

H9XD-EC8 FORKLIFT

9.0T DIESEL CONTAINER HANDLER



H9XD-EC8 / H9XD-ECD7 / H9XD-ECD8 SPECIFICATIONS <

				HYSTER		HYSTER		HYSTER			
				H9XD-EC8		H9XD-ECD7		H9XD-ECD8			
GENERAL	1-1	Manufacturer									
	1-2	Model designation									
	1-3	Drive				Diesel		Diesel			
	1-4	Operator type				Seated		Seated			
	1-5	Load capacity, nominal (1)	Q	kg	9,000		9,000		9,000		
	1-6	Load centre distance	c ₁	mm	1,220		1,220		1,220		
	1-8	Load distance, centre of drive axle to front of side lift spreader	x	mm	1,280		1,309		1,309		
	1-9	Wheelbase	y	mm	4,500		4,500		4,500		
	1-10	Stacking height at first row (number x container height)	#		8 x 8' 6"		6+1 x 8' 6"		7+1 x 8' 6"		
	1-10	Stacking height at first row (number x container height)	#		7 x 9' 6"		5+1 x 9' 6"		6+1 x 9' 6"		
WEIGHT	2-1	Service weight				41,437		39,468		40,853	
	2-2	Axle loading with load, front / rear				39,896 10,540		39,088 9,380		40,602 9,251	
	2-3	Axle loading without load, front / rear				25,896 15,540		25,030 14,438		26,544 14,309	
WHEELS	3-1	Tyre type				Pneumatic		Pneumatic		Pneumatic	
	3-2	Tyre size, front				14.00 - 24 24PR		14.00 - 24 24PR		14.00 - 24 24PR	
	3-3	Tyre size, rear				14.00 - 24 24PR		14.00 - 24 24PR		14.00 - 24 24PR	
	3-5	Wheels, number front / rear (x = driven wheels)				x4 / 2		x4 / 2		x4 / 2	
	3-6	Tread, front	b ₁₀	mm	3,507		3,282		3,282		
	3-7	Tread, rear	b ₁₁	mm	2,108		2,108		2,108		
DIMENSIONS	4-1	Mast tilt, forward / backward		α/β		deg		4 / 3		4 / 3	
	4-2	Height, mast lowered		h ₁		mm		12,095		9,495	
	4-3	Free lift		h ₂		mm		0		0	
	4-4	Lift		h ₃		mm		19,050		13,850	
	4-4-1	Lift height, minimum (3)		h _{3.1.1}		mm		2,318		2,472	
	4-4-2	Lift height, maximum (3)		h _{3.1.2}		mm		21,368		16,322	
	4-5	Height, mast extended		h ₄		mm		21,620		16,420	
	4-7	Height of overhead guard (closed cab) (4)		h ₆		mm		3,844		3,844	
	4-7-2	Height of overhead guard (closed cab w/ strobe light)		h ₆		mm		3,976		3,976	
	4-7-3	Height of overhead guard (closed cab w/ work lights)		h ₆		mm		4,035		4,035	
	4-8	Seat height to SIP (5)		h ₇		mm		2,676		2,676	
	4-19	Overall length		l ₁		mm		9,185		9,214	
	4-20	Length to load face of attachment		l ₂		mm		6,747		6,776	
	4-21	Overall width		b ₂		mm		4,335		4,110	
	4-24	Spreader width, retracted/extended		b ₃		mm		6,084 12,218		6,566 12,700	
	4-31	Ground clearance, lowest point		m ₁		mm		236		236	
	4-32	Ground clearance, centre or wheelbase		m ₂		mm		383		383	
	4-34-3	Aisle width with 20' Container REDUCED / FULL stroke (6)		Ast ₂₀		mm		10,737 10,267		10,766 10,296	
	4-34-4	Aisle width with 40' Container REDUCED / FULL stroke (6)		Ast ₄₀		mm		14,317 14,019		14,582 14,281	
4-35	Outside turning radius REDUCED / FULL stroke		W _a		mm		6,797 6,327		6,797 6,327		
4-36	Internal turning radius REDUCED / FULL stroke		b ₁₃		mm		3,438 2,620		3,438 2,620		
PERFORMANCE	5-1	Travel speed, with / without load				km/h		20 25		20 25	
	5-2	Lifting speed, with / without load				m/s		0.46 0.62		0.46 0.62	
	5-2-1	Lifting speed, with 70% load				m/s		0.54		0.54	
	5-3	Lowering speed with / without load				m/s		0.55 0.55		0.55 0.55	
	5-5	Drawbar pull - 1.6 km/h, with / without load				kN		147 149		148 149	
	5-6	Drawbar pull - max, with / without load				kN		178 180		178 180	
	5-7	Gradeability - 1.6 km/h, with / without load (7)				%		31 35		33 39	
	5-8	Gradeability - max, with / without load (7)				%		39 35		40 39	

- (1) Raised cabin may result in reduced capacity since the "carry" height will be higher.
- (2) Load capacity at highest container positions may be less, depending on truck model, stacking height and tyres.
- (3) Minimum/maximum height of twistlocks.
- (4) With cab mounted work lights add 191 mm, with strobe light add 132 mm.
- (5) With raised cabin position add 1000 mm.
- (6) Includes 200 mm clearance. FULL / REDUCED steer cylinder stroke.
- (7) Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines.