

HIRE

SALES

SERVICE

LEASE

TRANSPORT

H48XM-12 FORKLIFT

48.0T DIESEL HEAVY DUTY FORKLIFT



H40XM-12/H44XM-12/H48XM-12 SPECIFICATIONS

				HYSTER	HYSTER	HYSTER	
GENERAL	1-1	Manufacturer		HYSTER	HYSTER	HYSTER	
	1-2	Model designation		H40XM-12	H44XM-12	H48XM-12	
	1-3	Drive		Diesel	Diesel	Diesel	
	1-4	Operator type		Seated	Seated	Seated	
	1-5	Load capacity, nominal (1)	Q	kg	40,000	44,000	48,000
	1-6	Load center distance	c ₁	mm	1,200	1,200	1,200
	1-8	Load distance, centre of drive axle to fork	x	mm	1,255	1,255	1,255
	1-9	Wheelbase	y	mm	5,900	5,900	5,900
	WT.	2-1	Service weight (6)		kg	50,120	52,350
2-2		Axle loading with load, front / rear		kg	85,070 5,050	90,730 5,620	96,740 6,410
2-3		Axle loading without load, front / rear		kg	28,730 21,390	28,755 23,595	29,135 26,015
WHEELS	3-1	Tyre type			Pneumatic	Pneumatic	Pneumatic
	3-2	Tyre size, front (5)			18.00-25 40PR	18.00-25 40PR	18.00-25 40PR
	3-3	Tyre size, rear			18.00-25 40PR	18.00-25 40PR	18.00-25 40PR
	3-5	Wheels, number front / rear (x = driven wheels)			x 4 / 2	x 4 / 2	x 4 / 2
	3-6	Tread, front	b ₁₀	mm	3,703	3,703	3,703
	3-7	Tread, rear	b ₁₁	mm	3,020	3,020	3,020
	DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	6° / 10°	6° / 10°
4-2		Height, mast lowered (2)	h ₁	mm	5,183	5,183	5,183
4-3		Free lift	h ₂	mm	0	0	0
4-4		Lift (3)	h ₃	mm	4,267	4,267	4,267
4-5		Height, mast extended	h ₄	mm	7,316	7,316	7,316
4-7		Height of overhead guard / steel cab	h ₆	mm	3,880 3,916	3,880 3,916	3,880 3,916
4-7-1		Cab height without airco / with airco	h ₆	mm	3,916 3,949	3,916 3,949	3,916 3,949
4-7-2		Cab height w/o airco w/ strobe light	h ₆	mm	4,084	4,084	4,084
4-7-3		Cab height w/o airco w/ cab mounted work lights	h ₆	mm	4,107	4,107	4,107
4-8		Seat height to SIP (4)	h ₇	mm	2,700	2,700	2,700
4-12		Coupling height	h ₁₀	mm	NA	NA	NA
4-19		Overall length	l ₁	mm	10,638	10,638	10,638
4-20		Length to load face of attachment	l ₂	mm	8,198	8,198	8,198
4-21		Overall width	b ₂	mm	4,200	4,200	4,200
4-22		Fork dimensions ISO 2331	s/e/l	mm	140 / 300 / 2,440	140 / 300 / 2,440	140 / 300 / 2,440
4-23		Carriage type			Quick Disconnect Pin type with individual fork positioner	Quick Disconnect Pin type with individual fork positioner	Quick Disconnect Pin type with individual fork positioner
4-24		Fork carriage width	b ₃	mm	3,150	3,150	3,150
4-25		Distance over fork arms, minimum / maximum	b ₅	mm	1,509 2,855	1,509 2,855	1,509 2,855
4-30		Sideshift @ width over forks	b ₈	mm	+/- 305	+/- 305	+/- 305
4-31		Ground clearance, laden, below mast	m ₁	mm	371	371	371
4-32		Ground clearance, center or wheelbase	m ₂	mm	442	442	442
4-33		Load dimension b ₁₂ x l ₆ crossways		mm	2,400 2,400	2,400 2,400	2,400 2,400
4-34-1		Aisle width predetermined load dimensions (a = 10% of Ast)	A _{st}	mm	12,591	12,591	12,591
4-34-2	Aisle width predetermined load dimensions (a = 200 mm)	A _{st}	mm	11,646	11,646	11,646	
4-35	Outside turning radius	W _a	mm	7,791	7,791	7,791	
4-36	Internal turning radius (8)	b ₁₃	mm	2,963	2,963	2,963	
PERFORMANCE	5-1	Travel speed, with / without load		km/h	19 20	19 20	19 20
	5-1-1	Travel speed, with load locked / without load		m/s	On request	On request	On request
	5-2	Lifting speed, with / without load		m/s	0.21 0.23	0.21 0.23	0.21 0.23
	5-2-1	Lifting speed, with 70% load		m/s	0.22	0.22	0.22
	5-3	Lowering speed with / without load		m/s	0.50 0.50	0.50 0.50	0.50 0.50
	5-5	Drawbar pull - 1.6 km/h, with / without load (7)		kN	323 330	323 330	322 330
	5-7	Gradeability - 1.6 km/h, with / without load (9)		%	33 43	32 44	31 41
	5-8	Gradeability - stall, with / without load (9)		%	33 43	32 44	31 41
	5-9	Acceleration time, with / without load		sec	On request	On request	On request

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