



**STRONG PARTNERS.
TOUGH TRUCKS."**



HIGH CAPACITY FORKLIFT TRUCKS

**H25XMS-9, H30XMS-9, H32XMS-9
25.000 – 32.000 kg @ 900 mm**

**H25XM-12, H28XM-12, H30XM-12, H32XM-12
25.000 – 32.000 kg @ 1200 mm**



<http://www.keiyou.net>

H25-32XM(S)-12

DISTINGUISHING MARKS	1.1	Manufacturer (abbreviation)
	1.2	Manufacturer's type designation
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker
	1.5	Rated capacity / rated loadQ (t)
	1.6	Load centre distancec (mm)
	1.8	Load distance, centre of drive axle to forkx (mm)
	1.9	Wheelbasey (mm)

WEIGHTS	2.1	Service weight ●	kg
	2.2	Axle loading, laden front / rear	kg
	2.3	Axle loading, unladen front / rear	kg

TYRES & CHASSIS	3.1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid
	3.2	Tyres size, front
	3.3	Tyres size, rear
	3.5	Wheels, number front / rear (x = driven wheels)
	3.6	Tread, frontb ₁₀ (mm)
	3.7	Tread, rearb ₁₁ (mm)

DIMENSIONS	4.1	Tilt of mast, forward / backward	α / β (°)
	4.2	Height, mast lowered ◯	h ₁ (mm)
	4.3	Free lift	h ₂ (mm)
	4.4	Lift ¶ **	h ₂ (mm)
	4.5	Height, mast extended	h ₁ (mm)
	4.7	Cab height (open cab) ***	h ₆ (mm)
	4.7.1	Height of overhead guard (closed cab)	h ₆ (mm)
	4.7.2	Height of overhead guard (closed cab w/ airco)	h ₆ (mm)
	4.7.3	Height of overhead guard (closed cab w/ strobe light)	h ₆ (mm)
	4.7.4	Height of overhead guard (closed cab w/ work lights)	h ₆ (mm)
	4.7.5	Height of overhead guard (closed cab w/ airco & strobe light)	h ₆ (mm)
	4.8	Seat height relating to SIP ●	h ₁₀ (mm)
	4.12	Coupling height	h ₁₀ (mm)
	4.19	Overall length	l ₁ (mm)
	4.20	Length to face of forks	l ₁ (mm)
	4.21.2	Overall width across all	b ₁ (mm)
	4.22	Fork dimensions ISO 2331	s/e/l (mm)
	4.23	Fork carriage type	
	4.24	Fork carriage width	b ₂ (mm)
	4.25	Distance over fork arms, minimum / maximum	b ₂ (mm)
	4.25.1	Distance over fork arms, minimum / maximum	b ₂ (mm)
	4.30	Sideshift @ width over forks	b ₂ (mm)
	4.31	Ground clearance, laden, below mast	m ₁ (mm)
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)
	4.33.1	Load dimension b ₁₂ × l ₄ crossways	b ₁₂ × l ₄ (mm)
	4.34.1.1	Aisle width for pallets 1830 × 1830 crossways without operating clearance	Ast (mm)
	4.34.1.2	Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance	Ast (mm)
	4.34.1.3	Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance	Ast (mm)
	4.33.2	Load dimension b ₁₂ × l ₄ crossways	b ₁₂ × l ₄ (mm)
	4.34.2.1	Aisle width for pallets 2440 × 2440 crossways without operating clearance	Ast (mm)
	4.34.2.2	Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance	Ast (mm)
	4.34.2.3	Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance	Ast (mm)
	4.35	Turning radius	Wa (mm)
	4.36	Internal turning radius ●	b ₁₃ (mm)

PERFORMANCE DATA	5.1	Travel speed, laden / unladen	km/h
	5.2	Lift speed, laden / unladen	m/s
	5.2.1	Lift speed, laden with 70% load	m/s
	5.3	Lowering speed, laden / unladen	m/s
	5.5	Drawbar pull, laden / unladen *	kN
	5.5.1	Drawbar pull, laden / unladen ✱	kN
	5.7	Gradeability, laden / unladen ✱ †	%
	5.7.1	Gradeability, laden / unladen ✱ †	%

ADDITIONAL DATA	10.1	Working pressure for attachments	bar
	10.2	Oil volume for attachments	l/min
	10.3	Hydraulic oil tank, capacity	l
	10.4	Fuel tank, capacity	l
	10.5	Steering design	
	10.6	Number of steering rotation	
	10.7	Sound pressure level at the driver's seat LpAZ ✱	dB (A)
	10.7.1	Sound power level during the workcycle LwAZ	
	10.8	Towing coupling, type DIN	

HYSTER		HYSTER	
H25XMS-9		H25XM-12	
Diesel		Diesel	
seat		seat	
25	22	25	
900	1200	1,200	
1,189		1,189	
3,655		4,315	

37,051		37,473	
57,869	4,182	57,511	4,962
18,580	18,471	18,670	18,804

L		L	
14.00 - 24 28PR		14.00 - 24 28PR	
14.00 - 24 28PR		14.00 - 24 28PR	
x 4	2	x 4	2
2,279		2,279	
2,381		2,381	

6		10		6		10			
4,099				4,099					
0				0					
4,265				4,265					
6,231				6,231					
3,370				3,370					
3,406				3,406					
3,439				3,439					
3,538				3,538					
3,597				3,597					
3,612				3,612					
2,237				2,237					
935				935					
8,321				8,981					
5,881				6,541					
3,220				3,220					
105		280		105		280		2,440	
Dual Function Sideshift & Fork Positioning Hook type				Dual Function Sideshift & Fork Positioning Hook type					
3,040				3,040					
1,430				1,430				2,970	
880				880				2,420	
+/-385				+/-385				2,200	
219				219					
406				406					
1,800				1,800				1,800	
8,315				9,174					
8,515				9,374					
9,147				10,091					
2,400				2,400				2,400	
8,915				9,774					
9,115				9,974					
9,807				10,751					
5,326				6,185					
2,040				2,589					

25	25	25	25
0.33	0.35	0.33	0.359
0.34		0.34	
0.50	0.50	0.50	0.50
197	201	197	201
239	243	239	243
34	34	34	35
43	34	42	35

225	225
100	100
237	274
304	364
Hydraulic power steering	
6	6
TBD	TBD
TBD	TBD
Yes / Pin	

HYSTER		HYSTER		HYSTER		HYSTER		HYSTER		1.1
H28XM-12		H30XMS-9		H30XM-12		H32XMS-9		H32XM-12		1.2
Diesel		Diesel		Diesel		Diesel		Diesel		1.3
seat		seat		seat		seat		seat		1.4
28		29.70		30		31.95		32		1.5
1,200		900		1,200		900		1,200		1.6
1,274		1,274		1,274		1,274		1,274		1.8
4,315		3,935		4,315		3,935		4,825		1.9

44,688		44,439		45,383		45,049		44,919		2.1
66,910	5,778	68,971	5,168	70,133	5,251	72,512	4,487	71,254	5,665	2.2
22,857	21,832	22,862	21,577	22,932	22,451	22,910	22,139	22,847	22,073	2.3

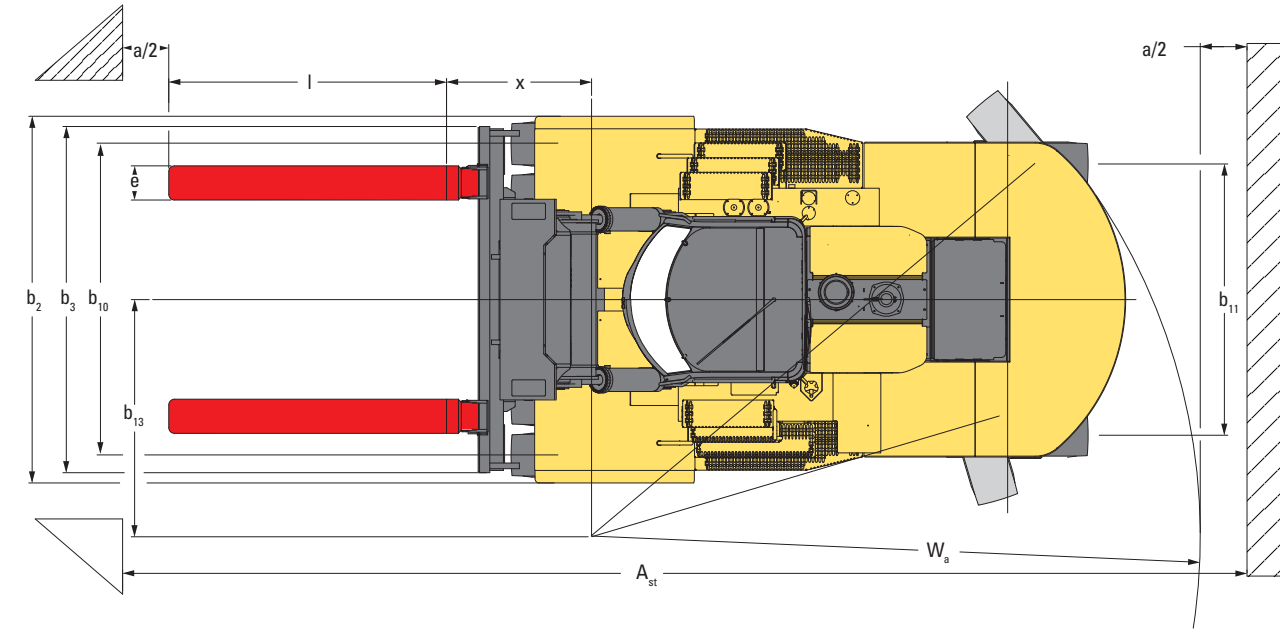
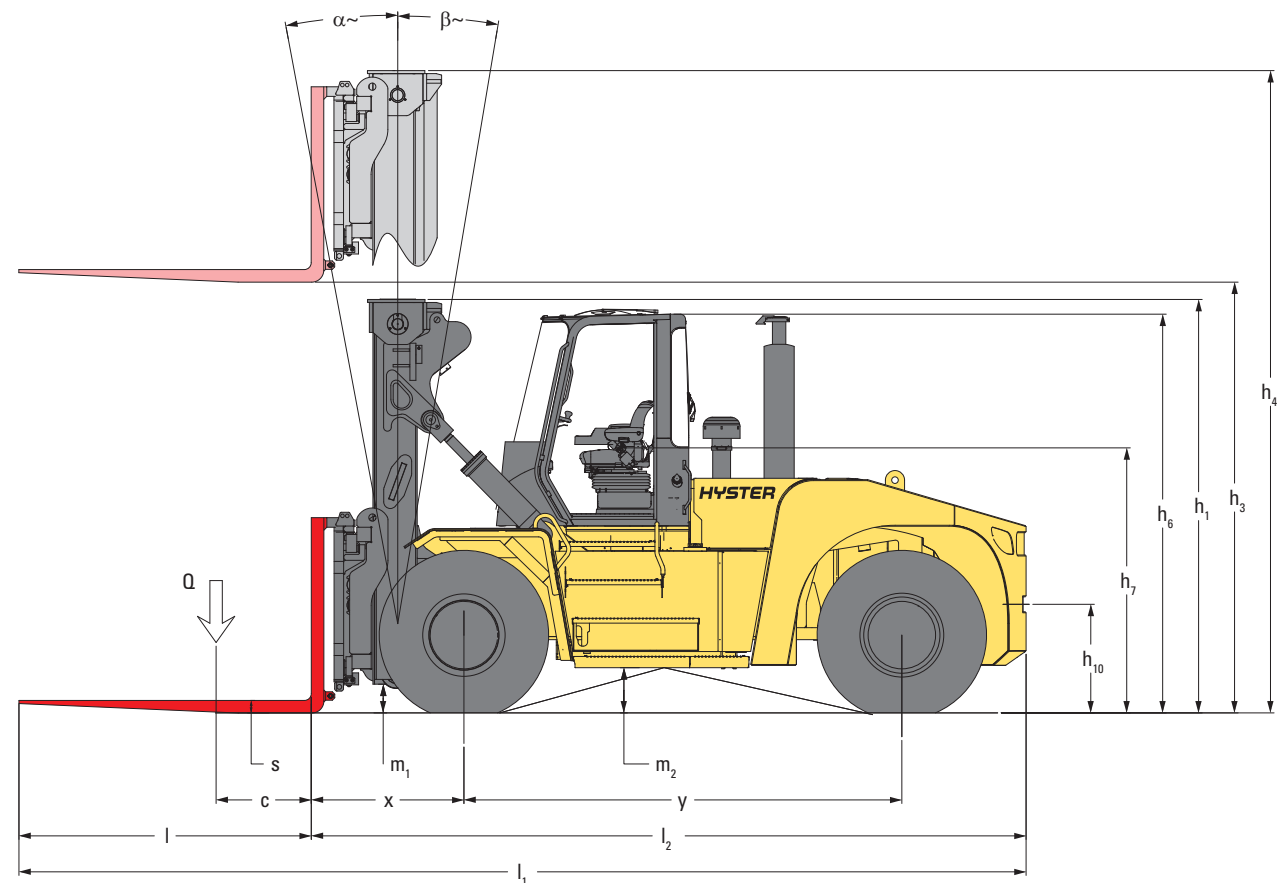
L		L		L		L		L		3.1
16.00 - 25 32PR		16.00 - 25 32PR		16.00 - 25 32PR		16.00 - 25 32PR		16.00 - 25 32PR		3.2
16.00 - 25 32PR		16.00 - 25 32PR		16.00 - 25 32PR		16.00 - 25 32PR		16.00 - 25 32PR		3.3
x 4	2	x 4	2	x 4	2	x 4	2	x 4	2	3.5
2,424		2,424		2,424		2,424		2,424		3.6
2,338		2,338		2,338		2,338		2,338		3.7

6			10			6			10			6			10			4.1		
4,224			4,224			4,224			4,224			4,224			4,224			4.2		
0			0			0			0			0			0			4.3		
4,265			4,265			4,265			4,265			4,265			4,265			4.4		
6,356			6,356			6,356			6,356			6,356			6,356			4.5		
3,466			3,466			3,466			3,466			3,466			3,466			4.7		
3,502			3,502			3,502			3,502			3,502			3,502			4.7.1		
3,535			3,535			3,535			3,535			3,535			3,535			4.7.2		
3,634			3,634			3,634			3,634			3,634			3,634			4.7.3		
3,693			3,693			3,693			3,693			3,693			3,693			4.7.4		
3,708			3,708			3,708			3,708			3,708			3,708			4.7.5		
2,333			2,333			2,333			2,333			2,333			2,333			4.8		
1,031			1,031			1,031			1,031			1,031			1,031			4.12		
9,066			8,686			9,066			8,686			8,686			9,576			4.19		
6,626			6,246			6,626			6,246			6,246			7,136			4.20		
3,430			3,430			3,430			3,430			3,430			3,430			4.21.2		
105	300	2,440	105	300	2,440	105	300	2,440	105	300	2,440	105	300	2,440	105	300	2,440	4.22		
Dual Function Sideshift & Fork Positioning Hook type			Dual Function Sideshift & Fork Positioning Hook type			Dual Function Sideshift & Fork Positioning Hook type			Dual Function Sideshift & Fork Positioning Hook type			Dual Function Sideshift & Fork Positioning Hook type			Dual Function Sideshift & Fork Positioning Hook type			4.23		
3,200			3,200			3,200			3,200			3,200			3,200			4.24		
1,480		3,140	1,480		3,140	1,480		3,140	1,480		3,140	1,480		3,140	1,480		3,140	4.25		
930		2,590	930		2,590	930		2,590	930		2,590	930		2,590	930		2,590	4.25.1		
+/-415		2,310	+/-415		2,310	+/-415		2,310	+/-415		2,310	+/-415		2,310	+/-415		2,310	4.30		
227			227			227			227			227			227			4.31		
502			502			502			502			502			502			4.32		
1,800			1,800			1,800			1,800			1,800			1,800			4.33.1		
9,259			8,765			9,259			8,765			8,765			9,922			4.34.1.1		
9,459			8,965			9,459			8,965			8,965			10,122			4.34.1.2		
10,185			9,642			10,185			9,642			9,642			10,914			4.34.1.3		
2,400		2,400	2,400		2,400	2,400		2,400	2,400		2,400	2,400		2,400	2,400		2,400	4.33.2		
9,859			9,365			9,859			9,365			9,365			10,522			4.34.2.1		
10,059			9,565			10,059			9,565			9,565			10,722			4.34.2.2		
10,845			10,302			10,845			10,302			10,302			11,574			4.34.2.3		
6,185			5,691			6,185			5,691			5,691			6,848			4.35		
2,589			2,273			2,589			2,273			2,273			3,013			4.36		

DIMENSIONS

TRUCK DIMENSIONS

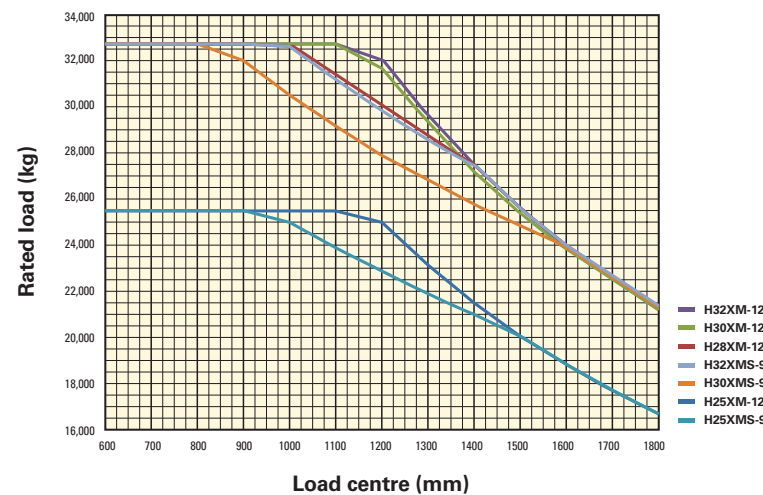
FORK LIFT TRUCKS



CG = Centre of gravity of unladen truck
 $A_{ST} = W_0 + x + l_0 + a$ (If $b_{12}/2 < b_{13}$)
 $A_{ST} = W_0 + (l_0 - x)^2 + (b_{12} - b_{13})^2 + a$ (If $b_{12}/2 > b_{13}$)
 a = Minimum operating clearance = 10% of A_{ST}
(VDI standard = 200 mm, BITA recommendation = 300 mm)
 l_0 = Load length
 b_{12} = Load width

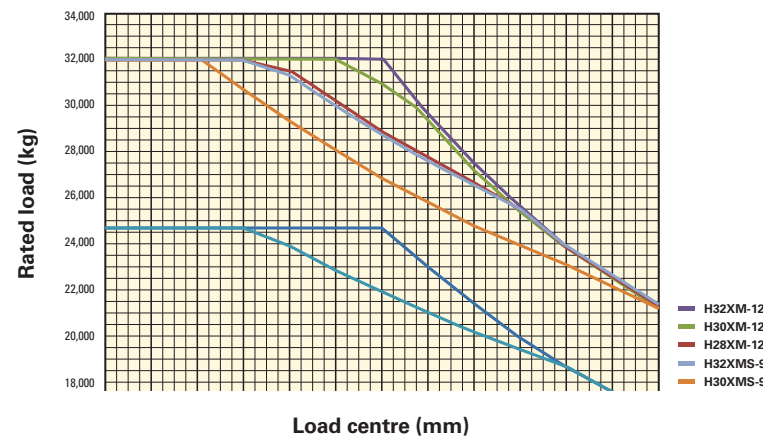
CAPACITY RATINGS

STANDARD PIN TYPE CARRIAGE



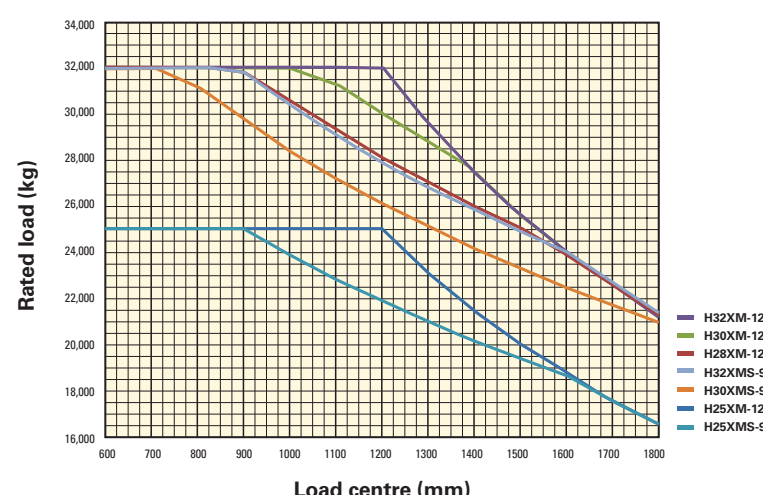
Load centre: Distance from front of forks to centre of gravity of load.
Rated Load: Based on 2 stage NFL mast 6095 mm lift height Standard pin type carriage with 105 x 280 x 2440 forks on H25XM models and 105 x 300 x 2440 forks on H28-32XM models.

SIDESHIFT PIN TYPE CARRIAGE



Load centre: Distance from front of forks to centre of gravity of load.
Rated Load: Based on 2 stage NFL mast 6095 mm lift height Sideshift pin type carriage with 105 x 280 x 2440 forks on H25XM models and 105 x 300 x 2440 forks on H28-32XM models.

DF-SS-FP CARRIAGE



Load centre: Distance from front of forks to centre of gravity of load.
Rated Load: Based on 2 stage NFL mast 6095 mm lift height DF-SS-FP carriage with 105 x 280 x 2440 forks on H25XM models and 105 x 300 x 2440 forks on H28-32XM models.

EQUIPMENT AND WEIGHT
FORK LIFT TRUCKS:

● Weights (line 2.1) are based on the following specifications: Complete truck with Pneumatic tyres, 4265 mm BOF (4370 mm TOF) 2-Stage Vista Mast, Dual-function Sideshift-forkpositioners carriage and Hook-type forks 2440 mm long.

NOTES:
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.

- Unladen with new tyres
- ⌋ Bottom of forks
- Full suspension seat in depressed position
- ≡ Length without carriage / spreader
- ‡ Forks in alternative position
- ⊙ Distance centre truck to centre of internal turning radius
- * at 1.6 km/h.
- ✱ at stall.
- † Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.
- * Measured according to the test cycles and based on the weighting values contained in EN12053.

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 the mast tilt in either direction is kept to a minimum when loads are elevated.

Operators must be trained and must read, understand 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 with alternative configurations.

CE Safety: This truck conforms to the current EU requirements.

<http://www.keiyou.net>

MAST AND CAPACITY INFORMATION

Mono Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Integrated Coil ram with +/-250 mm side shift		Pin Type Side Shift carriage mounted coil ram	
					Capacity @ 1 200 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Mast tilt fwd/bwd (deg.)
H25XMS-9	2,745	5,169	2,745	5,169	30,000	6 / 10	25,000	6 / 10
H25XM-12	2,745	5,169	2,745	5,169	30,000	6 / 10	25,000	6 / 10
H28XM-12	2,745	5,265	2,745	5,265	36,000	6 / 10	32,000	6 / 10
H30XMS-9	2,745	5,265	2,745	5,265	36,000	6 / 10	32,000	6 / 10
H32XMS-9	2,745	5,265	2,745	5,265	36,000	6 / 10	32,000	6 / 10
H32XM-12	2,745	5,265	2,745	5,265	36,000	6 / 10	32,000	6 / 10

H25XMS-9 CAPACITIES @ 900 MM AND @ 1200 MM

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	3,155	3,491	0	5,016	25,000	6 / 10	22,700	25,000	6 / 10	22,700
	3,760	3,794	0	5,621	25,000	6 / 10	22,640	25,000	6 / 10	22,640
	4,370	4,099	0	6,231	25,000	6 / 10	22,600	25,000	6 / 10	22,600
	4,980	4,404	0	6,841	25,000	6 / 10	22,540	25,000	6 / 10	22,540
	6,200	5,014	0	8,061	25,000	6 / 10	22,400	25,000	6 / 10	22,400
	9,250	6,539	0	11,111	23,720	6 / 6	21,000	20,520 ◆	6 / 6	21,000 ◆

H25XMS-12 – CAPACITIES @ 1200 MM

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	3,155	3,491	0	5,016	-	6 / 10	25,000	-	6 / 10	25,000
	3,760	3,794	0	5,621	-	6 / 10	25,000	-	6 / 10	25,000
	4,370	4,099	0	6,231	-	6 / 10	25,000	-	6 / 10	25,000
	4,980	4,404	0	6,841	-	6 / 10	25,000	-	6 / 10	25,000
	6,200	5,014	0	8,061	-	6 / 10	25,000	-	6 / 10	25,000
	9,250	6,539	0	11,111	-	6 / 6	23,720	-	6 / 6	20,300 ◆

H28XM-12 – CAPACITIES @ 900 MM AND @ 1200 MM

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	2,850	3,464	0	4,836	31,860	6 / 10	28,000	31,860	6 / 10	28,000
	3,155	3,616	0	5,141	31,860	6 / 10	28,000	31,860	6 / 10	28,000
	3,760	3,919	0	5,746	31,860	6 / 10	28,000	31,860	6 / 10	28,000
	4,370	4,224	0	6,356	31,860	6 / 10	28,000	31,860	6 / 10	28,000
	6,200	5,139	0	8,186	31,860	6 / 10	28,000	31,860	6 / 10	28,000
	6,810	5,444	0	8,716	31,700	6 / 10	27,860	31,700	6 / 10	27,860
	9,250	7,174	0	11,746	30,920	6 / 6	27,180	30,920 ◆	6 / 6	27,180 ◆
	9,860	7,479	0	12,356	30,600	6 / 6	26,900	29,660 ◆	6 / 6	26,900 ◆

NOTES

FORKLIFT TRUCKS

Capacities are valid for complete trucks with Pneumatic tyres, 2-Stage Vista mast with lift height as specified, Dual-function Hook-type Sideshift-Forkpositioning carriage and Quick-disconnect Hook-type forks 2440 mm long.

- ◆ Carriage with ZERO IN-TO-IN fork positioning not recommended in combination with lift heights above 6200 mm

MAST AND CAPACITY INFORMATION

H30XM-9 – Capacities @ 900 mm and @ 1200 mm

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	2,850	3,464	0	4,836	30,000	6 / 10	27,000	30,000	6 / 10	27,000
	3,155	3,616	0	5,141	30,000	6 / 10	27,000	30,000	6 / 10	27,000
	3,760	3,919	0	5,746	30,000	6 / 10	26,940	30,000	6 / 10	26,940
	4,370	4,224	0	6,356	30,000	6 / 10	26,880	30,000	6 / 10	26,880
	6,200	5,139	0	8,186	30,000	6 / 10	26,620	30,000	6 / 10	26,620
	6,810	5,444	0	8,716	29,840	6 / 10	26,420	29,840 ◆	6 / 10	26,420 ◆
	9,250	7,174	0	11,746	28,880	6 / 6	25,360	28,880 ◆	6 / 6	25,360 ◆
	9,860	7,479	0	12,356	28,580	6 / 6	25,120	28,580 ◆	6 / 6	25,120 ◆

H30XM-12 – Capacities @ 900 mm and @ 1200 mm

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	2,850	3,464	0	4,836	32,000	6 / 10	30,000	32,000	6 / 10	30,000
	3,155	3,616	0	5,141	32,000	6 / 10	30,000	32,000	6 / 10	30,000
	3,760	3,919	0	5,746	32,000	6 / 10	30,000	32,000	6 / 10	30,000
	4,370	4,224	0	6,356	32,000	6 / 10	30,000	32,000	6 / 10	30,000
	6,200	5,139	0	8,186	32,000	6 / 10	30,000	32,000	6 / 10	30,000
	6,810	5,444	0	8,716	31,840	6 / 10	29,840	31,840	6 / 10	29,840
	9,250	7,174	0	11,746	31,100	6 / 6	29,000	31,100 ◆	6 / 6	29,000 ◆
	9,860	7,479	0	12,356	30,880	6 / 6	29,680	29,840 ◆	6 / 6	28,720 ◆

H32XM-9 – CAPACITIES @ 900 MM AND @ 1200 MM

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	2,850	3,464	0	4,836	32,000	6 / 10	28,680	32,000	6 / 10	28,680
	3,155	3,616	0	5,141	32,000	6 / 10	28,640	32,000	6 / 10	28,640
	3,760	3,919	0	5,746	32,000	6 / 10	28,560	32,000	6 / 10	28,560
	4,370	4,224	0	6,356	32,000	6 / 10	28,500	32,000	6 / 10	28,500
	6,200	5,139	0	8,186	32,000	6 / 10	28,240	32,000	6 / 10	28,240
	6,810	5,444	0	8,716	31,840	6 / 10	28,040	31,840	6 / 10	28,040
	9,250	7,174	0	11,746	30,020	6 / 6	26,360	30,020 ◆	6 / 6	26,360 ◆
	9,860	7,479	0	12,356	29,420	6 / 6	26,160	29,420 ◆	6 / 6	26,120 ◆

H32XM-12 – CAPACITIES @ 900 MM AND @ 1200 MM

Mast	Lift height h ₁ (mm)	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	Extended height h ₄ (mm)	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Dual Function Side Shift & Fork Positioning carriage with ZERO IN-TO-IN fork positioning		
					Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)	Capacity @ 900 mm load centre (kg)	Mast tilt fwd/bwd (deg.)	Capacity @ 1 200 mm load centre (kg)
2 stage NFL	2,850	3,464	0	4,836	-	6 / 10	32,000	-	6 / 10	32,000
	3,155	3,616	0	5,141	-	6 / 10	32,000	-	6 / 10	32,000
	3,760	3,919	0	5,746	-	6 / 10	32,000	-	6 / 10	32,000
	4,370	4,224	0	6,356	-	6 / 10	32,000	-	6 / 10	32,000
	6,200	5,139	0	8,186	-	6 / 10	32,000	-	6 / 10	32,000
	6,810	5,444	0	8,716	-	6 / 10	32,000	-	6 / 10	32,000
	9,250	7,174	0	11,746	-	6 / 6	31,020	-	6 / 6	31,020
	9,860	7,479	0	12,356	-	6 / 6	30,720	-	6 / 6	29,820

NOTES

FORKLIFT TRUCKS

Capacities are valid for complete trucks with Pneumatic tyres, 2-Stage Vista mast with lift height as specified, Dual-function Hook-type Sideshift-Forkpositioning carriage and Quick-disconnect Hook-type forks 2440 mm long.

- ◆ Carriage with ZERO IN-TO-IN fork positioning not recommended in combination with lift heights above 6200 mm

POWERTRAINS

DESIGNATION	1.1	Manufacturer (abbreviation)	
	1.2	Manufacturer's type designation	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	
POWER UNIT	7.1	Engine manufacturer / type	
	7.2	Engine output according to ISO 1585	kW / min ⁻¹
	7.2.1	Max. engine power 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
	7.5.1	Fuel consumption according to VDI cycle	l/h
	7.5.2	Alternator	A
	7.10	Battery voltage/nominal capacity	
		(V)/(Ah)	
DRIVE TRAIN	8.1	Type of drive unit	
	8.2	Transmission manufacturer / type	
	8.6	Wheel drive / drive axle manufacturer / type	
	8.4	Service brake	
	8.5	Parking brake	

HYSTER		HYSTER	
H25XMS-9-H25XMS-12		H28XM-H32XM-12	
Diesel		Diesel	
Cummins QSB 6.7		Cummins QSB 6.7	
194	2,200	194	2,200
201	2,000	201	2,000
2,000		2,000	
990	1,500	990	1,500
6	6,690	6	6,690
On request		On request	
120		120	
24	102	24	102
Torque Converter		Torque Converter	
ZF / 5WG211		ZF / 5WG211	
Axle Tech / PRLC1794W4H		Axle Tech / PRC3806 W4H	
Oil immersed disc		Oil immersed disc	
Dry disc on drive axle		Dry disc on drive axle	

FRONT END EQUIPMENT



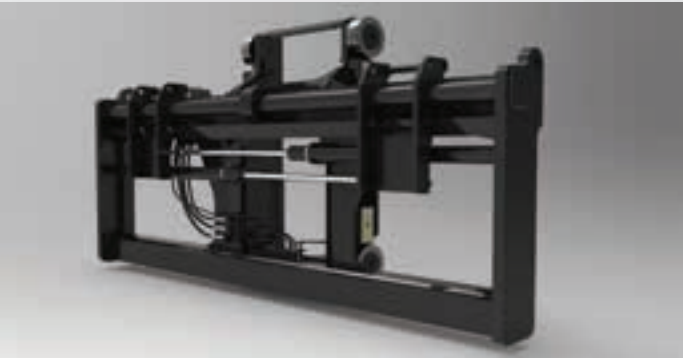
Range of 2 stage NFL masts



Pin Type and Quick Disconnect Hook Type forks



3.100 mm wide Standard Carriage – Pin type forks



3.100 mm wide Carriage with Fork Positioning – Individual Fork Control – Pin type forks



3.100 mm wide Side shift frame carriage – Pin type forks



3.100 mm wide Side shift frame carriage with Fork Positioning – Individual Fork Control – Pin type forks

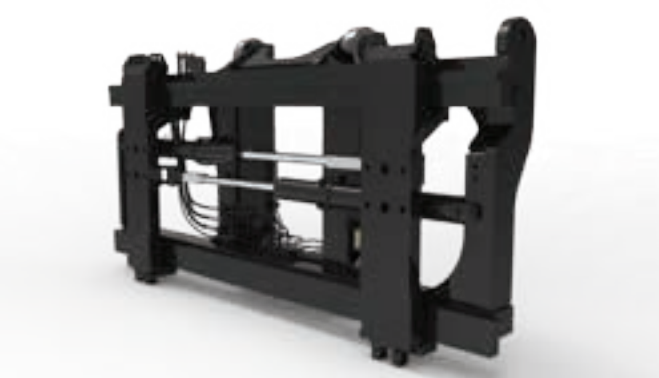
FRONT END EQUIPMENT



3.040 mm wide hook type mount Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks



3.040 mm wide hook type mount Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks



3.200 mm wide Multi Purpose Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks



3.200 mm wide Multi Purpose Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks



Mono Mast



Integrated Coil ram carriage



Side shift ram pin type unit



Coil ram

<http://www.keiyou.net>

STANDARD EQUIPMENT

- Cummins QSB 6.7L 194 / max 201 KW @ 2.000 rpm Turbo Diesel Engine
 - Stage IIIA Compliant
 - ECO-eLo / HiP performance modes
 - Hibernate Idle
- ZF WG 211 5 speed forward / 3 speed reverse Automatic Transmission
- 2 stage NFL Mast with maximum fork height of 3655mm with 3794mm overall lowered height (H25XM)
- 2 stage NFL Mast with maximum fork height of 3655mm with 3919mm overall lowered height (H28-32XM)
- 3.040 mm wide hook type mount Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks (H25XM)
- 3.200 mm wide Multi Purpose Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks (H28-32XM)
- 280 x 105 x 2.440 mm long hook type forks (H25XM)
- 300 x 105 x 2.440 mm long hook type forks (H28-32XM)
- Oil-immersed Brakes
- Sy-Klone spinner type heavy duty air intake pre-cleaner
- Axle Tech PRC 1794 heavy duty planetary drive axles (H25XM)
- Axle Tech PRC 3806 heavy duty planetary drive axles (H28-32XM)
- Steer axle with hydrostatic power steering
- SAUER-DANFOSS dual piston variable displacement pump 165 ccm (75 + 90 ccm)
- Powertrain protection system for engine and transmission; high temperature or low oil pressure
- On-demand load-sensing hydraulic system featuring VDP technology
- Up to 6-way hydraulic controls with 4 Levers and Switch combination
- CANbus electrical control system for engine, transmission and hydraulics
- 14.00 - 24 28PR bias ply treaded load pneumatic drive and steer tyres (H25XM)
- 16.00 - 25 32PR bias ply treaded PR E4 load pneumatic drive and steer tires (H28-32XM)
- Directional control lever with direction change interlock system
- Mast tilt: 6° forward / 10° back
- Lockable battery disconnect switch
- 120 amp alternator
- Overhead Guard Featuring:
 - Seatside lever and switch hydraulic control
 - Multifunction display panel
 - Interior wide angle mirrors
 - Handrails for operator entry and exit
 - Telescoping and tilting steering column
 - Floor mat
 - Isolated mounting for low noise and vibration
 - Mechanical, Full Suspension Vinyl or Cloth Seat with integrated adjustable armrest and orange Hi-Vis seat belt
 - Exterior wide angle mirrors, mounted to handrails
- Operator restraint system
- Operator presence system
- Electronic horn - 105 dB(A)
- Visible alarm / amber strobe light
- Self adjustable back up alarm, volume > 5dB(A) ambient
- 24V electrical system
- Manual Tilt Operator Compartment for Service Access
- Light Kit 1:
 - LED rear cluster with stop, reverse and direction light
 - 2 x Halogen working lights mounted on rear of cab
 - 2 x Halogen drive lights, 2 LED direction / marker lights mounted on front fender
- Steering wheel with spinner knob
- Steer wheel nut protection
- Non-lockable diesel fuel cap
- Literature package:
 - operator’s manual
- 12 months / 2,000 hours manufacturer’s warranty

OPTIONAL EQUIPMENT

- Masts: various 2-stage NFL masts with various lift heights available
 - Mono mast with maximum lift height of 2.745mm with 5169mm overall lowered height (H25XM)
 - Mono mast with maximum lift height of 2.745mm with 5265mm overall lowered height (H28-32XM)
 - Various side shifting and pork positioning carriages
 - Coil Ram - pin carriage mounted or hook carriage mounted
 - Various hydraulic valve control groups
 - Multifunction joystick control
 - MONOTROL® pedal direction control with direction change interlock system
 - Mast tilt: 15° forward / 10° back
 - Tyres – Drive and Steer
 - 14.00 - 24 Solid (H25XM)
 - 14.00 - R24 MICHELIN XZM radial (H25XM)
 - 14.00 - R24 Trelleborg radial (H25XM)
 - 16.00 - 25 Solid (H28-32XM)
 - 16.00 - R25 MICHELIN XZM radial (H28-32XM)
 - 16.00 - R25 GOODYEAR EV-4S Slick (H28-32XM)
 - Front and rear mud flaps
 - Enclosed Cab with or without Air Conditioning includes:
 - Seat-Side Hydraulic Control Levers
 - Multifunction Display Panel
 - Interior Wide Angle Mirrors
 - Telescoping & Tilting Steering Column
 - Floor Mat
 - 24-12V DC/DC Converter
 - I - style Front screen Wiper
 - H - style Front screen Wiper
 - Heater
 - 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
 - Wire mesh protection guard on top of cab
 - Rain top for OHG
 - 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
 - Powered Tilt Operator Compartment
 - Air Horn
 - Various Light Kits
 - Various HID (High Intensity Discharge - Xenon) and halogen light kits available
 - Hydraulic accumulator in lift circuit
 - Hydraulic temperature protection
 - Pressure compensated lowering
 - Lifting eye shackles
 - Engine pre-heater 1.500 W / 230 Volt AC
 - NATO Start aid connector (24V)
 - Mast tilt indicator
 - Traction speed limiter
 - Empty seat engine shutdown
 - Lockable diesel fuel cap
 - Automatic greasing system
 - Centralized greasing provision for mast chain sheaves (available on limited masts)
 - Hyster Tracker Wireless Asset Management system
- Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.

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