically controlled
 - High Performance Air conditioner, manual controlled
 - High Performance Air conditioner, automatically controlled
 - Reading light
 - Top and rear sun shades
 - Trainer seat
 - Recirculation fan
 - IT console for on-board computer
 - Rear locking console
 - Heated top Window
 - Engine start interlock
 - Radio preparation, inclusive wire, two speakers and antenna
 - 24-12V DC converter
 - Wire mesh protection guard on top of cab
 - External Mirror right and left, cab mounted
 - 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 high-visibility seat belts
 - High Intensity Discharge (HID) xenon lighting
 - Engine pre-heater 1.500 W / 230 Volt AC
 - NATO Start aid connector (24V)
 - Mast tilt indicator
 - Traction speed limiter
- Hyster Tracker Wireless Asset Management system
- Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.

STRONG PARTNERS. TOUGH TRUCKS.™

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