



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





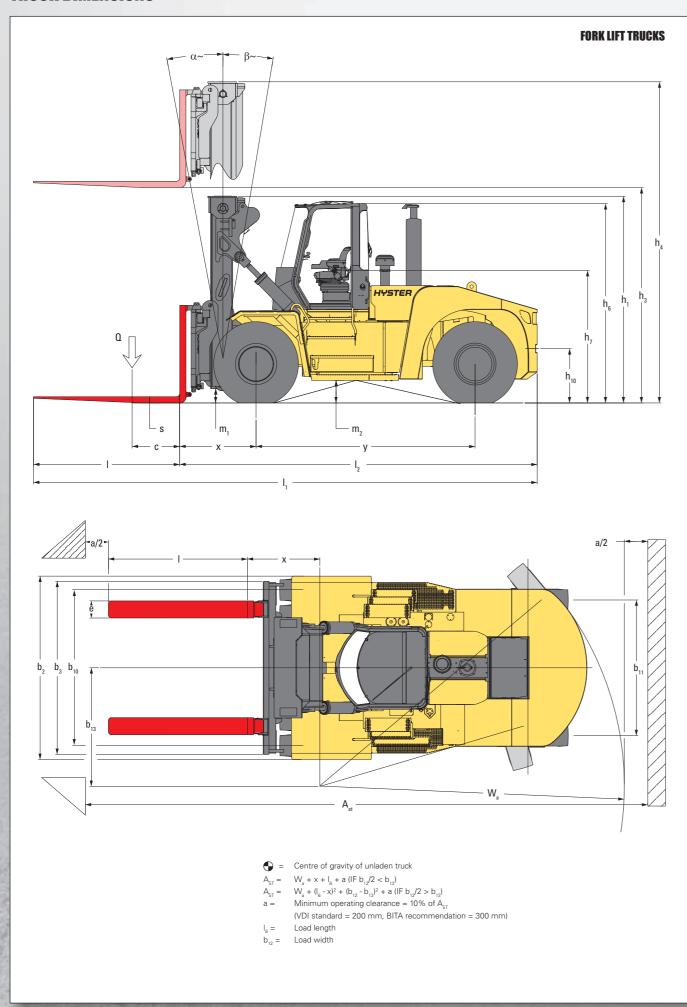
H25-32XM(S)-12

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MARKS	1.1	Manufacturer (abbreviation)			STER	нуѕт		
	1.2	Manufacturer's type designation			MS-9	H25XN		
2	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Die		Dies		
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker	0(4)		eat an	sea		
2	1.5	Rated capacity / rated load Load centre distance	Q(t)	900	22 1200	25		
DISTINGUISHING	1.8	Load distance, centre of drive axle to fork	c (mm)		1200	1,200 1,189		
	1.9	Wheelbase	y (mm)		655	4,315		
	1.0	PPICODUGG	y (iiiii)	- Oys		1,01		
2	2.1	Service weight ●	kg	37,	051	37,4	73	
喜	2.2	Axle loading, laden front / rear	kg	57,869	4,182	57,511	4,962	
=	2.3	Axle loading, unladen front / rear	kg	18,580	18,471	18,670	18,804	
S	3.1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid			L	L		
S	3.2	Tyres size, front			24 28PR	14.00 - 24		
TYRES & CHASSIS	3.3	Tyres size, rear			24 28PR	14.00 - 24		
Š	3.5	Wheels, number front / rear (x = driven wheels)	h ()	x 4	2	x 4	2	
Į≝	3.6	Tread, front	b ₁₀ (mm)		279	2,27		
_	3.1	Tread, rear	b ₁₁ (mm)	2,3	001	2,38	01	
	4.1	Tilt of mast, forward / backward	α/β(°)	6	10	6	10	
	4.1	Height, mast lowered O	α/ β () h, (mm)		10	4,09		
	4.3	Free lift	h ₂ (mm)		0	0		
	4.4	Lift ¶ **	h ₃ (mm)		265	4,26		
	4.5	Height, mast extended	h ₄ (mm)		231	6,23		
	4.7	Cab height (open cab) ***	h ₆ (mm)		370	3,37		
	4.7.1	Height of overhead guard (closed cab)	h _s (mm)	3,	406	3,40	06	
	4.7.2	Height of overhead guard (closed cab w/ airco)	h _s (mm)		439	3,43	39	
	4.7.3	Height of overhead guard (closed cab w/ strobe light)	h _s (mm)	3,	538	3,50	38	
	4.7.4	Height of overhead guard (closed cab w/ work lights)	h _s (mm)	3,	597	3,59	97	
	4.7.5	Height of overhead guard (closed cab w/ airco & strobe light)	h ₆ (mm)	3,	612	3,61	12	
	4.8	Seat height relating to SIP •	h ₁₀ (mm)		237	2,23		
	4.12	Coupling height	h ₁₀ (mm)		35	93		
	4.19	Overall length	I ₁ (mm)		321	8,981 6 541		
	4.20	Length to face of forks	I ₂ (mm)		881	6,541 3,220		
10	4.21.2	Overall width across all	b ₂ (mm)		220			
ENSIONS	4.22	Fork dimensions ISO 2331	s/e/I (mm)	$\overline{}$	80 2.440	105 28		
E	4.23	Fork carriage type			unction ork Positioning	Dual Fu Sideshift & For		
					c type	Hook type		
				l non				
▋▀	4.24	Fork carriage width	b ₃ (mm)		040	3,04		
▮ਾ	4.24 4.25	Fork carriage width Distance over fork arms, minimum / maximum	b ₃ (mm)					
▋Ē		-	· ·	3, 1,430 880	040	3,04	10	
Ī	4.25 4.25.1 4.30	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks	b _s (mm) b _s (mm) b _s (mm)	3,/ 1,430 880 +/-385	2,970 2,420 2,200	3,04 1,430 880 +/-385	2,970 2,420 2,200	
-	4.25 4.25.1 4.30 4.31	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm)	3, 1,430 880 +/-385	2,970 2,420 2,200	3,04 1,430 880 +/-385	2,970 2,420 2,200	
-	4.25 4.25.1 4.30 4.31 4.32	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm)	3, 1,430 880 +/-385 2	2,970 2,420 2,200 19	3,04 1,430 880 +/-385 21:	2,970 2,420 2,200 9	
=	4.25 4.25.1 4.30 4.31 4.32 4.33.1	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × I ₆ (mm)	3,1,430 880 +/-385 2 1,800	2,970 2,420 2,200 19 06	3,04 1,430 880 +/-385 211 40	2,970 2,420 2,200 9 6	
=	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12×1 g crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance	b ₅ (mm) b ₅ (mm) b ₆ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm)	3,1,430 880 4/-385 2 4 1,800	2,970 2,420 2,200 19 06 1,800	3,04 1,430 880 +/-385 21: 40 1,800	2,970 2,420 2,200 9 6 1,800	
-	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 18 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance	b ₅ (mm) b ₅ (mm) b ₆ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm)	3,3 1,430 880 4/-385 2 4 1,800	2,970 2,420 2,200 19 06 1,800	3,04 1,430 880 +/-385 21: 40 1,800 9,1:	2,970 2,420 2,200 9 6 1,800	
5	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.1.3	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12×18 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance	b ₅ (mm) b ₅ (mm) b ₆ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) Ast (mm)	3,1,430 880 +/-385 2 4 1,800 8,6	2,970 2,420 2,200 19 06 1,800 315 515	3,04 1,430 880 +/-385 21: 40 1,800 9,1: 9,3:	2,970 2,420 2,200 3 6 1,800 74	
5	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.1.3 4.33.2	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ · l ₆ (mm) Ast (mm) Ast (mm) b ₁₂ · l ₈ (mm) b ₁₂ · l ₈ (mm)	3,3 1,430 880 +/-385 2 4 1,800 8, 8, 9,	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400	3,04 1,430 880 +/-385 21: 40 1,800 9,1; 9,3; 10,0 2,400	2,970 2,420 2,200 3 6 1,800 74 74 74 91	
5	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.1.3	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance	b ₅ (mm) b ₅ (mm) b ₆ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) Ast (mm)	3,1,430 880 +/-385 2 1,800 8, 8, 9, 2,400	2,970 2,420 2,200 19 06 1,800 315 515	3,04 1,430 880 +/-385 21: 40 1,800 9,1: 9,3:	2,970 2,420 2,200 9 6 1,800 74 91 2,400	
5	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.1.3 4.33.2 4.34.2.1	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, deentre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance	b _s (mm) b _s (mm) b _s (mm) c _s (mm) m _s (mm) m _s (mm) b _{sz} × l _s (mm) Ast (mm) Ast (mm) Ast (mm) Ast (mm) Ast (mm) Ast (mm)	3,1 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9,	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400	3,04 1,430 880 +/-385 21: 40 1,800 9,1: 9,3: 10,0 2,400 9,7:	2,970 2,420 2,200 9 6 1,800 74 74 91 2,400	
=	4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.1.3 4.33.2 4.34.2.1 4.34.2.2	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, deentre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Ast (mm) Ast (mm) Ast (mm) Ast (mm)	3,3 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9,	2,970 2,420 2,200 19 06 1,800 315 515 547 2,400	3,04 1,430 880 +/-385 21: 40 1,800 9,1: 9,3: 10,0 2,400 9,7:	2,970 2,420 2,200 9 6 1,800 74 74 991 2,400	
=	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.3 4.34.2.1 4.34.2.2 4.34.2.3	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance	b ₅ (mm) b ₅ (mm) b ₆ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm)	3,3 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9,	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 915	3,04 1,430 880 4/-385 21: 40 1,800 9,17: 9,37: 9,97: 9,97: 10,7	2,970 2,420 2,200 9 6 1,800 74 2,400 74 74 75 11 35	
-	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.1 4.34.2.1 4.34.2.2 4.34.2.3 4.35	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, laden, below mast Ground clearance, laden, below mast Load dimension b 12 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius	b₂ (mm) b₂ (mm) b₂ (mm) b₂ (mm) m₁ (mm) m₂ (mm) b₁₂ × l₂ (mm) Ast (mm)	3,3 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9,	2,970 2,420 2,200 19 06 1,800 3315 515 147 2,400 915	3,04 1,430 880 4/-385 21: 40 1,800 9,1: 9,3: 10,0 2,400 9,7: 9,9: 10,7 6,18	2,970 2,420 2,200 9 6 1,800 74 2,400 74 74 75 11 35	
-	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.1 4.34.2.1 4.34.2.2 4.34.2.3 4.35	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 122 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius @ Travel speed, laden / unladen	b₂ (mm) b₂ (mm) b₂ (mm) b₂ (mm) m₁ (mm) m₂ (mm) b₁₂ × l₂ (mm) Ast (mm)	3,1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 2,400	2,970 2,420 2,200 9 9 10 1,800 315 515 1,47 2,400 315 115 307 226	3,04 1,430 880 4/-385 21: 40 1,800 9,1: 9,3: 10,0 2,400 9,7: 9,9: 10,7 6,18	2,970 2,420 2,200 3 6 6 1,800 74 74 91 2,400 74 74 551 55	
	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.2 4.34.1.3 4.33.2 4.34.2.1 4.34.2.3 4.35 4.36	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ●	b₂ (mm) b₂ (mm) b₂ (mm) m₁ (mm) m₂ (mm) b½ × l₂ (mm) Ast (mm)	3,3 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 2,400	2,970 2,420 2,200 19 06 1,800 315 515 515 147 2,400 915 115 807	3,04 1,430 880 +/-385 21: 40 1,800 9,1: 9,3: 10,0 2,400 9,7: 9,9: 10,7 6,18 2,5i	2,970 2,420 2,200 9 6 1,800 74 2,400 74 74 74 75 135	
	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.2 4.34.1.3 4.33.2 4.34.2.1 4.34.2.2 4.34.2.3 4.35 4.36	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelibase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) A	3,1,430 880 +/-385 2 4 1,800 8,3 9,2,400 8,3 9,5,5,2,1	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 915 115 115 115 115 117 2,400 915 115 117 2,400 917 117 118 118 118 119 119 119 119 119 119 119	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,9; 10,7 6,18 2,58	2,970 2,420 2,200 3 6 6 1,800 74 74 74 74 74 74 75 11 2,400 74 74 74 74 75 75 75 76 77 78 78 78 78 78 78 78 78 78 78 78 78	
IANDE DATA DI	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.2 4.34.1.3 4.34.2 4.34.2.3 4.34.2 4.34.2 4.36 5.1 5.2 5.2 5.2 5.3	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ® Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s m/s	3,1,430 880 +/-385 2 4 1,800 8,, 8,, 9, 2,400 8,, 9, 2,400 2,5, 2,000 2,5, 2,000 2,5, 2,000 2,5, 2,000	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 315 115 326 326 0.35 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,5; 10,7 6,11; 2,56	2,970 2,420 2,200 3 6 6 1,800 74 74 91 2,400 74 74 151 35 39 25 0,359 4	
MANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.3 4.34.2.3 4.35 4.36 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways without operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen ×	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) A	3,1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 9, 2,400 2,5, 2,000 1,5, 2,000 1,97	2,970 2,420 2,200 19 06 1,800 315 15 117 2,400 316 118 307 326 304 25 0.35 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,9; 10,7 6,18 2,56	2,970 2,420 2,200 9 6 1,800 74 91 2,400 74 74 75 135 389 25 0,359 4	
MANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2 4.34.2 4.34.2 4.35 4.35 4.36 5.1 5.2 5.2 5.5 5.5 5.5	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, adden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen *	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s kN kN	3,1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 9, 5, 2,000	2,970 2,420 2,200 19 06 1,800 115 1515 147 2,400 2115 115 2,400 316 40 25 0,35 34 0,50 201 243	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,9; 10,7 6,18 2,56 25 0.33 0.3 0.50 197 239	2,970 2,420 2,200 9 6 1,800 74 911 2,400 74 74 151 35 389 25 0,359 4 0,50 201 243	
	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.2 4.34.2.3 4.35 4.36 5.1 5.2 5.2 5.5 5.5 5.5 5.5	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen *	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s kN kN %	3) 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 5, 22 25 0.33 0. 0.50 197 239	040 2,970 2,420 2,200 19 06 1,800 315 515 515 147 2,400 315 515 115 007 326 0.36 34 0.50 201 243 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,17: 9,37: 9,37: 10,7 6,11 2,56 25 0.33 0.50 197 239 34	2,970 2,420 2,200 9 6 6 1,800 74 74 91 2,400 74 74 75 15 135 35 39 25 0,359 4 0,50 201 243 35	
MANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2 4.34.2 4.34.2 4.35 4.35 4.36 5.1 5.2 5.2 5.5 5.5 5.5	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, adden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen *	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s kN kN	3,1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 9, 5, 2,000	2,970 2,420 2,200 19 06 1,800 115 1515 147 2,400 2115 115 2,400 316 40 25 0,35 34 0,50 201 243	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,9; 10,7 6,18 2,56 25 0.33 0.3 0.50 197 239	2,970 2,420 2,200 9 6 1,800 74 911 2,400 74 74 151 35 389 25 0,359 4 0,50 201 243	
MANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.2 4.34.2.1 4.34.2.3 4.35 4.36 5.1 5.2 5.2 5.5 5.5 5.5 5.7 5.7	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Gradeability, laden / unladen * Gradeability, laden / unladen *	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s kN kN %	3) 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 5, 2, 25 0.33 0.050 197 239 34 43	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 315 515 147 2,400 316 115 326 340 0.50 201 243 34 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,17: 9,37: 9,37: 10,7 6,11 2,56 25 0.33 0.50 197 239 34 42	2,970 2,420 2,200 9 6 6 1,800 74 74 91 2,400 74 74 75 135 35 389 25 0,359 4 0,50 201 243 35 35	
MANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.1 4.34.1.2 4.34.2.2 4.34.2.1 4.34.2.3 4.35 4.36 5.1 5.2 5.5 5.5 5.5 5.5 5.7 5.7 5.7	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, laden, below mast Ground clearance, laden, below mast Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * † Gradeability, laden / unladen * † Gradeability, laden / unladen * †	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) A	3) 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 5, 2,2) 25 0.33 0.050 197 239 34 43	2,970 2,420 2,200 19 06 1,800 315 515 515 147 2,400 315 515 040 25 0,35 34 0,50 201 243 34 34 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1: 9,3: 10,0 2,400 9,7: 9,9: 10,7 6,1:1 2,5: 25 0.33 0.3 0.50 197 239 34 42	2,970 2,420 2,200 3 6 6 1,800 74 74 91 2,400 74 74 75 15 15 35 39 25 0,359 4 0.50 201 243 35 35	
MANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.34.1.1 4.34.1.2 4.34.1.3 4.33.2 4.34.2.3 4.35 4.35 4.35 5.5 5.5 5.5 5.5 5.5 5.5 5.7 5.7,1	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, laden, below mast Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Gradeability * Gradeab	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) A	3) 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 2,400 1,55, 2, 25 0.33 0.050 197 197 239 34 43	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 915 115 907 3226 0,35 34 0,50 201 243 34 34 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1: 9,3: 10,0 2,400 9,7: 9,9: 10,7 6,11: 2,5: 25 0.33 0.50 197 239 34 42 22:	2,970 2,420 2,420 2,200 3 6 6 1,800 74 74 91 2,400 74 74 551 35 39 25 0.359 4 0.50 201 243 35 35	
PERFORMANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.34.1.1 4.34.1.2 4.34.1.3 4.32 4.34.2 4.34.2 5.5 5.5 5.5 5.5 5.5 5.5 5.7 5.7 5.7 5.7	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelibase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 2430 × 2430 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius ■ Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Drawbar pull, laden / unladen Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Tradeability, laden / unladen * Gradeability, laden / unladen * Working pressure for attachments Oil volume for attachments Oil volume for attachments	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) A	3) 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 5, 2, 25 0.33 0. 0.50 197 239 34 43	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 915 326 0,35 334 0,50 201 243 34 34 34 225 00 37	3,04 1,430 880 +/-385 21: 40 1,800 1,800 1,800 2,400 2,400 1,7: 9,7: 9,9: 10,7 6,14 2,5: 25 0.33 0.50 197 239 34 42 22: 100	2,970 2,420 2,200 3 6 6 1,800 74 74 74 91 2,400 74 74 74 75 11 35 39 25 0.359 4 0.50 201 243 35 35	
PERFORMANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.34.1.1 4.34.1.2 4.34.2.3 4.34.2.3 4.35 4.35 5.5 5.5 5.5 5.5 5.7 5.7 10.1 10.2 10.3 10.4	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelibase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Frawbar pull, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Working pressure for attachments Oil volume for attachments Oil volume for attachments Hydraulic oil tank, capacity Fuel tank, capacity	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) A	3,1,430 880 +/-385 2 1,800 8,3 3,4 2,400 8,3 9, 2,400 8,3 9, 2,400 1,5,5 2,7 2,7 2,5 1,7 2,7 2,7 2,7 3,7 4,3 4,3 4,3 4,3 4,3 4,3 4,3 4,3 4,3 4,4 4,4	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 915 115 115 115 115 116 240 25 0.35 34 0.50 201 243 34 34 34 34	3,04 1,430 880 +/-385 21: 40 1,800 1,800 1,800 2,400 2,400 9,7; 9,9; 10,7 6,18 2,58 25 0.33 0.50 197 239 34 42 222 100 276	2,970 2,420 2,420 2,200 3 6 1,800 74 74 74 74 74 74 74 75 10 10 10 10 10 10 10 10 10 10	
PERFORMANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.34.1.1 4.34.1.2 4.34.2.3 4.34.2.3 4.35 4.35 5.5 5.5 5.5 5.5 5.7.1 10.1 10.2 10.3 10.4 10.5	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 00 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lowering speed, laden / unladen Lowering speed, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Working pressure for attachments Oil volume for attachments Oil volume for attachments Hydraulic oil tank, capacity Fuel tank, capacity Steering design	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) A	3,1,430 880 +/-385 2 4 1,800 8,8,9, 2,400 8,9, 9,0 5,7, 2,0 25 0.33 0.50 197 239 34 43 43 Hydraulic pc	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 315 315 326 34 0.50 201 243 34 34 34 34 34 34 34 34 34 34 34 34 3	3,04 1,430 880 +/-385 21: 40 1,800 1,800 1,800 2,400 2,400 9,7; 9,9; 10,7 6,18 2,56 25 0.33 0.50 197 239 34 42 100 274 366 Hydraulic pov	2,970 2,420 2,200 3 6 1,800 74 74 74 91 2,400 74 74 75 11 35 35 35 35 35 4 4 ver steering	
DITTONAL DATA PERFORMANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.34.1.1 4.34.1.2 4.34.2.3 4.35 4.35 4.35 4.35 5.5 5.5 5.5.1 5.7 5.7 5.7.1 10.1 10.2 10.3 10.4 10.5 10.6	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Working pressure for attachments Dil volume for attachments Dil volume for attachments Hydraulic oil tank, capacity Fuel tank, capacity Steering design Number of steering rotation	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s kN kN % bar l	3,1,430 880 4/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 2,400 1,5, 2, 25 0,33 0,50 197 239 34 43 43 43 43 43 44 43	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 315 115 307 326 040 25 0.35 34 0.50 201 243 34 34 34 34 34 34 34 34 34 34 34 34 3	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,9; 10,7 6,18 2,56 25 0.33 0.50 197 239 34 42 22: 100 274 366 Hydraulic pov	2,970 2,420 2,420 2,200 9 6 1,800 74 74 91 2,400 74 74 51 35 35 0,359 4 0,50 201 243 35 35 35 4 ver steering	
PERFORMANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.33.1 4.34.1.2 4.34.1.3 4.34.2 4.34.2 4.34.2 5.5 5.5 5.5 5.5 5.7 5.7 5.7.1 10.2 10.3 10.4 10.5 10.6	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelbase Load dimension b 12 × 16 Crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 Crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Working pressure for attachments Oil volume for attachments Hydraulic oil tank, capacity Steering design Number of steering rotation Sound pressure level at the driver's seat LpAZ *	b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l ₆ (mm) Ast (mm) A	3) 1,430 880 +/-385 2 4 1,800 8, 9, 2,400 8, 9, 5, 22) 25 0,33 0,050 197 239 34 43 43 Hydraulic pc	040 2,970 2,420 2,200 19 90 10 11,800 315 515 515 147 2,400 315 115 326 340 25 0,35 34 0.50 201 243 34 34 34 34 34 34 34 34 34 34 36 37 36 37 36 38 38 38 38 38 38 38 38 38 38 38 38 38	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,17: 9,33 10,0 2,400 9,77: 6,11 2,56 25 0.33 0.3 0.50 197 239 34 42 222 100 277 366 189 197 366 Hydraulic pov	2,970 2,420 2,200 9 1 1,800 74 74 91 2,400 74 74 75 11 35 35 35 0,359 4 0,50 201 243 35 35 35	
DITTONAL DATA PERFORMANCE DATA	4.25 4.25.1 4.30 4.31 4.32 4.34.1.1 4.34.1.2 4.34.2.3 4.35 4.35 4.35 4.35 5.5 5.5 5.5.1 5.7 5.7 5.7.1 10.1 10.2 10.3 10.4 10.5 10.6	Distance over fork arms, minimum / maximum Distance over fork arms, minimum / maximum Sideshift @ width over forks Ground clearance, centre of wheelbase Load dimension b 12 × 16 crossways Aisle width for pallets 1830 × 1830 crossways without operating clearance Aisle width for pallets 1830 × 1830 crossways with 200 mm operating clearance Aisle width for pallets 1830 × 1830 crossways with 10% operating clearance Load dimension b 12 × 16 crossways Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 200 mm operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Aisle width for pallets 2440 × 2440 crossways with 10% operating clearance Turning radius Internal turning radius ● Travel speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen Lift speed, laden / unladen * Drawbar pull, laden / unladen * Drawbar pull, laden / unladen * Gradeability, laden / unladen * Working pressure for attachments Dil volume for attachments Dil volume for attachments Hydraulic oil tank, capacity Fuel tank, capacity Steering design Number of steering rotation	b _s (mm) b _s (mm) b _s (mm) b _s (mm) m ₁ (mm) m ₂ (mm) b ₁₂ × l _s (mm) Ast (mm) Wa (mm) b ₁₃ (mm) km/h m/s m/s kN kN % bar l	3) 1,430 880 +/-385 2 4 1,800 8, 8, 9, 2,400 8, 9, 5, 22) 25 0.33 0. 0.50 197 239 34 43 43 43 Hydraulic po	2,970 2,420 2,200 19 06 1,800 315 515 147 2,400 315 115 307 326 040 25 0.35 34 0.50 201 243 34 34 34 34 34 34 34 34 34 34 34 34 3	3,04 1,430 880 +/-385 21: 40 1,800 1,800 9,1; 9,3; 10,0 2,400 9,7; 9,9; 10,7 6,18 2,56 25 0.33 0.50 197 239 34 42 22: 100 274 366 Hydraulic pov	2,970 2,420 2,200 9 6 6 1,800 74 74 91 2,400 74 74 91 2,400 74 4 75 51 35 39 25 0,359 4 0,50 201 243 35 35 35 35	

Specification data is based on VDI 2198

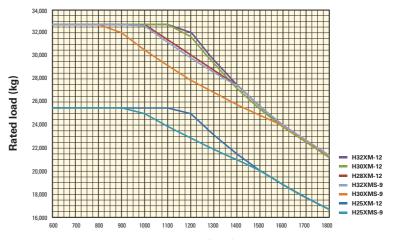
ну	STER	HYS	TER	нуѕ	TER	ну	STER	НУ	STER	1.1	ES.
H28>	KM-12	H30)	KMS-9	H30)	KM-12	H32	XMS-9	H3	2XM-12	1.2	DISTINGUISH
Die	esel	Di	esel	Di	esel	D	esel	1	Diesel	1.3	
	eat		eat		eat		eat		seat	1.4	
	28		9.70		30		1.95		32	1.5	ING MARKS
	200		900		200		900		1,200	1.6	
	274 315		274 935		274 315		,935		1,274 4,825	1.8	-
4,	313	ა,	333	4,	313		,930		4,023	1.3	
44	,688	44	,439	45	,383	4:	5,049	4	4,919	2.1	£
66,910	5,778	68,971	5,168	70,133	5,251	72,512	4,487	71,254	5,665	2.2	RIGHTS
22,857	21,832	22,862	21,577	22,932	22,451	22,910	22,139	22,847	22,073	2.3	SI
I	L		L		L		L		L	3.1	
16.00 - 2	25 32PR	16.00 -	25 32PR		25 32PR		25 32PR		- 25 32PR	3.2	TYRES & CHASSIS
	25 32PR		25 32PR		25 32PR		25 32PR		- 25 32PR	3.3	æ 8
x 4	2	x 4	2	x 4	2	x 4	2	x 4	2	3.5	Ĭ
	424	-	424		124		424		2,424	3.6	Sis
2,3	338	2,	338	2,3	338	2	338	-	2,338	3.7	_
	10	6	10				10		10	4.1	
6 4.2	10	6	10	6	0 224	6	10	6	10 1,224	4.1	
	0		0		0		0	· '	0	4.2	
	265		265		265		265	,	1,265	4.4	
	356		356		356		356		5,356	4.5	
	466		466		466		466		3,466	4.7	
	502		502		502		502		3,502	4.7.1	
3,5	535	3,	535	3,1	535	3	535	3	3,535	4.7.2	
3,6	634	3,1	634	3,1	634	3,535 3,634		:	3,634	4.7.3	
3,6	693	3,1	693	3,0	693	3	693	3	3,693	4.7.4	
3,7	708	3,	708	3,7	708	3	708	1	3,708	4.7.5	
2,3	333	2,	333	2,3	333	2,	333		2,333	4.8	
1,0			031	1,1			031		,031	4.12	
	066		686		066		686),576	4.19	
	626		246		526		246		7,136	4.20	
	430 800 2.440		430 300 2.440		430 00 2.440		430		3,430	4.21.2	
	300 2.440 Function		2.440 unction		00 2.440 unction		00 2.440 function		300 2.440 Function	4.22	9
Sideshift & Fo	ork Positioning k type	Sideshift & Fo	ork Positioning k type	Sideshift & Fo	ork Positioning k type	Sideshift & F	ork Positioning k type	Sideshift &	Fork Positioning ok type	4.23	DIMENSIONS
3,2	200	3,	200		200	3	200		3,200	4.24	25
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	+/-415	2,310	+/-415	2,310	4.30	-
	27		27 02		27		27		227 502	4.31	-
1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	4.32	-
	259		765	· ·	259	- 1	765	<u> </u>),922	4.34.1.1	-
	459		965		459		965		0,122	4.34.1.2	
	185		642		185		642		0,914	4.34.1.3	
2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	4.33.2	
	859		365		359		365		0,522	4.34.2.1	
10,	059	9,	565	10,	059	9	565	1	0,722	4.34.2.2	
10,	845		302		845		,302		1,574	4.34.2.3	
	185		691		185		691		5,848	4.35	
2,5	589	2,	273	2,	589	2	273		3,013	4.36	
						-					
25	25	25	25	25	25	25	25	25	25	5.1	
0.27	0.29	0.27	0.29	0.27	0.29	0.27	0.29	0.27	0.29	5.2	3
	1.28		0.28		.28		0.28		0.28	5.2.1	PERFORMANCE DATA
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	5.3	員
198	203	198	203	198	203	197	203	197	203	5.5	Ä
241	245	240	245	240	245	240	245	240	245	5.5.1	E
29 36	35 35	28 35	35 35	28 34	35 35	27 33	34 34	27 34	36 36	5.7 5.7.1	
30	30	30	33	34	30	33	34	34	30	3.7.1	
	205		205		ne .		225		225	10.1	
	225		225		00		225 100		225 100	10.1	
	274		274		174		274		274	10.2	P
	364		364		364		364		364	10.3	
	ower steering		ower steering		ower steering		ower steering		power steering	10.5	ADDITIONAL DATA
	6		6		6	,2.22.0	6	,	6	10.6	
	BD		BD		BD	1	BD		TBD	10.7	1
I.											-
	BD	T	BD	Т	BD		TBD TBD		TBD	10.7.1	
T	BD :/ Pin		BD :/ Pin		BD / Pin		BD s / Pin		TBD es / Pin	10.7.1	

TRUCK DIMENSIONS



CAPACITY RATINGS

STANDARD PIN TYPE CARRIAGE

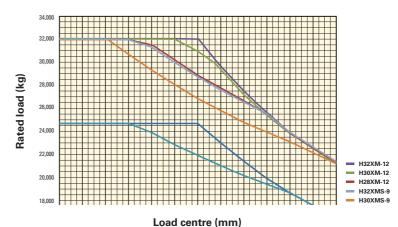


Load centre (mm)

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 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.

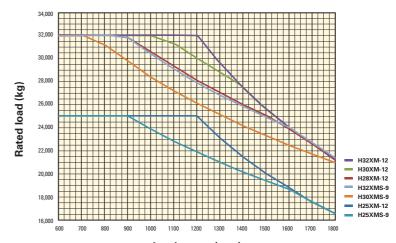
SIDESHIFT PIN TYPE CARRIAGE



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 $105 \times 280 \times 2440$ 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.

NOTE

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.

- O Unladen with new tyres
- $\P \ \ \mathsf{Bottom} \ \mathsf{of} \ \mathsf{forks}$
- Full suspension seat in depressed position
- ‡ 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.

C € Safety: This truck conforms to the current EU requirements.

MAST AND CAPACITY INFORMATION

Mono Mast	Lift Lowered					d Coil ram nm side shift	Pin Type Side Shift carriage mounted coil ram		
	height h ₃ (mm)	height h ₁ (mm)	height h ₂ (mm)	h ₄ Capacity		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 @ 1.200 MM

Mast	Lift Lowered 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 ₁ (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	
	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		eight 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 ₁ (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	
2 Stage Hi L	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 Lowered height		Free lift 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, (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	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 Quickdisconnect 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 @ 1 200 mm

Mast	Lift Lowered 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 ₁ (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	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	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, (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	Lift Lowere height height		Free lift 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, (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
2 0 4 9 1 1 2	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

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

	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
불	7.3	Rated speed	min-1
POWER UNIT	7.3.1	Torque at 1/min	Nm / min ⁻¹
Ē	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)

DRIVETRAIN	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	

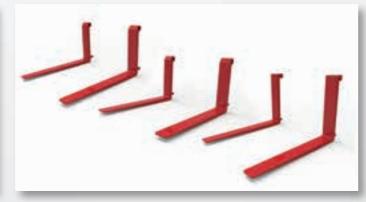
Cummii	ns QSB 6.7	Cummins QSB 6.7	
194	2,200	194	2,200
201	2,000	201	2,000
2	,000	2,000	
990	1,500	990	1,500
6	6,690	6	6,690
On r	equest	On request	
	120	120	
24	102	24	102

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 Side shift frame carriage – Pin type forks



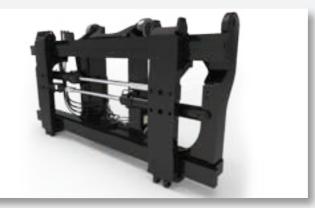
3.100 mm wide Carriage with Fork Positioning
– Individual Fork Control – Pin type forks



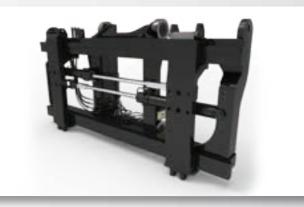
3.100 mm wide Side shift frame carriage with Fork Positioning

— Individual Fork Control — Pin type forks

FRONT END EQUIPMENT



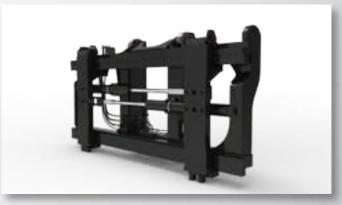
3.040 mm wide hook type mount Dual Function carriage with Side shift and Fork Positioning – Individual Fork Control – Hook type forks



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 frame pin type mount Integrated Coil Ram carriage



Coil ram

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.

10

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.



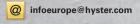


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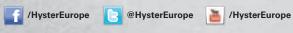
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