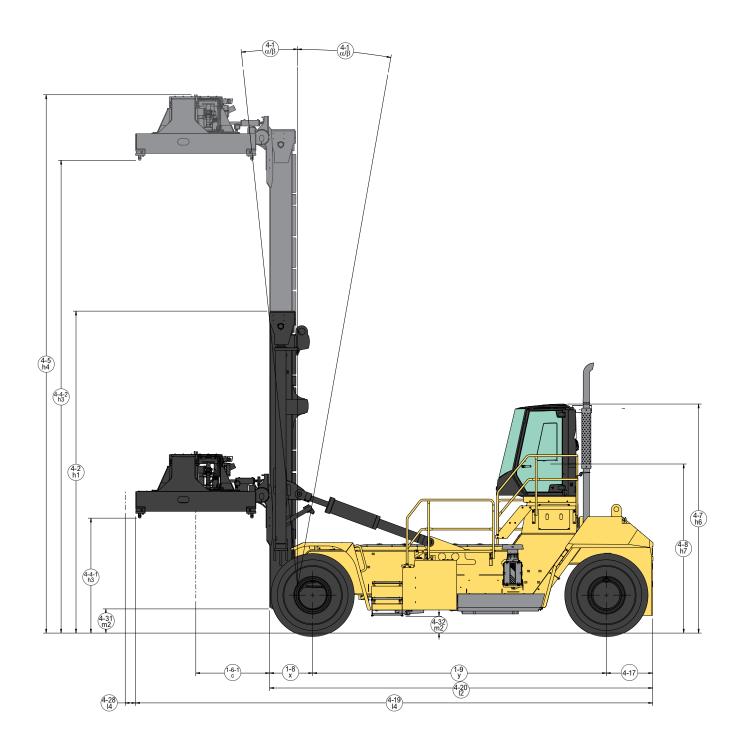
H1050-1150XD-CH SERIES

CONTAINER HANDLER PRODUCT TECHNICAL GUIDE

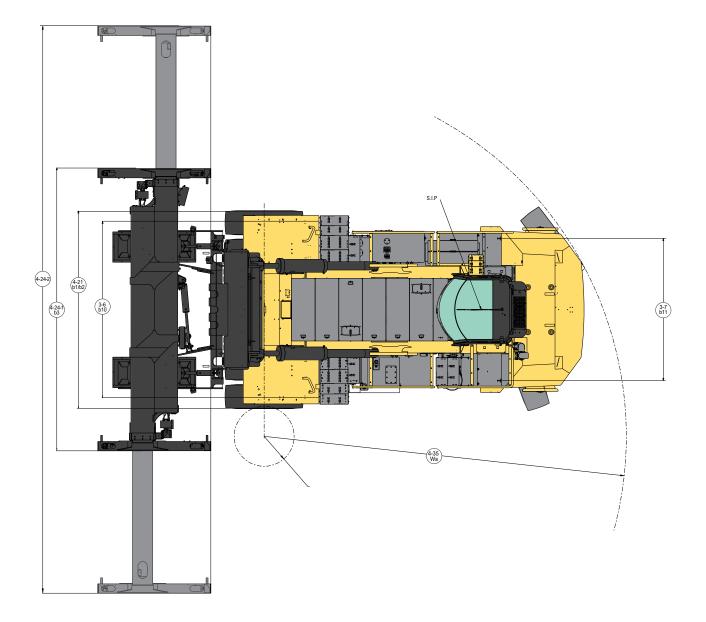


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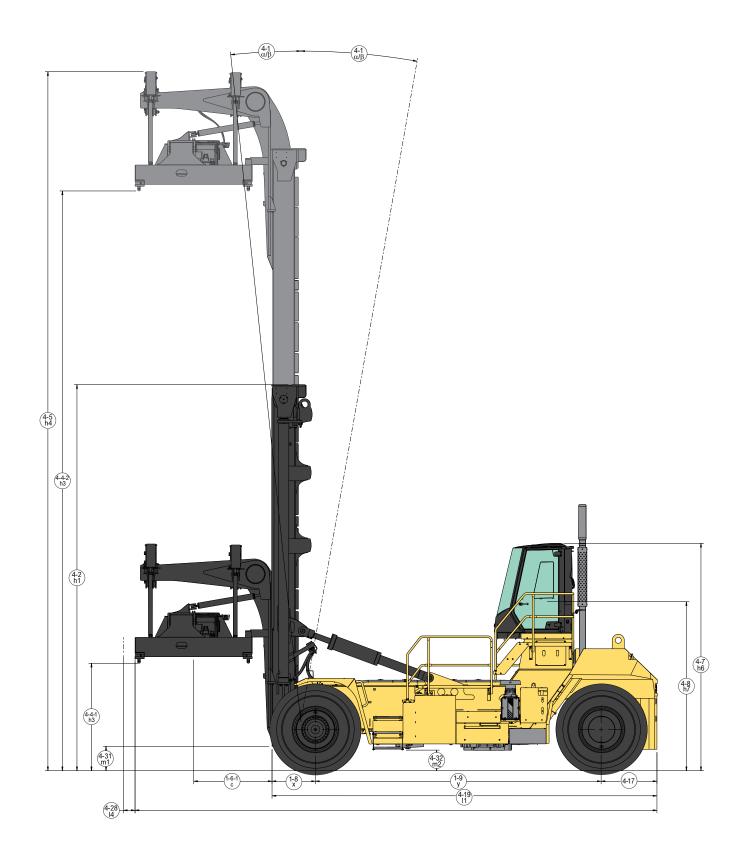
DEDICATED CARRIAGE DIMENSIONS

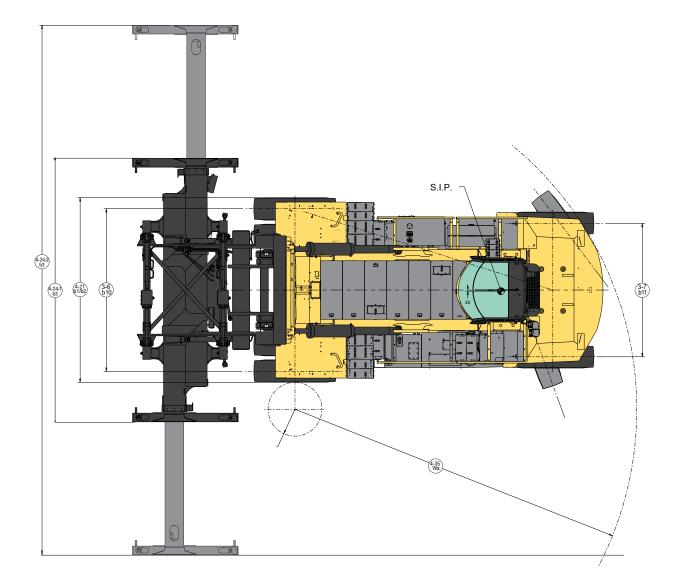


DEDICATED CARRIAGE DIMENSIONS



GANTRY CARRIAGE DIMENSIONS





H1050XD-CH5 | H1150XD-CH 5 HIGH SPECIFICATIONS

		Manufacturer						STER				TER	
		Model designation						XD-CH5				KD-CH5	
	1-3	Powertrain / drivetrain						esel				sel	
	1-4	Operator type Rated load capacity - extended	Q	lb	ka	00	Sea 670	ated	500	90,3		ated 41,	000
RAL	1-5-2	Rated load capacity - retracted	Q	lb	kg kg		390	41,		90,3		41,	
GENERAL		Load center distance - extended	С	in	mm		9	1,7		6		1,7	
3	1-6-2	Load center distance - retracted		in	mm		9	1,5		5		1,5	
	1-8	Load distance (1)	х	in	mm	35	5.4	90	00	35.4		900	
	1-9	Wheelbase	у	in	mm	23	232 5,900		23	232 5,9		00	
		Stacking height at first row (number x container height)						9'6"				< 9'6" < 8'6"	
		Stacking height at first row (number x container height)				100		8'6"	040	100			700
WEIGHTS	2-1	Total truck weight without load (2)		lb	kg		,950		913	169,		76,	
EG	2-2	Axle loading with load, front / rear		lb	kg	232,114	21,226	105,285	9,628	232,466	27,154	105,445	12,317
3	2-3	Axle loading without load, front / rear		lb	kg	105,447	57,503	47,830	26,083	105,793	63,438	47,987	28,775
	3-1 3-2	Tire type						matic 25 40PR				matic 25 40PR	
SLIS	3-2	Tire size, front Tire size, rear						25 40PR				25 40PR	
WHEELS	3-5	Number of tires, front / rear (X driven)						/2			x 4		
3	3-6	Track width, front	b10	in	mm	14	46		703	14		3,7	03
	3-7	Track width, rear	b11	in	mm	12	20	3,0	060	12	0	3,0	60
	4-1	Mast tilt, forward / back	α/β	Deg				10°B			6°F /		
	4-2	Height, mast lowered (3)	h1	in	mm		58 D	9,3		36		9,3	
	4-3	Freelift Lift beight at load contor of minimum (4)	h2	in	mm	()	0)
	4-4-1	Lift height at load center c1, minimum (4) Lift height at load center c1, maximum (4)	h3 h3	in in	mm mm		1 39		953	9 ⁻ 58		2,3	953
	4-4-2	Height, extended	h4	in	mm		39 31		955 298	68			
	4-7	Height, top of operator compartment (closed cab)	h6	in	mm		3.5	4,6		183		17,293 4,660	
		Height, top of operator compartment (closed cab w/o A/C)		in	mm		5.2	4,703		185.2 4,703.0			
	4-7-2	Height, top of operator compartment (closed cab w A/C)		in	mm	18	7.3	4,7	'58	187.3		4,7	58
	4-7-3	Height, top of operator compartment (w strobe light)		in	mm	18	8.2	4,7	'80	188.2		4,7	80
	4-7-4	Height, top of operator compartment (closed cab w work lights)		in	mm	19	0.5	4,8	39	190).5	4,8	39
	4-7-5	Height, top of operator compartment (closed cab w A/C and strobe light)		in	mm	18	8.2	4,7	'80	188	3.2	4,7	80
	4-8	Seat height to seat point index (5)	h7	in	mm		8.8		525		138.8		25
SNO		Overhang		in	mm		3	1,0		43		1,0	
DIMENSIONS	4-19 4-20	Overall length Length to face of spreader	1 2	in in	mm mm		21 14	10,1	698 168	42		10,0 7,9	
MEN	4-20	Overall width across all of truck	b1/b2	in	mm		65	4,2		16		4,2	
I	4-23	Carriage spreader	0 11 0 2	Ту				Gantry			MPS (
	4-24-1	Spreader width, retracted	b3	in	mm	24	40	6,1	00	24		6,1	00
		Spreader width, extended		in	mm	48	30	12,	200	48	0	12,	200
	4-28	Reach distance	14	in	mm	+/-		+/-		+/-		+/-	
		Reach lateral from vehicle center line	b8	in	mm	+/- *		+/-		+/- 1		+/	
	4-31 4-32	Ground clearance, below mast - laden Ground clearance, center of wheelbase	m1 m2	in in	mm mm	14		35		14			57 28
		Aisle width, 20' container (no operating clearance)	Ast	in	mm	46		11,		46		11,	
		Aisle width, 20' container with 7.8" (200 mm) clearance	Ast	in	mm		69		915	46		11,	
	4-34-3	Aisle width, 20' container with 10% operating clearance	Ast	in	mm	50)7	12,		50	7	12,	
		Aisle width, 40' container (no operating clearance)	Ast	in	mm	55	53		045	55	3	14,0	
		Aisle width, 40' container with 7.8" (200 mm) operating clearance	Ast	in	mm	56			245	56		14,:	
		Aisle width, 40' container with 10% operating clearance	Ast	in	mm		08		450	60			450
	4-35	Outside turning radius	Wa	in	mm	31	16)15	31		1. A	15
	5-1	TIER 4F Travel speed, with / without load		mph	km/h	13.0	14.3	R 4F	23	13.0	14.3	R 4F	23
		Travel speed - backwards, with / without load		mph	km/h	13.0	14.3	21	23	13.0	14.3	21	23
	5-2	Lifting speed, with / without load		ft/min	m/s	51	59	0.26	0.30	51	59	0.26	0.30
	5-3	Lowering speed, with / without load		ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	55,753	55,753	248	248	55,753	55,753	248	248
З	5-6	Drawbar pull - max, with / without load		۱b	kN	61,822	61,822	275	275	61,822	61,822	275	275
AAN	5-7 5-7-1	Gradeability - 1 mph (1.6 km/h, with / without load (6) Gradeability - max, with / without load (6)		9	6		4 4		8 6	24			8 6
PERFORMANCE	<u> </u>	TIER 3		7	0	3		R 3				4 R 3	
ERF	5-1	Travel speed, with / without load		mph	km/h	13.0	14.3	21	23	13.0	14.3	21	23
P	5-1-1	Travel speed, with / without load, backwards		mph	km/h	13.0	14.3	21	23	13.0	14.3	21	23
	5-2	Lifting speed, with / without load		ft/min	m/s	51	59	0.26	0.30	51	59	0.26	0.30
	5-3	Lowering speed, with / without load		ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50
	5-5 5-6	Drawbar pull - 1 mph (1.6 km/h), with /without load Drawbar pull - stall, with / without load		lb lb	kN kN	55,753 61,822	55,753 61,822	248 275	248 275	55,753 61,822	55,753 61,822	248 275	248 275
	5-0 5-7	Gradeability - 1 mph (1.6 km/h, with / without load (6)			6 KIN		4		8	01,022			8
	5-8	Gradeability - max, with / without load (6)			6		4		6	34			6

H1150XD-CH6 | H1150XD-CH 6-HIGH SPECIFICATIONS

Image: state in the														
			Manufacturer											
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Total contribute () x m m 33 word S3.4 Word	ENE			С	in	mm			1,7	39	69)		
	9													
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g The size, front 18.00 - 25 dPF 18.00 - 25 dPF <th>_</th> <th></th> <th></th> <th></th> <th>U.</th> <th>кy</th> <th>112,000</th> <th></th> <th></th> <th>20,009</th> <th>114,240</th> <th></th> <th></th> <th>20,072</th>	_				U.	кy	112,000			20,009	114,240			20,072
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4-41 Lih height al oad center 0.1. minimum (4) h3 n nm 91 2.303 91 2.303 4-42 Lih height al load center 0.1. minimum (4) h3 n nm 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 773 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 173 17.853 174 33 157 173 17.853 173 17.853 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>														
4-5 Height, bord operator compartment (closed cab) H4 in nm 795 20,193 799 20,285 4-71 Height, bord operator compartment (closed cab) A/C) in nm 1185.2 4,703 4,778 188.7 4,793.0 4,783 4,848 4-72 Height, bord operator compartment (closed cab w/C) in nm 118.2 4,703 4,785 191.8 4,848 4-74 Height, bord operator compartment (closed cab w/L) in nm 118.2 4,720 191.8 4,848 4-75 Height, bord operator compartment (closed cab w/L) in nm 118.2 4,720 191.8 4,872 4-74 Height, bord operator compartment (closed cab w/L) in nm 138.2 1,220 191.8 4,872 4-75 Height, bord operator compartment (closed cab w/L) in nm 138.2 1,220 191.8 4,901 1,938 4,9 1,938 4,9 1,938 4,9 1,938 4,9 1,938 4,9 1,938 4,9 1,938 4,9 1,938 4,9 1,938 4,9 <td< th=""><th></th><th>4-4-1</th><th>Lift height at load center c1, minimum (4)</th><th>h3</th><th>in</th><th>mm</th><th>91</th><th>1</th><th>2,3</th><th>03</th><th>9.</th><th>1</th><th>2,3</th><th>03</th></td<>		4-4-1	Lift height at load center c1, minimum (4)	h3	in	mm	91	1	2,3	03	9.	1	2,3	03
					in	mm								
4-72 Height. top of operator compartment (closed cab w0 AC) in mm 1852 4/703 4/788 1987 4/788 199.9 4/848 4-72 Height. top of operator compartment (closed cab w0 AC) in mm 1882 4/788 199.9 4/848 4-73 Height. top of operator compartment (closed cab w0 AC) in mm 1882 4/788 191.8 4/21 191.8 4/21 10.698 4/21 10.698 4/21 10.698 4/21 10.698 4/21 10.698 4/21 1														
4-72 Height. top of operator compartment (closed cab w A/C) in mm 197.3 4.78 190.9 4.84 4-7.3 Height. top of operator compartment (closed cab w A/C and strobe light) in mm 198.2 4.780 191.8 4.84 4-7.4 Height. top of operator compartment (closed cab w A/C and strobe light) in mm 190.5 4.83 194.1 4.931 4-43 State light to sate operator compartment (closed cab w A/C and strobe light) in mm 188.2 4.780 191.8 4.872 4-43 Linght. for of operator compartment (closed cab w A/C and strobe light) in mm 188.8 3.525 142.3 3.615 4-17 Deerlang in mm 4.31 1.093 4.31 1.093 4.30 4-20 Length to face of spreader L				h6										
4-7.3 Height, top of operator compartment (v strobe light) in mm 198.2 4.780 191.8 4.872 4-7.4 Height, top of operator compartment (closed cab work light) in mm 190.5 4.83 191.8 4.872 4-7.5 Height, top of operator compartment (closed cab wAC and strobe light) in mm 188.2 4.780 191.8 4.872 4-7.5 Height, top of operator compartment (closed cab wAC and strobe light) in mm 188.2 4.780 191.8 4.872 4-7.5 Height, top of operator compartment (closed cab wAC and strobe light) in mm 188.2 4.780 191.8 4.872 4-19 Overial reight on face of spreader 12 in mm 34.3 1.093 4.3 1.093 4-20 Cerality spreader width, retracted bb/b2 in mm 13.4 7.968 31.4 7.968 4-241 Spreader width, retracted b3 in mm 420 6.100 240 6.100 4-241 S														
4-7-3 Height top of operator compartment (closed cab w A/C and strobe light) in mm 188.2 4.780 191.8 4.872 4-3 Seat height to seat point index (5) h7 in mm 4.33 S.255 142.3 3.615 4-47 Overall leight faint mm 4.43 Logas 4.43 Logas 4.42 10.698 4.21 10.698														
900 h7 in mm 138.8 1,023 142.3 3,615 443 Overlaining in mm 43 1,003 43 1,003 443 Overlaining in mm 43 1,003 43 1,003 443 Overlai with accoss all of truck b1/b2 in mm 421 1,0098 421 1,0098 4420 Length 16 ace of spreader 12 in mm 143 7,968 314 7,968 314 7,968 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,200 4,900 4,200 4,900 4,900 4,900 4,200 4,900 4,200 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,900 4,910 4,17.70 4,922 5,977 1,7.8 4,923 4,941														
9 0 in mm 43 1.03 43 1.093 4-17 0 Overall length I1 in mm 421 10.688 10.77 4232 <t< th=""><th></th><th></th><th></th><th>h7</th><th></th><th></th><th></th><th></th><th colspan="2"></th><th colspan="2"></th><th colspan="2"></th></t<>				h7										
423 Callage spiration inpo inr Statuty inr Statuty inr Statuty 4241 Spreader width, retracted b3 in mm 480 12,200 480 12,200 4242 Spreader width, ettended in mm 480 12,200 480 12,200 423 Spreader width, ettended in mm 44/-15,7 +/-9,1 +/-230 +/-9,1 +/-230 +/-9,1 +/-230 430 Ground clearance, below mast - laden m1 in mm 11,1 357 17.8 452 4341 Aisle width, 20' container (no operating clearance) Ast in mm 461 11,715 461 11,715 4344 Aisle width, 20' container with 10% operating clearance Ast in <mm< td=""> 553 14,045 553 14,045 4344 Aisle width, 40' container with 10% operating clearance Ast in<mm< td=""> 561 14,245 561 14,245 4344 Aisle width, without load mm mm <t< th=""><th>ş</th><th>4-17</th><th></th><th></th><th></th><th></th><th colspan="2"></th><th colspan="2">1,093</th><th colspan="2"></th><th colspan="2"></th></t<></mm<></mm<>	ş	4-17							1,093					
423 Callage spiration inpo inr Statuty inr Statuty inr Statuty 4241 Spreader width, retracted b3 in mm 480 12,200 480 12,200 4242 Spreader width, ettended in mm 480 12,200 480 12,200 423 Spreader width, ettended in mm 44/-15,7 +/-9,1 +/-230 +/-9,1 +/-230 +/-9,1 +/-230 430 Ground clearance, below mast - laden m1 in mm 11,1 357 17.8 452 4341 Aisle width, 20' container (no operating clearance) Ast in mm 461 11,715 461 11,715 4344 Aisle width, 20' container with 10% operating clearance Ast in <mm< td=""> 553 14,045 553 14,045 4344 Aisle width, 40' container with 10% operating clearance Ast in<mm< td=""> 561 14,245 561 14,245 4344 Aisle width, without load mm mm <t< th=""><th>loi loi</th><th></th><th></th><th></th><th>in</th><th>mm</th><th colspan="2"></th><th colspan="2"></th><th colspan="2"></th><th colspan="2"></th></t<></mm<></mm<>	loi loi				in	mm								
4-23 Callage spiration intro Soluty intro Soluty intro Soluty intro Soluty 4-24 Spreador width, extended b3 in mm 480 12,200 480 12,200 4-24 Spreador width, extended in mm 440 12,200 480 12,200 4-23 Reach lateral from vehicle center line b8 in mm +/-15,7 +/-400 +/-15,7 +/-400 4-33 Ground clearance, center of wheelbase m1 in mm 12,9 328 16,7 423 4-344 Aisle width, 20' container (no operating clearance) Ast in mm 461 11,715 461 11,715 4-344 Aisle width, 20' container with 78' (200 mm) clearance Ast in mm 553 14,045 553 14,045 4-344 Aisle width, 40' container with 78' (200 mm) operating clearance Ast in mm 561 14,245 561 14,245 4-345 Aisle width, 40' container with 10% operating clearance <th>EN</th> <th></th>	EN													
423 Callage spiration inpo inr Statuty inr Statuty inr Statuty 4241 Spreader width, retracted b3 in mm 480 12,200 480 12,200 4242 Spreader width, ettended in mm 480 12,200 480 12,200 423 Spreader width, ettended in mm 44/-15,7 +/-9,1 +/-230 +/-9,1 +/-230 +/-9,1 +/-230 430 Ground clearance, below mast - laden m1 in mm 11,1 357 17.8 452 4341 Aisle width, 20' container (no operating clearance) Ast in mm 461 11,715 461 11,715 4344 Aisle width, 20' container with 10% operating clearance Ast in <mm< td=""> 553 14,045 553 14,045 4344 Aisle width, 40' container with 10% operating clearance Ast in<mm< td=""> 561 14,245 561 14,245 4344 Aisle width, without load mm mm <t< th=""><th>DIM</th><th></th><th></th><th>b1/b2</th><th></th><th></th><th>19</th><th></th><th></th><th>00</th><th>19</th><th></th><th></th><th>00</th></t<></mm<></mm<>	DIM			b1/b2			19			00	19			00
4-24-22 Spreader width, extended in mm 480 12.200 480 12.200 4-23 Reach latarca ih in mm +/-9.1 +/-2.30 +/-9.1 +/-2.30 4-30 Reach lateral from vehicle center line b8 in mm +/-15.7 +/-4.00 +/-15.7 +/-4.00 +/-2.31 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-9.1 +/-2.30 +/-3.400 +/-1.5.7 +/-4.00 +/-3.43 +/-3.43 Kaise width, 20 container with 7.80 mm 12.90 mm 12.81 Kaise width, 20 container with 7.80 mm Kaise width, 40 container with 7.8'(200 mm) clearance Ast in mm 561 14.245 561 14.245 461 14.245 461 14.245 461				h2			24			00	24			00
4-23 Reach distance I4 in mm +/-9.1 +/-230 +/-9.1 +/-230 4-30 Reach lateral from vehicle center line b8 in mm +/1.5.7 +/-400 +/-9.1 +/-230 4-31 Ground clearance, below mast - laden m1 in mm 14.1 357 17.8 452 4-32 Ground clearance, center of wheelbase m2 in mm 14.1 357 17.8 452 4-34.4 Aisle width, 20' container (no operating clearance) Ast in mm 461 11.715 4661 11.715 4-34.4 Aisle width, 20' container with 7.8' (200 mm) clearance Ast in mm 507 12.85 507 12.85 4-34.4 Aisle width, 40' container (no operating clearance) Ast in mm 501 14.245 561 14.245 4-34.5 Aisle width, 40' container with 7.8' (200 mm) operating clearance Ast in mm 503 14.045 553 14.045 4-34.5 Aisle width, 40' container with 10% operating clearance Ast in				03					· · · · ·					
4-31 Ground clearance, below mast - laden m1 in mm 14.1 357 17.8 452 4-32 Ground clearance, center of wheelbase m2 in mm 12.9 328 16.7 423 4-34-1 Aisle width, 20' container (no operating clearance) Ast in mm 461 11.715 461 11.715 4-34-3 Aisle width, 20' container with 10% operating clearance Ast in mm 507 12.885 507 12.85 4-34-4 Aisle width, 40' container (no operating clearance) Ast in mm 561 14.245 561 14.245 4-34-4 Aisle width, 40' container (no operating clearance) Ast in mm 561 14.245 561 14.245 4-34-5 Aisle width, 40' container with 0% operating clearance Ast in mm 608 15.450 608 15.450 4-34-5 Aisle width, 40' container with 0% operating clearance Ast in mm 608 15.450 608 14.245 4-34-5 Outside turning radius Wa in				14										
4-32 Ground clearance, center of wheelbase m2 in mm 12.9 328 16.7 423 4-34-1 Aisle with, 20' container (no operating clearance) Ast in mm 461 11,715 461 11,715 4-34-3 Aisle with, 20' container with 7.8' (200 cm) clearance Ast in mm 507 12,885 507 12,885 4-34-4 Aisle with, 40' container (no operating clearance) Ast in mm 553 14,045 553 14,045 4-34-4 Aisle with, 40' container (no operating clearance) Ast in mm 561 14,245 561 14,245 4-34-6 Aisle with, 40' container with 7.8' (200 mm) operating clearance Ast in mm 608 15,450 608 15,450 4-34-5 Outside turning radius Wa in mm 301 14.3 21 23 13.0 14.3 21 23 4-35 Outside turning radius Wa in mph km/h 13.0 14.3 21 23 13.0 14.3 21 2			Reach lateral from vehicle center line	b8	in	mm					+/- 1	5.7		
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4-34-2 Aisle width, 20' container with 7.8' (200 mm) clearance Ast in mm 469 11,915 469 11,915 4-34-3 Aisle width, 20' container with 10% operating clearance Ast in mm 507 12,885 507 12,885 4-34-4 Aisle width, 40' container (no operating clearance) Ast in mm 553 14,045 553 14,045 4-34-5 Aisle width, 40' container with 7.8' (200 mm) operating clearance Ast in mm 561 14,245 561 14,245 4-34-6 Aisle width, 40' container with 10% operating clearance Ast in mm 608 8,015 316 8,015 4-35 Outside turning radius Wa in mm 316 8,015 316 8,015 5-1 Travel speed, with / without load mph km/h 13.0 14.3 21 23 13.0 14.3 21 23 5-1 Travel speed, with / without load ft/min m/s 98 98 0.50 0.50 98 98 0.50 0.50														
4-34-3 Aisle width, 20' container with 10% operating clearance Ast in mm 507 12,885 507 12,885 4-34-4 Aisle width, 40' container (no operating clearance) Ast in mm 553 14,045 553 14,045 4-34-5 Aisle width, 40' container with 7.8' (200 mm) operating clearance Ast in mm 561 14,245 561 14,245 4-34-6 Aisle width, 40' container with 10% operating clearance Ast in mm 608 15,450 608 15,450 4-355 Outside turning radius Wa in mm mm 316 8,015 316 8,015 5-1 Travel speed, with / without load mph km/h 13.0 14.3 21 23 13.0 14.3 21 23 5-2 Lifting speed, with / without load ft/min m/s 51 59 0.26 0.30 51 59 0.26 0.30 51 59 0.26 0.30 51 59 0.26 0.30 57.53 57.75 248 248 248														
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4-35 Outside turning radius Wa in mm 316 8,015 316 8,015 TIER 4F TIER 4F TIER 4F TIER 4F 5-1 Travel speed, with / without load mph km/h 13.0 14.3 21 23 13.0 14.3 21 23 5-2 Lifting speed, with / without load ft/min m/s 51 59 0.26 0.30 51 59 0.26 0.30 51 59 0.26 0.30 55 0.26 0.30 5-3 Lowering speed, with / without load ft/min m/s 98 98 0.50 0.50 98 98 0.50 0.50 5-5 Drawbar pull - max, with / without load lb kN 65,753 54,753 55,753 55,753 54,753 52,753 248 248 55,753 248 244 38 24 38 24 38 54 31.0 14.3 21 23 13.0 14.3 21 23 13.0 14.3 21 23		4-34-5	Aisle width, 40' container with 7.8" (200 mm) operating clearance		in	mm								
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5-1-1 Travel speed - backwards, with / without load mph km/h 13.0 14.3 21 23 13.0 14.3 21 23 5-2 Lifting speed, with / without load ft/min m/s 51 59 0.26 0.30 51 59 0.26 0.30 5-3 Lowering speed, with / without load ft/min m/s 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 57 57.53 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753 52.753		5-1			mnh	km/b	13.0			23	13.0			23
5-2 Lifting speed, with / without load ft/min m/s 51 59 0.26 0.30 51 59 0.26 0.30 5-3 Lowering speed, with / without load ft/min m/s 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 98 98 0.50 0.50 57.53 52.753 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>														
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5-1 Index speed, with / without load, backwards 111 13.0 14.3 21 23 10.0 14.3 21 23 5-2 Lifting speed, with / without load ft/min m/s 51 59 0.26 0.30 51 59 0.26 0.30 5-3 Lowering speed, with / without load ft/min m/s 98 98 0.50 0.50 98 98 0.50 0.50 5-5 Drawbar pull - 1 mph (1.6 km/h), with / without load lb kN 55,753 55,753 248 248 55,753 55,753 248 248 248 248 5-6 Drawbar pull - stall, with / without load lb kN 61,822 275 275 61,822 275 275 5-7 Gradeability - 1 mph (1.6 km/h), with / without load (6) % 24 38 24 38	MAN													
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5-1 Index speed, with / without load, backwards Initial fill fill fill fill fill fill fill f	ERF		Travel speed, with / without load		mph			14.3	21			14.3	21	
5-3 Lowering speed, with / without load ft/min m/s 98 98 0.50 98 98 0.50 0.50 98 98 0.50	-	-												
5-5 Drawbar pull - 1 mph (1.6 km/h), with / without load lb kN 55,753 55,753 248 248 55,753 55,753 248 248 5-6 Drawbar pull - stall, with / without load lb kN 61,822 61,822 275 61,822 61,822 275 61,822 61,822 275 61,822 275 275 61,822 275														
5-6 Drawbar pull - stall, with / without load Ib kN 61,822 61,822 275 61,822 61,822 275 275 61,822 275 <														
5-7 Gradeability - 1 mph (1.6 km/h, with / without load (6) % 24 38 24 38														
					9	6								
		5-8	Gradeability - max, with / without load (6)				34	1	4	6	34	1	4	6

POWERTRAINS

						TIE	R 3			TIEF	R 4	
AL	1-1	Manufacturer				HYS	TER			HYST	TER	
GENERAL	1-2	Model designation				H1050-H1	150XD-CH			H1050-11	50XD-CH	
GEI	1-3	Powertrain / drivetrain				Die	sel			Dies	sel	
	7-1	Engine Manufacturer / model			Cummins / X12				Cummin	s / X12		
	7-1a	EPA / CE Compliance			Tier 3 / Stage IIIA			Tier 4 / Stage V				
	7-2	Engine power output - rated	hp	kW	335@2,1	00	250@2	2,100	355@2	2,000	265@2	,000
	7-2-1	Engine power output - peak	hp	kW	370@1,8	00	276@	1,800	380@	1,700	283@1	,700
ENGINE	7-3-1	Engine torque @ rpm (1/min)	lb-ft	N-m	1,235@1	500	1,674@	01500	1,374@	1,400	1,862@	1,400
ENG	7-4	Number of cylinders / displacement	# / in3	# / cm3	6 / 720)	6 / 11	,800	6/7	20	6 / 11,	800
	x	Turbocharger	Ту	/pe	W	astegate, v	vater-cooled		١	Vastegate, w	ater-cooled	
	7-8	Alternator output	An	nps		11	10			12	0	
	7-9	Electrical system voltage	Vo	olts		2	4			24	1	
	7-10	Battery voltage, rated capacity	V	/Ah		24 /	102			24 / 1	102	
	8-0	Drive control / transmission	Ту	/pe	Po	wershift T	ransmission		F	Powershift Tr	ansmission	
	8-1	Type of drive unit	Туре		Torque Converter			Torque Converter				
ш	8-2	Transmission manufacturer / type	Туре		Dana Spicer Off-Highway TE-30			Dana Spicer Off-Highway TE-30			,0	
DRIVE	8-2-1	Transmission speeds forward / backward	#		5/3			5/3				
	8-3	Wheel drive / drive axle manufacturer / type	Туре			Kessler D102			Kessler D102			
	8-4	Service brake	Ту	/pe	Oi	il immerse	d (wet) disc	(wet) disc Oil immer		Dil immersed	sed (wet) disc	
	8-5	Parking brake	Ту	/pe	Spring	apply, dry	disc on drive	axle	Spring apply, dry disc on drive axle			xle
	9-1	Spreader manufacturer /type	Ту	/pe	ELN	ELME / 818 Gantry Top Lift			ELME / 818 Gantry Top Lift			
	9-2	Pile slope type	Ту	/pe	Mechanical Pile Slope			Mechanical Pile Slope				
ŝ	9-3	Size of containers		ft	ISO 20' - 40'			ISO 20' - 40'				
SPREADER	9-4	Side shift	in	mm	+/- 15.	7	+/- 400		+/- 15.7		+/- 400	
PRE	9-5	Pile slope spreader	Deg	grees		+/-	2.5			+/- 2	2.5	
s	9-6	Rotation angle	Deg	grees		+/-	3.0			+/- 3	3.0	
	9-7	Longitudinal adjustment	in	mm	+/- 9.4		+/- 2	240	+/- 9		+/- 2	40
	9-8	Telescoping time, extend / retract	Sec	onds		12 /				12 /		
	10-1	Operating pressure for attachments	psi	bar	2,031		14		2,0		140)
	10-2	Oil volume for attachments	gpm	i/min	23		90		23		90	
	10-3	Hydraulic oil tank capacity, H1050 / H1150	gal	l.	163	625	189	725	163	625	189	725
പ	10-4	Fuel tank capacity	gal	I.	222		85	5	22		855	
MISC	10-4-1	DEF tank capacity	gal	I.		N			24 92			
	10-5	5 5		/pe	Hydrostatic			Hydrostatic				
	10-6	Number of steering rotation		#		6			6.0			
	10-7	Sound pressure level at driver's seat LwAZ		(A)		7				74		
	10-7-1	Sound pressure level at driver's seat LwAZ	C	IB		1()9			10	9	

NOTES:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster[®] truck.

(1) Center of drive axle to front face of spreader.

(2) Based on complete truck with cab, pneumatic tires, mast as specified and standard spreader.

(3) Unladen with new tires

(4) Distance from ground to twistlocks

(5) Full suspension seat in depressed position

(6) Gradeability figures are provided for comparison of tractive performance but are not intended to endorse the operation of the vehicle on the stated inclines.

NOTICE:

Care must be exercised when handling elevated loads. 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.

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

NOTE: Specifications, unless otherwise listed, are for a standard truck without optional equipment.

CE

Safety: This truck conforms to the current EU and ANSI requirements.

Specification data is based on VDI 2198.

CAPACITY CHARTS

	H1150XD-CH	5-High Mast			H11	150XD-CH 6-H	igh Mast (6° f	wd / 8° rwd Ma	ast Tilt Requir	ed)			
RES	1st - 5th (Container	1st - 5th (Container				6th Co	ntainer				
E	MPS	/ PPS	MPS	/ PPS	MPS				PPS				
	Retracted /	etracted / Extended Retracted / Extended		/ Extended	Retra	Retracted Extended				icted	Extended		
4	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	
	88,185	40,000	88,185	40,000	82,200	37,290	82,200	37,290	80,000	36,290	80,000	36,290	

	H1050XD-CH	4-High Mast	H1050XD-CH 5-High Mast											
RES	1st - 4th (Container	1st - 4th (5th Container										
E	MPS	/ PPS	MPS	MPS				PPS						
	Retracted / Extended		Retracted / Extended		Retra	acted	Extended		Retracted		Extended			
A	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg		
	90,390	41,000	90,390	41,000	90,390	41,000	82,670	37,500	88,185	40,000	80,468	36,500		





FEATURES AND OPTIONS

	070-	0.0.0
PERFORMANCE	STD	OPT
Cummins x12 diesel engine rated 355 hp tier 4 / 265 kw stage v	X	
Cummins x12 diesel engine rated 335 hp tier 3 / 250 kw stage IIIA*	X	
Tier 4 / stage IV compliant	X	
Tier 3 / stage IIIA compliant	X	
Wastegate turbocharger, water cooled Hibernate idle	X	
On-demand cooling fan	x	
120 Amp alternator	x	
Performance modes selectable in integrated performance display	X	
Heavy duty air intake	x	
Spicer off-highway TE-30 5-speed auto-shifting transmission	x	
Kessler D102 drive axle with wet disc brakes	x	
Kessler D102 extra wide drive axle with wet disc brakes	A	
(mandatory for 6-high)		Х
DRIVE	STD	OPT
Travel speed limiter - unconditional and customer adjustable		х
Travel speed limiter - loaded - based on container position, mast tilt and spreader slewing		х
18.00-25 40PR pneumatic bias ply drive and steer tires	х	
18.00-33 36PR Pneumatic bias ply drive and steer tires		х
18.00-R25 Michelin XZM2 plus pneumatic radial drive and steer tires		х
18.00-R25 Goodyear slick radial drive and steer tires		х
18.00-R36 Michelin XZM pneumatic radial drive and steer tires		х
LIFT	STD	OPT
Hydraulic system with triple gear pump	Х	
On-demand load sensing hydraulic system	x x	
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching)		
On-demand load sensing hydraulic system	x	Х
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking	x	X X
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking	x	
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking	x x	
On-demand load sensing hydraulic systemAutomatic throttle-up when lifting (in neutral or inching)2-stage non free lift mast for 3-high stacking2-stage non free lift mast for 4-high stacking2-stage non free lift mast for 5-high stacking2-stage non free lift mast for 6-high stacking2-stage non free lift mast for 6-high stackingMast tilt - 6° forward / 8° back	x x	х
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back	x x x x	х
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator	x x x	x x
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate	x x x x x x	X X X X
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING	x x x x	X X X
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage	x x x x x x	X X X X
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls	X X X X X STD X X	X X X X
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope	X X X X X STD X	x x x x 0PT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope	X X X X X STD X X	x x x v 0PT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader	X X X X X STD X X X X X	x x x x 0PT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader 4 Lifting eyes located on end beam corners	X X X X X STD X X	X X X OPT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader 4 Lifting eyes located on end beam corners 4 Lifting eyes located under center beam of spreader	X X X X X STD X X X X X	x x x v 0PT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 5-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader 4 Lifting eyes located on end beam corners 4 Lifting eyes located under center beam of spreader Spreader guides located 19.9" (506 mm) inwards from center of spreader end beam	X X X X X STD X X X X X	X X X X 0PT 0PT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader 4 Lifting eyes located under center beam of spreader 5 Spreader guides located 19.9" (506 mm) inwards from center of spreader end beam Automatic one-touch extend/retract (20'/40') for spreader	X X X X X X STD X X X X X X	X X X X OPT OPT
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader 4 Lifting eyes located on end beam corners 4 Lifting eyes located 19.9" (506 mm) inwards from center of spreader end beam Automatic one-touch extend/retract (20'/40') for spreader Mast tilt indicator - mechanical	X X X X X STD X X X X X	X X X X OPT A X X X X X
On-demand load sensing hydraulic system Automatic throttle-up when lifting (in neutral or inching) 2-stage non free lift mast for 3-high stacking 2-stage non free lift mast for 4-high stacking 2-stage non free lift mast for 5-high stacking 2-stage non free lift mast for 6-high stacking Mast tilt - 6° forward / 8° back Mast tilt - 6° forward / 10° back Hydraulic accumulator Hydraulic system temperature protection with performance de-rate HANDLING CANbus spreader, Hyster model 818 with gantry carriage CANbus spreader controls Mechanical pile slope Powered pile slope Wide twistlock position (WTP) container handling spreader 4 Lifting eyes located under center beam of spreader 5 Spreader guides located 19.9" (506 mm) inwards from center of spreader end beam Automatic one-touch extend/retract (20'/40') for spreader	X X X X X X STD X X X X X X	X X X X 0PT 0 7 X X X

HANDLING (CONTINUED)	STD	ОРТ
Overlowering protection	х	
Additional overlowering protection (interrupts lowering if twistlocks are not seated.)		x
ERGONOMICS	STD	OPT
Enclosed operator cabin	x	
Auto tip-up cabin 10°		x
Isolated cabin mounting for low noise and vibration	х	
Mechanical suspension seat	х	
Air suspension seat		х
Deluxe air suspension seat		х
Low backrest seat	х	
High backrest seat		х
Armrest on left side	х	
Cloth seat cover	х	
Vinyl seat cover		х
Seat heating		х
Seat ventilation		х
2-point high visibility seatbelt	х	
3-point high visibility seatbelt		х
Lateral seat sliding mechanism		х
Floor mat	х	
Interior dome light	х	
Front, top and rear wipers	х	
"H"-pattern front wiper		х
"I"-pattern front wiper	х	
Intermittent wipers	х	
Front and rear window defrosters	х	
Tinted operator compartment windows (top, rear and door)		х
Tinted operator compartment top window		х
Left side handrails, stairway and cabin door	х	
Right side door	х	
Right side handrails and stairway		х
Wire mesh installed on top of operator compartment		х
7" Integrated performance display	х	
Dual 7" Integrated performance display		х
Joystick hydraulic control integrated in control arm	х	
Steering wheel with spinner knob	х	
Directional control on joystick		х
Park brake - push button applied	х	
Park brake - automatically applied		х
Interior wide angle mirrors	х	
Heater with adjustable speed fan	х	
Telescoping & tilting steering column	х	
USB outlet inside armrest	х	
24-12-volt DC converter with 1 socket and 2 USB outlets	х	
24-12-volt DC converter with 2 sockets and 2 USB outlets		х
Air conditioning		х
Automatic climate control		х
Reading light		х
Sun shades on top and rear		х
Sun visors front window		Х

FEATURES AND OPTIONS

ERGONOMICS (CONTINUED)	STD	OPT
Cloth trainer seat with 2-point seatbelt		х
Recirculation fan	x	
Accessory mounting bracket on cab front right pillar		х
Document holder on cab front right pillar		х
Heated top window		х
Radio preparation with 2 speakers and antenna		х
VISIBILITY	STD	OPT
Top window with armoured glass	x	
Steel bars under armored glass top window		х
External wide angle mirrors mounted on rear of front fenders	x	
Exterior mirrors mounted to handrails		х
Rear view camera system		х
Radar object detection system		х
Halogen work lights	x	
High performance led work lights		х
Four halogen head lights mounted on front fenders	x	
Four led head lights mounted on front fenders		х
Four cabin mounted work lights		х
Two rearward work lights mounted on the cabin	x	
LED stop/tail/brake lights	х	
Turn signals, hazard & marker lights (LED)	х	
One engine compartment light	х	
OPERATION	STD	OPT
Air horn 112 DBA	х	
Visible alarm – amber strobe light, ignition activated	х	
Audible alarm – reverse direction activated	х	
Forward motion alarm		х
Seatbelt interlock for engine start and truck operation		х
Green seatbelt indicator light on top of operator cabin		х
Hydraulic load weighing system		х
Tire pressure monitoring system		х

OPERATION (CONTINUED)	STD	OPT
Air conditioning shut-off with open door		х
Automatic engine shutdown with timer		х
Delayed engine shutdown for turbo cool down		х
Lockable battery disconnect switch	x	
Battery jump start connector (nato plug)		х
Truck start with key switch and start button	x	
Operator password (display) for truck start	x	
Fuses below 30 amps replaced by electric circuit breakers		х
Non-lockable fuel cap	x	
Lockable fuel cap		х
Fuel strainer in fuel filler neck		х
Hyster Tracker™ wireless asset management - access / verification		x
Hyster Tracker™ wireless asset management - monitoring	x	
Auto greasing system for spreader		х
Auto greasing system for base truck		х
Centralized greasing provision for upper chain sheaves		х
24-volt electrical system	x	
Engine block heater 110 or 240-volt		х
Second hour meter reader near fuel tank		х
Steer wheel lug nut protection	x	
APPEARANCE	STD	OPT
Hyster yellow paint base truck	x	
Special paint base truck		х
Hazard warning striping on counterweight		x
SUPPLEMENTAL	STD	OPT
Literature package	х	
Operator's manual	x	
CE certification		х
Warranty: 12 months / 2,000 hours parts manufacturer's warranty*	x	





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