



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

CONTAINER HANDLING TRUCKS

H28XM-16CH, H32XM-16CH 26.400 - 31.000 kg @ 1600 mm







H25-32XM(S)-12

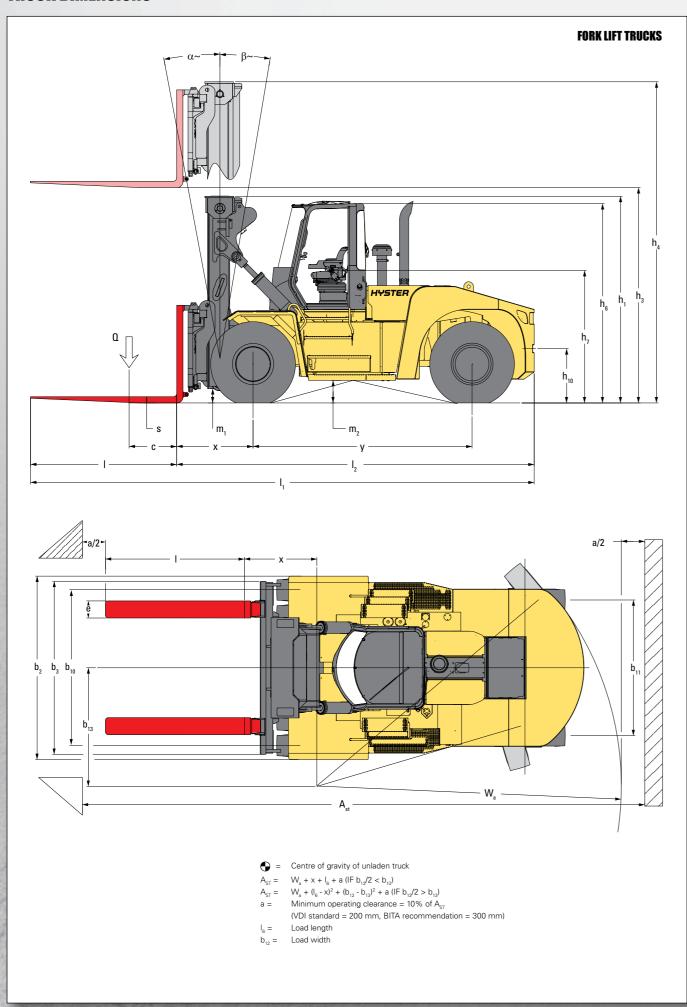
					HYSTER	нус	STER
MARKS	1.1	Manufacturer (abbreviation)					
E	1.2	Manufacturer's type designation Drive: electric (battery or mains), diesel, petrol, fuel gas			5XMS-9 Diesel		XM-12 esel
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker		-	seat		eat
ij	1.5	Rated capacity / rated load	Q(t)		25		25
DISTINGUISHING	1.6	Load centre distance	c (mm)		900	1,	200
▋▀	1.8	Load distance, centre of drive axle to fork	x (mm)		1,189		,189
_	1.9	Wheelbase	y (mm)		3,655	4,	315
s	2.1	Service weight ●	kg		37,051	37	1,473
WEIGHTS	2.2	Axle loading, laden front / rear	kg	57,869	4,182	57,511	4,962
Ĭ	2.3	Axle loading, unladen front / rear	kg	18,580	18,471	18,670	18,804
	_						
∞	3.1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid		14.0	L 24 20DD		L 24 20DD
N SE	3.2	Tyres size, front Tyres size, rear) - 24 28PR) - 24 28PR		24 28PR 24 28PR
IYRES & CHASSIS	3.5	Wheels, number front / rear (x = driven wheels)		x 4	2	x4	2
E SE	3.6	Tread, front	b ₁₀ (mm)		2,279	2	279
-	3.7	Tread, rear	b ₁₁ (mm)		2,381	2,	381
	_				_		
	4.1	Tilt of mast, forward / backward	α/β(°)	6	10	6	10
	4.2	Height, mast lowered O Free lift	h, (mm)	\vdash	4,099 0		099
	4.4	Lift ¶ **	h ₃ (mm)		4,265		,265
	4.5	Height, mast extended	h ₄ (mm)		6,231		,231
	4.7	Cab height (open cab) ***	h ₆ (mm)		3,370	3	,370
	4.7.1	Height of overhead guard (closed cab)	h _s (mm)		3,406		,406
	4.7.2	Height of overhead guard (closed cab w/ airco)	h _s (mm)	-	3,439		,439
	4.7.3	Height of overhead guard (closed cab w/ strobe light) Height of overhead guard (closed cab w/ work lights)	h _s (mm)	 	3,538 3,597		,538 ,597
	4.7.5	Height of overhead guard (closed cab w/ work lights) Height of overhead guard (closed cab w/ airco & strobe light)	h _s (mm)	l	3,612		,612
	4.8	Seat height relating to SIP •	h ₁₀ (mm)		2,237	2	,237
	4.12	Coupling height	h ₁₀ (mm)		935	!	935
	4.19	Overall length	I ₁ (mm)		8,321		,981
	4.20 4.21.2	Length to face of forks Constitution and the constitution of th	l ₂ (mm)		5,881		,541
ي	4.21.2	Overall width across all Fork dimensions ISO 2331	b ₂ (mm) s/e/l (mm)	105	3,220 280 2.440		,220 280 2.440
DIMENSIONS		10.11.4.11.10.11.01.01.01.01.01.01.01.01.01.01.	9,9,1,11111,		al Function		Function
	4.23	Fork carriage type			k Fork Positioning		Fork Positioning
 -	4.24	Fork carriage width	b ₃ (mm)		3,040		,040
	4.25	Distance over fork arms, minimum / maximum	b _s (mm)	1,430	2,970	1,430	2,970
	4.25.1	Distance over fork arms, minimum / maximum ‡	b _s (mm)	880	2,420	880	2,420
	4.30	Sideshift @ width over forks	b ₈ (mm)	+/-385	2,200	+/-385	2,200
	4.31	Ground clearance, laden, below mast	m, (mm)	ļ	219		219
9	4.32	Ground clearance, centre of wheelbase Load dimension b 1, × 1 crossways	m ₂ (mm) b ₁₂ × I ₆ (mm)	1,800	1,800	1,800	1,800
	4.34.1.1	Aisle width for pallets 1830 × 1830 crossways without operating clearance	Ast (mm)	1,000	8,315		,174
	4.34.1.2		Ast (mm)		8,515		,374
	4.34.1.3	Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance	Ast (mm)		9,147	10	0,091
	4.33.2	Load dimension b ₁₂ × I ₆ crossways	$b_{12} \times l_6 \text{ (mm)}$	2,400	2,400	2,400	2,400
	4.34.2.1	Aisle width for pallets 2440 × 2440 crossways without operating clearance	Ast (mm)	-	8,915		,774
	4.34.2.2 4.34.2.3	Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance	Ast (mm) Ast (mm)	l	9,115 9,807		,974),751
1	4.35	Turning radius	Wa (mm)		5,326		,185
	4.36	Internal turning radius	b ₁₃ (mm)		2,040		,589
				-			
	5.1	Travel speed, laden / unladen	km/h	25	25	25	25
Ę	5.2	Lift speed, laden / unladen	m/s	0.33	0.35	0.33	0.359
쁑	5.2.1 5.3	Lift speed, laden with 70% load Lowering speed, laden / unladen	m/s m/s	0.50	0.34	0.50	0.50
PERFORMANCE DATA	5.5	Drawbar pull, laden / unladen *	kN	197	201	197	201
	5.5.1	Drawbar pull, laden / unladen ¥	kN	239	243	239	243
=	5.7	Gradeability, laden / unladen ★ †	%	34	34	34	35
	5.7.1	Gradeability, laden / unladen 🗱 †	%	43	34	42	35
-	1		CALL STREET, S	Description of the	THE PERSON NAMED IN		
	10.1	Working pressure for attachments	bar	-	225		225
	10.2	Oil volume for attachments Hydraulic oil tank, capacity	l/min	-	237		274
Ę	10.3	Fuel tank, capacity	1	-	304		364
ADDITIONAL DATA	10.4.1	DEF tank, capacity (Stage IV / Tier 4 only)	- I		38		38
E	10.5	Steering design		Hydraulic	power steering	Hydraulic p	ower steering
1	10.6	Number of steering rotation			6		6
	10.7	Sound pressure level at the driver's seat LpAZ *	dB (A)	-	TBD		BD
i	10.7.1	Sound power level during the workcycle LwAZ Towing coupling, type DIN		- V	TBD es / Pin		BD / Pin
	10.0	Towning coupling, type Diff		- Y	60/IIII	Tes	7 1 111

n i	/STER	HYS	TER	HYS	TER	HYS	TER	HYST	TER	1	
	8XM-12	H30X			KM-12		MS-9	H32XN		1.1	DISTINGUISHING MARKS
	Diesel	Die			esel	Die		Dies		1.3	
S	seat	se	at	s	eat	SE	at	sea	at	1.4	¥
	28	29.			30	31		32		1.5	5 3
	1,200	90			200	91		1,20		1.6	R
	1,274	1,2			274	1,2		1,27		1.8	· ~
4	4,315	3,9	35	4,	315	3,5	35	4,82	25	1.9	
44	4,688	44,	439	45	,383	45,	049	44,9	19	2.1	E
66,910	5,778	68,971	5,168	70,133	5,251	72,512	4,487	71,254	5,665	2.2	WEIGHTS
22,857	21,832	22,862	21,577	22,932	22,451	22,910	22,139	22,847	22,073	2.3	S
_											_
	L	L			L	L		L		3.1	
	- 25 32PR - 25 32PR	16.00 - 2 16.00 - 2			25 32PR 25 32PR	16.00 - 2 16.00 - 2		16.00 - 25 16.00 - 25		3.2	TYRES & CHASSIS
x 4	2	x 4	2	x 4	2	x 4	2	x 4	2	3.5	£ 9
	2,424	2,4			124	2,4		2,42		3.6	ASS
2,	2,338	2,3	38	2,	338	2,3	38	2,33	18	3.7	<u>~</u>
6	10	6	10	6	0	6	10	6	10	4.1	
	1,224	4,2			224	4,2		4,22		4.2	
	0	0			0	42		0		4.3	
	1,265 3,356	6,3			265 356	4,2 6,3		4,26 6,35		4.4	
	3,466	3,4			466	3,4		3,46		4.7	
	3,502	3,5			502	3,5		3,50		4.7.1	
3,	3,535	3,5	35	3,	535	3,5	35	3,53	5	4.7.2	
3,	3,634	3,6	34		634	3,6	34	3,63	14	4.7.3	
	3,693	3,6			693	3,6		3,69		4.7.4	
	3,708	3,70			708	3,7		3,70		4.7.5	
	,031	2,33			333 331	2,3		2,33		4.8	
	1,066	8,6			066	8,6		9,57		4.12	
-	6,626	6,24			626	6,2		7,13		4.20	
3,	3,430	3,4	30	3,	130	3,4	30	3,43	0	4.21.2	
	300 2.440	105 30	00 2.440	105 3	00 2.440	105 30	2.440	105 300	0 2.440	4.22	
	Function Fork Positioning	Dual Fu Sideshift & For			unction ork Positioning	Dual Fu Sideshift & Fo		Dual Fu Sideshift & For		4.23	DIMENSIONS
	ok type	Hook			ctype	Hook		Hooks		4.23	NSIO
3,	3,200	3,2	00	3,	200	3,2	00	3,20	10	4.24	S
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	4.25.1	
+/-415	2,310	+/-415	2,310	+/-415	2,310 27	+/-415	2,310	+/-415	2,310	4.30	
	502	50			02	50		502		4.32	
1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	4.33.1	
9,),259	8,7	65	9,	259	8,7	65	9,92	2	4.34.1.1	
),459	8,9			459	8,9		10,12		4.34.1.2	
	0,185	9,6			185	9,6		10,91		4.34.1.3	
2,400	2,400	2,400	2,400	2,400	2,400 859	2,400	2,400	2,400	2,400	4.33.2 4.34.2.1	
	0,059	9,5			059	9,5		10,72		4.34.2.2	
	0,845	10,3			845	10,3		11,57		4.34.2.3	
6,	5,185	5,6	91	6,	185	5,6	91	6,84	8	4.35	
2,	2,589	2,2	73	2,	589	2,2	73	3,01	3	4.36	
					-		CALL PARTY.			-	
		25	25	25	25	25	25	25	25	5.1	
25	25			0.27	0.29	0.27	0.29	0.27	0.29	5.2 5.2.1	量
0.27	0.29	0.27	0.29				20		10		
0.27	0.29	0.27	0.28	0	.28	0.		0.2			8
0.27	0.29						0.50 203	0.2 0.50 197	0.50	5.3	FORMANC
0.27 (0.50	0.29 0.28 0.50	0.27	0.28 0.50	0.50	0.50	0. 0.50	0.50	0.50	0.50	5.3	FOR MANCE DA
0.27 0.50 198 241 29	0.29 0.28 0.50 203 245 35	0.27 0.50 198 240 28	0.28 0.50 203 245 35	0.50 198 240 28	0.50 203 245 35	0.50 197 240 27	0.50 203 245 34	0.50 197 240 27	0.50 203 245 36	5.3 5.5 5.5.1 5.7	PERFORMANCE DATA
0.27 0.50 198 241	0.29 0.28 0.50 203 245	0.27 0.50 198 240	0.28 0.50 203 245	0.50 198 240	0.50 203 245	0.50 197 240	0.50 203 245	0.50 197 240	0.50 203 245	5.3 5.5 5.5.1	FORMANCE DATA
0.27 (0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35	0.50 138 240 28 35	0.28 0.50 203 245 35 35	0.50 198 240 28 34	28 0.50 203 245 35 35	0.50 197 240 27 33	0.50 203 245 34 34	0.50 197 240 27 34	0.50 203 245 36 36	5.3 5.5 5.5.1 5.7 5.7.1	FORMANCE DATA
0.27 (0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35	0.50 138 240 28 35	0.28 0.50 203 245 35 35	0.50 198 240 28 34	28 0.50 203 245 35 35 35	0.50 197 240 27 33	0.50 203 245 34 34	0.50 197 240 27 34	0.50 203 245 36 36	5.3 5.5 5.5.1 5.7 5.7.1	FORMANCE DATA
0.27 (0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35 225	0.27 0.50 198 240 28 35	0.28 0.50 203 245 35 35 35	0.50 198 240 28 34	28 0.50 203 245 35 35 35 225 00	0.50 197 240 27 33	0.50 203 245 34 34 325	0.50 197 240 27 34	0.50 203 245 36 36 5	5.3 5.5 5.5.1 5.7 5.7.1	FORMANGE DATA
0.27 0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35	0.50 138 240 28 35	0.28 0.50 203 245 35 35 35	0.50 198 240 28 34	28 0.50 203 245 35 35 35	0.50 197 240 27 33 22 11	0.50 203 245 34 34	0.50 197 240 27 34	0.50 203 245 36 36 36	5.3 5.5 5.5.1 5.7 5.7.1	
0.27 (0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35 100 274	0.27 0.50 198 240 28 35 22 10	0.28 0.50 203 245 35 35 25 200 244 244	0.50 198 240 28 34	28 0.50 203 245 35 35 35 225 000 774	0.50 197 240 27 33 22 11 22	0.50 203 245 34 34 36 25	0.50 197 240 27 34 222 100	0.50 203 245 36 36 5 0	5.3 5.5 5.5.1 5.7 5.7.1 10.1 10.2 10.3	
0.27 0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35 100 274 364	0.27 0.50 138 240 28 35 22 11 27 38	0.28 0.50 203 245 35 35 36 36 37 38 38 38 38 38 38 38 38 38 38	0.50 138 240 28 34	28 0.50 203 245 35 35 35 225 000 774 464	0.50 197 240 27 33 22 11 22	0.50 203 245 34 34 25 00 74 34	0.50 197 240 27 34 222 100 274 36	0.50 203 245 36 36 5 0 4	5.3 5.5 5.5.1 5.7 5.7.1 10.1 10.2 10.3 10.4 10.4.1 10.5	
0.27 0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35 100 274 384 38 power steering 6	0.27 0.50 138 240 28 35 10 22 10 22 33 Hydraulic po	0.28 0.50 203 245 35 35 36 25 300 44 44 48 wer steering	0.50 198 240 28 34 4 Hydraulic p	28 0.50 203 245 35 35 35 225 000 0774 664 38 ower steering 6	0.50 197 240 27 33 2: 11 22 33 Hydraulic po	0.50 203 245 34 34 34 25 00 74 44 8 wer steering	0.50 197 240 27 34 222 100 274 366 386 Hydraulic pov	0.50 203 245 36 36 36 5 0 4 4 4 8 wer steering	5.3 5.5 5.5.1 5.7 5.7.1 10.1 10.2 10.3 10.4 10.4.1 10.5	FORMANCE DATA ADDITIONAL DATA
0.27 (0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35 35 225 100 274 384 38 power steering 6 TBD	0.27 0.50 138 240 28 35 10 22 10 23 36 Hydraulic po	0.28 0.50 203 245 35 35 35 25 26 27 28 29 29 30 44 44 44 48 88 wer steering	0.50 198 240 28 34	28	0.50 197 240 27 33 2: 111 22 33 Hydraulic po	0.50 203 245 34 34 34 25 000 74 84 8 weer steering 6 800	0.50 197 240 27 34 222 100 27 366 386 Hydraulic pov	0.50 203 245 36 36 36 5 0 4 4 4 8 wer steering	5.3 5.5 5.5.1 5.7 5.7.1 10.1 10.2 10.3 10.4 10.4.1 10.5 10.6	
0.27 (0.50 198 241 29 36	0.29 0.28 0.50 203 245 35 35 100 274 384 38 power steering 6	0.27 0.50 138 240 28 35 10 22 10 22 33 Hydraulic po	0.28 0.50 203 245 35 35 35 25 26 27 44 44 48 8 wwer steering 63 63 60 60 60 60 60 60 60 60 60 60	0.50 198 240 28 34 1 1 2 3 Hydraulic p	28 0.50 203 245 35 35 35 225 000 0774 664 38 ower steering 6	0.50 197 240 27 33 2: 11 22 31 4Hydraulic po	0.50 203 245 34 34 34 25 000 74 84 8 weer steering 6 800	0.50 197 240 27 34 222 100 274 366 386 Hydraulic pov	0.50 203 245 36 36 36 5 0 4 4 4 3 wer steering D	5.3 5.5 5.5.1 5.7 5.7.1 10.1 10.2 10.3 10.4 10.4.1 10.5	

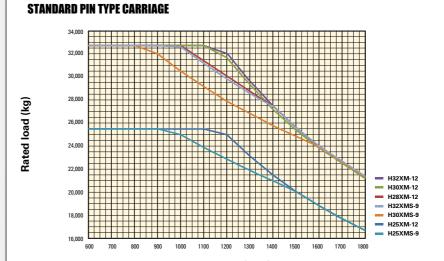
Specification data is based on VDI 2198

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TRUCK DIMENSIONS



CAPACITY RATINGS

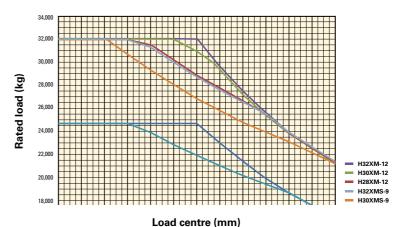


Load centre (mm)

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 $105 \times 280 \times 2440$ forks on H25XM models and $105 \times 300 \times 2440$ forks on H28-32XM models.

SIDESHIFT PIN TYPE CARRIAGE

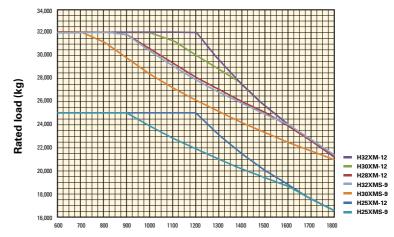


zoud contro (mm)

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

 $\label{eq:Rated Load:} \textbf{Based on 2 stage NFL mast 6095 mm lift height Sideshift pin type carriage with $105 \times 280 \times 2440$ forks on H25XM models and $105 \times 300 \times 2440$ forks on H28-32XM models.}$

DF-SS-FP CARRIAGE



Load centre (mm)

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 $105 \times 280 \times 2440$ forks on H25XM models and $105 \times 300 \times 2440$ 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 conditions of the vehicle and how it is equipped, as well as the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your dealer

- O 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 mast tilt in either direction be kept to a minimum when loads are elevated.

Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.

C € Safety:

This truck conforms to the current EU requirements.

MAST AND CAPACITY INFORMATION

Mono Mast			Free lift			d coil ram mm side shift	pin type side shift carrige mounted coil ram		
	height h ₃ (mm)	height h ₁ (mm)	height h ₂ (mm)	height h ₄ (mm)	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 & 12	2,745	5,169	2,745	5,169	30,000	6 / 10	25,000	6 / 10	
H28-32XM-12	2,745	5,265	2,745	5,265	36,000	6 / 10	32,000	6 / 10	

H25XMS-9 CAPACITIES @ 900 MM AND @ 1.200 MM

Mast	Lift Lowered height height		height height	Extended height	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			Positio	tion Side Shift & Fork ning carriage with TO-IN fork positioning			
	h ₃ (mm)	h, (mm)	h ₂ (mm)	h ₄ (mm)	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)		
	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		
2 stage NFL	4,370	4,099	0	6,231	25,000	6 / 10	22,600	25,000	6 / 10	22,600		
5	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 @ 1 200 MM

Mast	Lift Lowered height height		height height	ight height	Positioni	Dual Function Side Shift & Fork Positioning carriage without ZERO IN-TO-IN fork positioning			ction Side Shift & Fork oning carriage with TO-IN fork positioning		
	h ₃ (mm)	h, (mm)	h ₂ (mm)	h ₄ (mm)	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)	
	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	
2 stage NFL	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	Lowered height h ₁ (mm)	height height h ₁	height height h ₂	Positioni	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			
	h ₃ (mm)				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)		
	2,850	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		
2 stage NFL	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.

 Zero in-to-in forkpositioning version (also has larger Sideshift movement) not recommended with high lift mast(s)

MAST AND CAPACITY INFORMATION

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

Mast	height he	Lowered height h ₁ (mm)	Free lift height h ₂ (mm)	height height		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		
	(mm)			h ₄ (mm)	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)	
	2,850	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	
2 stage NFL	4,370	4,224	0	6,356	30,000	6 / 10	26,880	30,000	6 / 10	26,880	
2 stage Hi L	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 Lowered height height		height height	Extended height	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			
	h ₃ (mm)	h _i (mm)	h ₂ (mm)	h ₄ (mm)	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)	
	2,850	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	
2 stage NFL	4,370	4,224	0	6,356	32,000	6/10	30,000	32,000	6/10	30,000	
2 stage Hi L	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 Lowered height height		height height	Extended height	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			
	(mm)	h, (mm)	h ₂ (mm)	h ₄ (mm)	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)	
	2,850	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	
2 stage NFL	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	height height			ht height	Positioni	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			
	h ₃ (mm)	h, (mm)	h ₂ (mm)	h ₄ (mm)	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)		
	2,850	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		
2 stage NFL	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.

 Zero in-to-in forkpositioning version (also has larger Sideshift movement) not recommended with high lift mast(s)

POWERTRAINS

1.1 Manufacturer (abbreviation)

<u> </u>	1.2	ivianutacturer's type designation	
DESIGN	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	
777			
	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
POWER UNIT	7.3.1	Torque at 1/min	Nm / min ⁻¹
ᅙ	7.4	Number of cylinders / displacement	(-)/cm ³
	7.5.1	Fuel consumption according to VDI cycle	l/h
	7.5.2	Alternator	Α
	7.10	Battery voltage/nominal capacity	(V)/(Ah)

Cummins	QSB 6.7	Cummins	QSB 6.7			
194	2,000	194	2,000			
201	2,000	201	2,000			
2,0	000	2,000				
990	1,500	990	1,500			
6	6,690	6	6,690			
On re	quest	On request				
12	20	120				
24	102	24	102			

HYSTER

H28-32XM(S)-12

Diesel

	8.1	Type of drive unit
I ≨	8.2	Transmission manufacturer / type
ETRA	8.6	Wheel drive / drive axle manufacturer / type
	8.4	Service brake
	8.5	Parking brake

Torque C	onverter	Torque Converter			
ZF 5WG211		ZF	5WG211		
Axle Tech	PRLC1756W4H	Axle Tech	PRC3806W4H		
Oil imme	rsed disc	Oil immersed disc			
Dry disc or	n drive axle	Dry disc on	drive axle		

POWERTRAINS AND SPREADER

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

HYSTER
H28-32XM-16CH
Diesel

HYSTER

H25XMS-9, H25XM-12

Diesel

	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
ᇦ	7.3	Rated speed	min ⁻¹
POWER UNIT	7.3.1	Torque at 1/min	Nm / min ⁻¹
ᅙ	7.4	Number of cylinders / displacement	(-)/cm ³
	7.5.1	Fuel consumption according to VDI cycle	l/h
	7.5.2	Alternator	А
	7.10	Battery voltage/nominal capacity	(V)/(Ah)
	,,,,		

Cummins	QSB 6.7				
194	2,000				
201	2,000				
2,0	000				
990	1,500				
6	6,690				
On re	quest				
120					
24	102				

1	8.1	Type of drive unit
MA	8.2	Transmission manufacturer / type
	8.6	Wheel drive / drive axle manufacturer / type
E E	8.4	Service brake
	8.5	Parking brake
	10000	THE RESERVE OF THE PARTY OF THE

Torque Converter							
ZF 5WG211							
Axle Tech PRC3806W4H							
Oil immersed disc							
Dry disc or	Dry disc on drive axle						

	9.1	Manufacturer / type	
	9.2	Design	
	9.3	Size of containers fe	eet (´)
SPREADER	9.4	Side shift b ₈	(mm)
PRE	9.5	Pile slope spreader °,	/ type
S	9.6	Rotation angle	۰
	9.7	Longitudinal adjustment	mm
	9.8	Telescoping time, extend / retract	s
100			

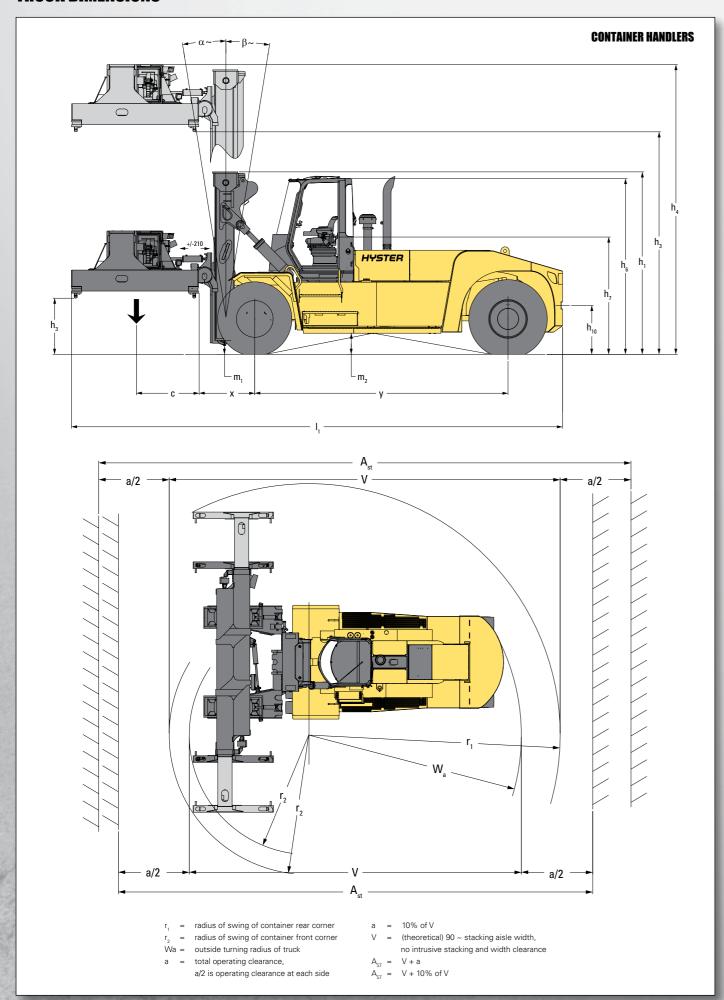
ELM	ELME 812						
Top lift s	Top lift spreader						
20	- 40						
+/-	217						
+/- 3.0 / m	echanical						
+/-	4.5						
+/- 210							
12 12							

H28-32XM-16CH DEDICATED 20'-40' CONTAINER HANDLERS

1.1	Manufacturer (abbreviation)	HY	STER	HYS'	TER		
1.2	Manufacturer's type designation		H28X	(M-16CH	H32XM-16CH Diesel		
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Diesel			
1.4	Operator type: hand, pedestrian, standing, seated, orderpicker			seat	sea		
1.5	Rated capacity / rated load	Q (kg)	26,400	24,120	31,000	28,200	
1.6	Load centre distance ❖			<u> </u>	·	-	
_		c (mm)	1,220	1,430	1,220	1,430	
1.8	Load distance 4	x (mm)		957	95		
1.9	Wheelbase	y (mm)		1,315	4,83		
1.10.1	Stacking height at first row (number x container height, in feet)		2	x 9'6"	2 x 9	0'6"	
1.10.1	Stacking height at first row (number x container height, in feet)		2	x 8'6"	2 x 8	3'6"	
_							
2.1	Service weight ●	kg	5	0,714	50,9	145	
2.2	Axle loading, laden front/ rear	kg	71,492	5,582	75,744	5,682	
2.3			31,833	18,881	31,511	19,434	
2.3	Axle loading, unladen front / rear	kg	31,033	10,001	וונקונ	13,434	
	_						
3.1	Tyres: L=pneumatic, V=solid, SE=Pneumatic Shape Solid			L	L	•	
3.2	Tyres size, front		16.00	- 25 32PR	16.00 - 2	5 32PR	
3.3	Tyres size, rear		16.00	- 25 32PR	16.00 - 2	5 32PR	
3.5	Wheels, number front / rear (x = driven wheels)		x 4	2	x 4	2	
3.6	Tread, front	b10 (mm)			2,4:		
3.7	Tread, rear	b10 (mm)			· ·		
3.1	il cau, i cai	DIT (IIIIII)	2	2,338	2,3	30	
4.1	Tilt of mast, forward / backward	α/β (°)	6	10	6	10	
4.2	Height, mast lowered O	h, (mm)	į	5,659	5,6	59	
4.3	Free lift	h, (mm)		0	0		
4.4	Lift \$1 **	h ₃ (mm)		3,115	6,1		
_	Spreader distance from ground to twistlocks min./max.				· ·		
4.4.1	· · · · · · · · · · · · · · · · · · ·	h ₁₃ (mm)	1,239	7,354	1,239	7,354	
4.5	Height, mast extended O	h ₄ (mm)		3,716	8,7		
4.7.	Height of closed cab	h _s (mm)	3	3,502	3,5	02	
4.7.1	Height of closed cab with airco	h _s (mm)	3	3,535	3,535		
4.7.2	Height of closed cab with strobe light	h _s (mm)	3	3,634	3,6	34	
4.7.3	Height of closed cab with work lights	h _s (mm)		3,693	3,693		
4.7.4	Height of closed cab with airco & strobe light	h _s (mm)		3,708	3,70		
_	-						
4.8	Seat height relating to SIP •	h, (mm)		2,333	2,3		
4.12	Coupling height	h ₁₀ (mm)		1,031	1,0		
4.19	Overall length	I ₁ (mm)		3,749	9,2	59	
4.20	Length to face of spreader	I ₂ (mm)	6	6,309	6,8	19	
4.21.2	Overall width across all	b ₂ (mm)	3	3,340	3,340		
4.00	Full conference on		Dedicate	d carriage for	Dedicated c	arriage for	
4.23	Fork carriage type		ISO top	lift spreader	ISO top lift	spreader	
4.24	Carriage width	b ₃ (mm)	3	3,390	3,390		
4.31	Ground clearance, laden, below mast	m, (mm)		227	227		
4.32	Ground clearance, centre of wheelbase			502	502		
_	1	m ₂ (mm)					
4.34.3.1	1 1	Ast (mm)		9,608	10,2		
4.34.3.2		Ast (mm)		9,808	10,4		
4.34.3.3		Ast (mm)	1	0,569	11,267		
4.34.4.1	1 Aisle width with 40' container without operating clearance	Ast (mm)	1	3,619	13,745		
4.34.4.2	Aisle width with 40' container with 200 mm operating clearance	Ast (mm)	1	3,819	13,945		
4.34.4.3	Aisle width with 40' container with 10% operating clearance	Ast (mm)	1	4,981	15,1	20	
4.35	Turning radius	Wa (mm)	(6,185	6,8	48	
4.36	Internal turning radius	b ₁₃ (mm)		2,589	3,0		
		13	-			1070000	
	I						
5.1	Travel speed, laden / unladen	km/h	25	25	25	25	
5.2	Lift speed, laden / unladen	m/s	0.27	0.29	0.27	0.29	
5.2.1	Lift speed, laden with 70% load	m/s		0.28	0.2	28	
5.3	Lowering speed, laden / unladen	m/s	0.50	0.50	0.50	0.50	
5.5	Drawbar pull, laden / unladen *	kN	197	202	197	202	
5.5.1	Drawbar pull, laden / unladen ¥	kN	240	244	239	240	
5.7	Gradeability, laden / unladen * †	%	27	41	25	42	
5.7.1	Gradeability, laden / unladen ★ †	%	33	41	31	42	
U.7.1		70	55	71	01	74	
			The state of the s				
10.1	Working pressure for attachments	bar		225	22		
10.2	Oil volume for attachments	I/min		100	10	0	
10.3	Hydraulic oil tank, capacity	1		274	27	4	
10.4	Fuel tank, capacity	1		364	36	4	
10.4.1	DEF tank, capacity (Stage IV only)	·		38	38		
10.4.1			Hudroulia				
_	Steering design			power steering	Hydraulic pov		
10.6	Number of steering rotation			6.0	6.1		
	Sound pressure level at the driver's seat LpAZ *	dB (A)		TBA	TBA		
10.7				TBA			
10.7	Sound power level during the workcycle LwAZ			TBA	ТВ	A	

Specification data is based on VDI 2198

TRUCK DIMENSIONS

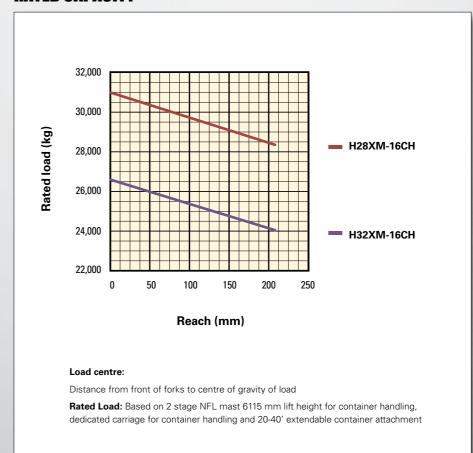


MAST AND CAPACITY INFORMATION

											H28XIV	1-16CH
Mast	Stacking height	Lift height	Min. under twistlock	Max. under twistlock		Extended Signature Signatu	Side shift b _s	Tilt fwd/bwd	Overall width	capacity spreader retracted	capacity spreader retracted	
		8'6" - 9'6"	h ₃ (mm)	h ₁₃ (mm)	(h ₃ + h ₁₃) (mm)	h ₁ (mm)	h ₄ (mm)	(mm)	(°)	b ₂ (mm)	c1 @ 1430mm	c1 @ 1640mm
ľ		2 high 8'6"	6,115	1,239	7,354	5,659	8,716	217	6/10	3,340	26,400	24,120
l	0 . NEI	2 high 9'6"	6,115	1,239	7,354	5,659	8,716	217	6/10	3,340	26,400	24,120
	2 stage NFL	3 high 9'6"	9,145	1,239	10,384	7,174	11,746	217	6/10	3,340	26,300	23,680
		4 high 8'6"	9,755	1,239	10,994	7,479	12,356	217	6/10	3,340	25,740	23,380

Mast	Stacking height 8'6" - 9'6"	Lift height h ₃ (mm)	Min. under twistlock h ₁₃ (mm)	Max. under twistlock (h ₃ + h ₁₃) (mm)	Lowered height h ₁ (mm)	Extended height h ₄ (mm)	Side shift b _s (mm)	Tilt fwd/bwd (°)	Overall width b ₂ (mm)	H32XM-16CH	
										capacity spreader retracted	capacity spreader retracted
										c1 @ 1430mm	c1 @ 1640mm
2 stage NFL	2 high 8'6"	6,115	1,239	7,354	5,659	8,716	217	6/10	3,340	31,000	28,200
	2 high 9'6"	6,115	1,239	7,354	5,659	8,716	217	6/10	3,340	31,000	28,200
	3 high 9'6"	9,145	1,239	10,384	7,174	11,746	217	6/10	3,340	31,000	27,800
	4 high 8'6"	9,755	1,239	10,994	7,479	12,356	217	6/10	3,340	30,640	27,720

RATED CAPACITY



EQUIPMENT AND WEIGHT CONTAINER HANDLERS:

- Weights (line 2.1) are based on the following specifications: Complete truck with Cab, Pneumatic tyres, 6095 mm BOF (6200 mm TOF) 2-Stage Vista Mast, Dedicated carriage and Telescopic 20'-40' ISO Container Spreader.
- Spreader retracted / extended
- Centre of drive axle to front face of spreader
- O Unladen with new tyres
- ¶ Bottom of forks
- Full suspension seat in depressed position
- 11 Minimum height of twistlocks
- 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

Ast = Wa + x + b + a

(see line 4.33, page 2 &3)

a = Minimum operating clearance
(VDI standard = 200mm,
BITA recommendation = 300mm)

b = Load length

r1 = radius of swing of container rear corner

r2 = radius of swing of container front corner

Wa = outside turning radius of the truck

V = theoretical 90° stacking aisle, no

intrusive stacking

V = r2 + the larger of r1 or Wa

a = total operating clearance, a/2 is operating clearance at each side

a = according VDI: 200 mm (100 mm each side)

a = according FEM TN01 recommendation: 10% of V (5% of V at each side)

Ast = practical 90° stacking aisle, no intrusive stacking and with clearance
Ast = V + a. For data see line 4.34

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

Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.

C ← Safety:

This truck conforms to the current EU requirements.

10

FRONT END EQUIPMENT



2 stage NFL Mast with maximum fork height of 3050mm (H25XM)



2 stage NFL Mast with maximum fork height of 3655mm (H25XM)



2 stage NFL Mast with maximum fork height of 4265mm (H25XM)



2 stage NFL Mast with maximum fork height of 4875mm (H25XM)



2 stage NFL Mast with maximum fork height of 6095mm (H25XM)



2 stage NFL Mast with maximum fork height of 9145mm (H25XM)



Standard Pin Type Carriage (H25XM)



Pin Type Carriage with individual Fork Positioner (H25XM)



Apron Pin Type Side Shift carriage (H25XM)



Apron Pin Type Side Shift carriage with individual fork positioner (H25XM)

FRONT END EQUIPMENT



2 stage NFL Mast with maximum fork height of 2475mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 3050mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 3655mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 4265mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 6075mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 9145mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 6095mm (H28-32XM)



2 stage NFL Mast with maximum fork height of 9755mm (H28-32XM)



Standard Pin Type Carriage (H28-32XM)



Pin Type Carriage with individual Fork Positioner (H28-32XM)



Apron Pin Type Side Shift carriage (H28-32XM)



Apron Pin Type Side Shift carriage with individual fork positioner (H28-32XM)

STANDARD EQUIPMENT

- Cummins QSB 6.7L 194 / max 201 KW @ 2.000 rpm Turbo Diesel Engine
- Stage IV Compliant
- ECO-eLo / HiP performance modes
- Hibernate Idle
- Hydraulically driven cooling fan
- ZF WG 211 5 speed forward / 3 speed reverse Hydrodynamic Transmission
- 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)
- 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)
- 3040 mm wide DF side shift & Fork positioning carriage, hook type mount (H25XM)
- 3200 mm wide DF side shift & Fork positioning carriage, hook type mount (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)
- 2 stage NFL 6.115 mm Mast with maximum Spreader lift of 7354mm (H28-32CH)
- Dedicated carriage for Container handling for 1220-1430 mm load centre (H28-32CH)
- ELME 812 ISO Top Lift Spreader (H28-32CH)
- Wet disc 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
- DANFOSS dual piston pump 140 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, alternative Joystick control
- Hydraulic Control Joystick (H28-32CH)
- 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
- Open operator compartment with integral overhead guard, includes:
- 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
- full-suspension vinyl seat with integrated, adjustable armrest and 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
- Tilting operator compartment for service access
- manual operation
- Light Kit 1:
- rear ward cluster with LED stop,
 reverse & direction light
- 2 x Halogen working lights mounted on rear of the cab
- 2 x Halogen drive lights mounted on front fender
- direction and position light front of fender
- Steering wheel with spinner knob
- Steer wheel nut protection
- Non-lockable diesel fuel cab
- Literature package: operator's manual, service manual, parts manual
- 12 months / 2,000 hours manufacturer's warranty

OPTIONAL EQUIPMENT

- Masts: various 2-stage lift heights available
- Various side shifting carriages and fork positioners
- 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
- -Temperature controller
- 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

- Rain top (OHG only)
- -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
- Powered Tilt Operator Compartment
- Air Horn
- Various Light Kits
- Various HID (High Intensity Discharge Xenon) and halogen light kits available
- Hydraulic accumulator
- Hydraulic temperature protection
- Pressure compensated lowering
- Lifting eyes
- 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 capAutomatic greasing system
- Centralized greasing provision for mast chain sheaves (available on limited masts)

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

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