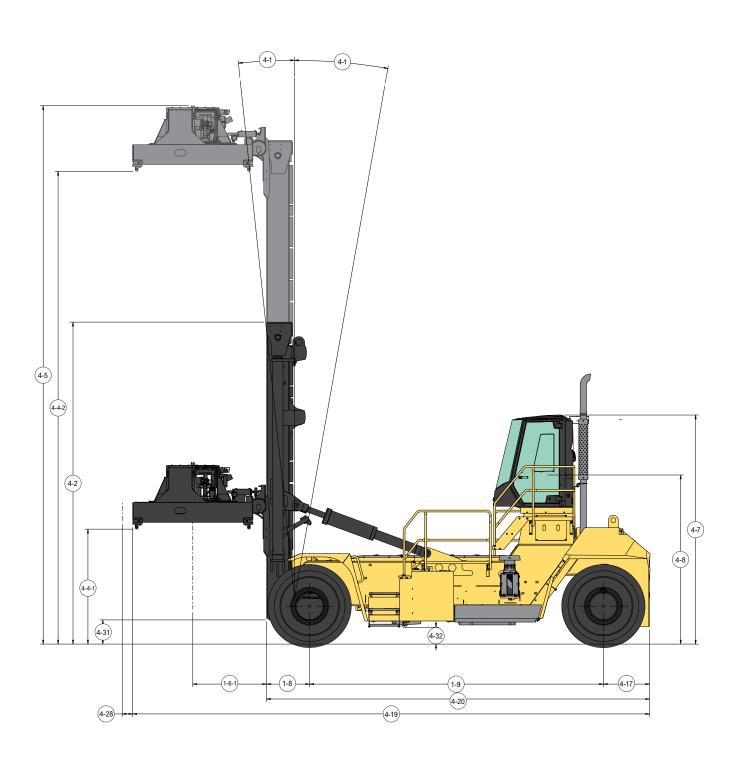
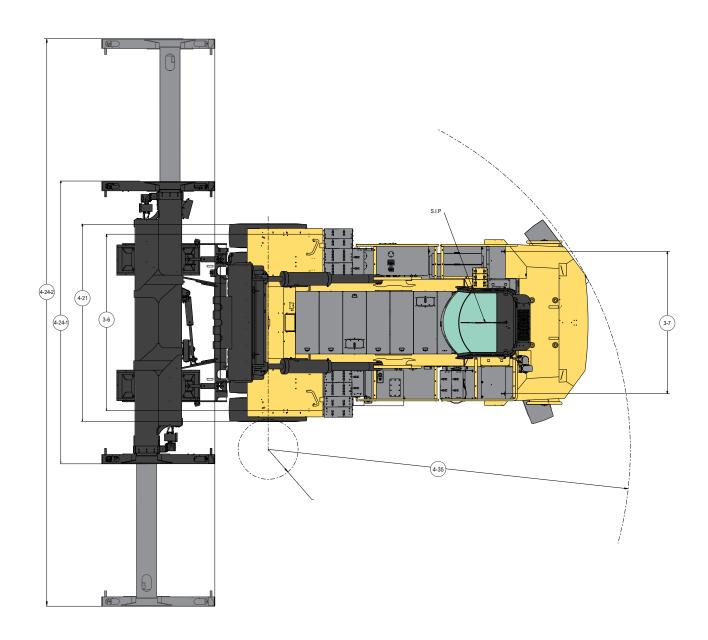
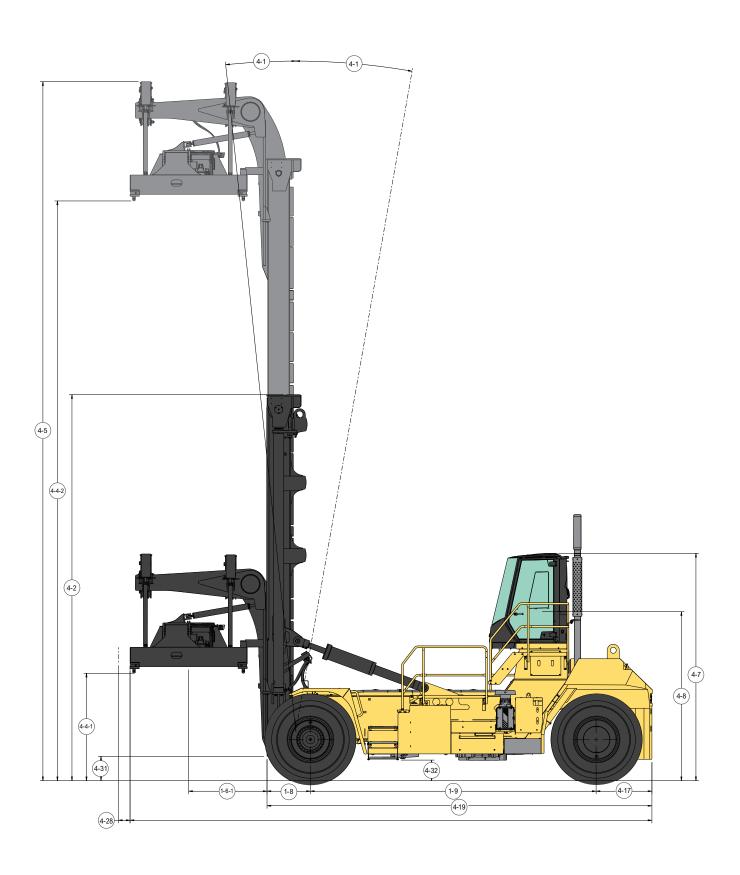


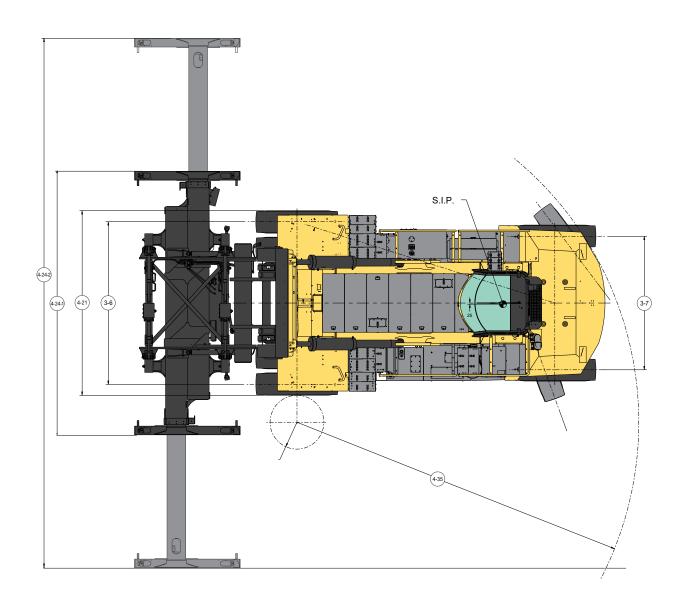
CONTAINER HANDLER PRODUCT TECHNICAL GUIDE











H1050XD-CH 5 HIGH SPECIFICATIONS

						5 1 1 1 I	10.00.05	
	1-1	Loaded container handler truck Manufacturer				•	18.00-25 STER	
	1-2	Model designation					IXD-CH	
	1-3	Drive					esel	
	1-4	Operator type				Se	ated	
RAL	1-5-1	Rated load capacity - extended	lbs	kg	82,		37,	
GENERAL	1-5-2	Rated load capacity - retracted	lbs	kg	90,		41,	
9	1-6-1 1-6-2	Load center distance - extended Load center distance - retracted	in in	mm mm		9 9	1,7 1,5	
	1-8	Load distance (1)	in	mm	35		90	
	1-9	Wheelbase	in	mm	23		5,9	000
	1-10-1	Stacking height at first row (number x container height)	in	mm			9'6"	
	1-10-2	Stacking height at first row (number x container height)	in	mm			8'6"	
M	2-1	Total truck weight without load (2) Axle loading with load, front / rear	lbs	kg	164		74,	
\$	2-2 2-3	Axle loading with load, front / rear Axle loading without load, front / rear	lbs lbs	kg kg	234,858 107,802	106,530 48,898	20,135 56,582	9,133 25,665
	3-1	Tire type	150	Ng	101,002		matic	20,000
S	3-2	Tire size, front				18.00 -	25 40PR	
WHEELS	3-3	Tire size, rear					25 40PR	
WH	3-5	Number of tires, front / rear (X driven)					1/2	200
	3-6 3-7	Track width, front Track width, rear	in in	mm mm	14		3,7 3,0	
	4-1	Mast tilt, forward / back	deg		12		' 10	100
	4-2	Height, mast lowered (3)	in	mm	36		9,3	57
	4-3	Free lift	in	mm	()
	4-4-1	Lift height under twistlocks, minimum (4)	in	mm	9		2,2	
	4-4-2 4-5	Lift height under twistlocks, maximum (4)	in in	mm	58 68		14,	
	4-5	Height, mast extended Height, top of operator compartment closed cab	in	mm mm	18		17,: 4,6	
	4-7-1	Height, top of operator compartment closed cab without A/C	in	mm	18		4,7	
	4-7-2	Height, top of operator compartment closed cab with A/C	in	mm	18	7.3	4,758	
	4-7-3	Height, top of operator compartment with strobe light	in	mm	18		4,780	
	4-7-4	Height, top of operator compartment closed cab with work lights	in	mm	19		4,839	
	4-7-5 4-8	Height, top of operator compartment closed cab with A/C and strobe light Seat height to SIP (5)	in in	mm mm	18 13		4,780 3,525	
	4-17	Overhang	in	mm	4		1,0	
ONS	4-19	Overall length	in	mm	421		10,698	
ISI	4-20	Length to face of spreader	in	mm	3.	4	7,9	168
DIMENSIONS	4-21	Overall width across all of truck	in	mm	16		4,2	200
_	4-23 4-24-1	Carriage spreader Spreader width, retracted	Tyl		2.		Gantry	
	4-24-1	Spreader width, extended	in	mm mm		40 6,100 80 12,200		
			in				12	
	4-28		in in					
	4-28 4-30	Slewing, 6° total Sideshift	in in in	mm mm	+/-	9.4	12,: +/- +/-	240
	4-30 4-31	Slewing, 6° total Sideshift Ground clearance, below mast - laden	in in in	mm	+/- +/- 14	9.4 15.7 .1	+/- +/- 38	240 400 58
	4-30 4-31 4-32	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase	in in in in	mm mm mm mm	+/- +/- 14 13	9.4 15.7 .1 .0	+/- +/- 38 32	240 400 58 29
	4-30 4-31 4-32 4-34-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance)	in in in in in	mm mm mm mm	+/- +/- 14 13 46	9.4 15.7 .1 .0	+/- +/- 38 32 11,	240 400 58 29 715
	4-30 4-31 4-32 4-34-1 4-34-2	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance	in in in in in	mm mm mm mm mm	+/- +/- 14 13 46 46	9.4 15.7 .1 .0 61	+/- +/- 39 32 11,	240 400 58 29 715
	4-30 4-31 4-32 4-34-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance)	in in in in in	mm mm mm mm	+/- +/- 14 13 46	9.4 15.7 1 0 61 69	+/- +/- 38 32 11,	240 400 58 29 715 915
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-5	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance	in	mm mm mm mm mm mm	+/- +/- 14 13 46 46 50 55	9.4 15.7 .1 .0 61 69 97 63	+/- +/- 38 32 11, 11, 12, 14,	240 400 58 29 715 915 885 045
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-5 4-34-6	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance	in i	mm mm mm mm mm mm mm mm	+/- +/- 14 13 46 46 50 55 56	9.4 15.7 .1 .0 61 69 07 63 61	+/- +/- 38 32 11, 11, 12, 14, 14,	240 400 58 29 715 915 885 045 245
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-5	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius	in	mm mm mm mm mm mm mm	+/- +/- 14 13 46 46 50 55 56	9.4 15.7 .1 .0 61 69 97 63	+/- +/- 38 32 11, 11, 12, 14,	240 400 58 29 715 915 885 045 245
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-5 4-34-6 4-35	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Outside turning radius TIER 4F	in i	mm mm mm mm mm mm mm mm mm	+/- +/- 14 13 46 46 50 55 56 60	9.4 15.7 .1 .0 61 69 07 63 61 88 66	+/- +/- 3! 3: 11, 11, 12, 14, 14, 15,	240 400 58 29 715 985 045 245 450
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-5 4-34-6 4-35	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load	in i	mm mm mm mm mm mm mm mm mm	+/- +/- 14 13 44 46 50 55 66 3	9.4 15.7 .1 .0 51 59 507 53 51 68 66	+/- +/- 3! 3: 11, 11, 12, 14, 14, 15, 8,0	240 400 58 89 715 915 885 045 245 450 115
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-5 4-34-6 4-35	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Outside turning radius TIER 4F	in i	mm mm mm mm mm mm mm mm mm	+/- +/- 14 13 46 46 50 55 56 60	9.4 15.7 .1 .0 61 69 07 63 61 88 66	+/- +/- 3! 3: 11, 11, 12, 14, 14, 15,	240 400 58 29 715 985 045 245 450
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Lowering speed, with / without load	in fr in	mm mm mm mm mm mm mm mm mm mm km/h km/h	+/- +/- 14 13 44 46 50 55 56 60 33 13.0 13.0 51	9.4 15.7 .1 .0 51 59 57 53 51 88 66 21 21 0.26 0.50	+/- +/- 38 32 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98	240 400 58 89 715 915 885 045 245 4450 115 23 23 0.30 0.50
	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load	in i	mm mm mm mm mm mm mm mm mm mm km/h km/h	+/- +/- 14 13 44 46 56 58 56 60 33 13.0 13.0 51 98 55,753	9.4 15.7 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	+/- +/- 38 32 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753	240 400 58 89 715 915 885 045 245 4450 115 23 23 0.30 0.50 248
CE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Drawbar pull - stall with / without load	in i	mm	+/- +/- 14 13 46 44 56 58 56 60 33 13.0 13.0 51 98 55,753 61,822	9.4 15.7 .1 .0 .1 .9 .0 .7 .3 .3 .6 .8 .6 .21 .21 .26 .50 .248 .275	+/- +/- 38 32 11, 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822	240 400 58 89 715 915 885 045 245 4450 115 23 23 0.30 0.50 248 275
MANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1 5-7	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Gradeability - 1 mph (1.6 km/h), with / without load (6)	in i	mm	+/- +/- 14 13 46 44 56 56 60 33 13.0 13.0 51 98 55,753 61,822	9.4 15.7 .1 .0 .0 .1 .9 .7 .3 .3 .6 .8 .6 .21 .21 .26 .50 .248 .275	+/- +/- 38 32 11, 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822	240 400 58 89 715 915 885 045 245 4450 115 23 23 0.30 0.50 248 275
ORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Drawbar pull - stall with / without load	in i	mm	+/- +/- 14 13 46 44 56 56 60 33 13.0 13.0 51 98 55,753 61,822	9.4 15.7 .1 .0 .1 .9 .0 .7 .3 .3 .6 .8 .6 .21 .21 .26 .50 .248 .275	+/- +/- 38 32 11, 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822	240 400 58 89 715 915 885 045 245 4450 115 23 23 0.30 0.50 248 275
ERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1 5-7	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Gradeability - 1 mph (1.6 km/h), with / without load (6) Gradeability - stall, with / without load (6)	in i	mm	+/- +/- 14 13 46 44 56 56 60 33 13.0 13.0 51 98 55,753 61,822	9.4 15.7 .1 .0 .0 .1 .9 .7 .3 .3 .6 .8 .6 .21 .21 .26 .50 .248 .275	+/- +/- 38 32 11, 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822	240 400 58 89 715 915 885 045 245 4450 115 23 23 0.30 0.50 248 275
PERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1 5-7 5-7-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container (no operating clearance) Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Drawbar pull - stall with / without load Gradeability - 1 mph (1.6 km/h), with / without load (6) Gradeability - stall, with / without load (6)	in i	mm	+/- +/- 14 13 46 44 56 56 60 33 13.0 13.0 51 98 55,753 61,822 2	9.4 15.7 .1 .0 .0 .1 .9 .7 .3 .3 .6 .8 .8 .8 .8 .9 .21 .21 .26 .50 .248 .275 .4	+/- +/- 38 32 11, 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822 3	240 400 58 89 715 915 985 045 245 4450 115 23 23 0.30 0.50 248 275 8
PERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-6 4-35 5-1 5-1-1 5-2 5-5-5 5-5-1 5-7 5-7-1 5-1 5-1 5-1 5-1 5-1 5-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Gradeability - 1 mph (1.6 km/h), with / without load (6) Gradeability - stall, with / without load Travel speed, with / without load Travel speed, with / without load Gradeability - stall, with / without load Travel speed, with / without load	in i	mm	+/- +/- 14 13 44 46 50 55 56 60 31 13.0 13.0 51 98 55,753 61,822 2 3 13.0 13.0 13.0 51	9.4 15.7 .1 .0 .0 .1 .9 .07 .3 .3 .6 .1 .08 .1 .08 .1 .08 .1 .08 .1 .08 .1 .08 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	+/- +/- 38 33 11, 11, 12, 14, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822 34 14.3 14.3 59	240 400 58 29 715 915 885 045 245 450 115 23 0.30 0.50 248 275 8 6 23 0.30 0.30
PERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1 5-7 5-7-1 5-1-1 5-2 5-3	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Drawbar pull - stall with / without load (6) Gradeability - stall, with / without load Travel speed, with / without load (6) TIER 3 Travel speed, with / without load Travel speed, with / without load (6) Under the with / without load (6) Travel speed, with / without load (6) Travel speed, with / without load (6) Travel speed, with / without load Lowering speed, with / without load Lowering speed, with / without load	in i	mm	+/- +/- 14 13 44 46 50 55 66 61 33 13.0 13.0 51 98 55,753 61,822 2 3 13.0 13.0 13.0 51 98	9.4 15.7 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	+/- +/- 38 33 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822 3 4 14.3 14.3 59 98	240 400 58 29 715 9315 885 045 245 450 115 23 23 0.30 0.50 248 275 8 6 23 0.30 0.50 0.50
PERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-7 5-7-1 5-1 5-1 5-1 5-2 5-3 5-5 5-5-5 5-5-5 5-5-5 5-5-1 5-1-1 5-2 5-3 5-5-5 5-5-7 5-7-5 5-7-	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load (6) Gradeability - stall, with / without load (6) TIER 3 Travel speed, with / without load Lowering speed, with / without load (6) Travel speed, with / without load (6) Travel speed, with / without load (6) Gradeability - stall, with / without load (6) Travel speed, with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load	in i	mm	+/- +/- 14 13 44 46 50 55 66 33 13.0 13.0 51 98 55,753 61,822 2 3 13.0 13.0 51 98 55,753	9.4 15.7 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	+/- +/- 38 32 11, 11, 12, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822 3 4 14.3 14.3 59 98 55,753	240 400 58 89 715 9315 885 045 245 450 115 23 23 0.30 0.50 248 275 8 6 23 0.30 0.50 248 248 248 248 248 248 248 248 248 248
PERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-4 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-1 5-7-1 5-1-1 5-2 5-3 5-5 5-5-1 5-1-1 5-2 5-3 5-5 5-5-1	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 20' container with 10% operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load Drawbar pull - stall with / without load (6) Gradeability - stall, with / without load (6) TIER 3 Travel speed, with / without load Travel speed, with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load (6) Tier 3 Travel speed, with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load	in i	mm	+/- +/- 14 13 44 46 50 55 66 33 13.0 13.0 51 98 55,753 61,822 2 3 13.0 13.0 51 98 55,753 61,822	9.4 15.7 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	+/- +/- 38 32 11, 11, 12, 14, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822 3 4 14.3 59 98 55,753 61,822	240 400 58 89 715 915 885 0045 245 450 115 23 23 0.30 0.50 248 275 8 6
PERFORMANCE	4-30 4-31 4-32 4-34-1 4-34-2 4-34-3 4-34-5 4-34-6 4-35 5-1 5-1-1 5-2 5-3 5-5 5-5-7 5-7-1 5-1 5-1 5-1 5-2 5-3 5-5 5-5-5 5-5-5 5-5-5 5-5-1 5-1-1 5-2 5-3 5-5-5 5-5-7 5-7-5 5-7-	Slewing, 6° total Sideshift Ground clearance, below mast - laden Ground clearance, center of wheelbase Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Aisle width, 40' container with 7.8" (200 mm) operating clearance Aisle width, 40' container with 10% operating clearance Outside turning radius TIER 4F Travel speed, with / without load Travel speed, with / without load Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load (6) Gradeability - stall, with / without load (6) TIER 3 Travel speed, with / without load Lowering speed, with / without load (6) Travel speed, with / without load (6) Travel speed, with / without load (6) Gradeability - stall, with / without load (6) Travel speed, with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load Drawbar pull - 1 mph (1.6 km/h), with / without load	in i	mm km/h km/h	+/- +/- 14 13 44 46 50 58 56 63 31 13.0 13.0 51 98 55,753 61,822 2 3 13.0 13.0 51 98 55,753 61,822 2 2	9.4 15.7 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	+/- +/- 38 32 11, 11, 12, 14, 14, 15, 8,0 14.3 14.3 59 98 55,753 61,822 3 4 14.3 59 98 55,753 61,822	240 400 58 89 715 915 885 0245 450 115 23 23 0.30 0.50 248 275 8 6 23 23 0.30 0.50 248 275 8

H1150XD-CH 5-HIGH SPECIFICATIONS

								
		Loaded container handler truck				•	18.00-25	
	1-1 1-2	Manufacturer Model designation					STER IXD-CH	
	1-3	Drive					esel	
	1-4	Operator type					ated	
AL		Rated load capacity - extended	lbs	kg	90,3		41,0	000
GENERAL	1-5-2	Rated load capacity - retracted	lbs	kg	90,3		41,0	000
Œ	1-6-1	Load center distance - extended	in	mm	6	9	1,7	49
	1-6-2	Load center distance - retracted	in	mm	59		1,5	
	1-8	Load distance (1)	in	mm	35		90	
	1-9	Wheelbase	in	mm	23		5,9	00
		Stacking height at first row (number x container height) Stacking height at first row (number x container height)					9'6" 8'6"	
	2-1	Total truck weight without load (2)	lbs	kg	170.		77,5	512
W		Axle loading with load, front / rear	lbs	kg	236,591	107,316	26,753	12,135
_	2-3	Axle loading without load, front / rear	lbs	kg	109,534	49,684	63,200	28,667
	3-1	Tire type				Pneu	matic	
S	3-2	Tire size, front					25 40PR	
WHEELS	3-3	Tire size, rear					25 40PR	
₹	3-5	Number of tires, front / rear (X driven)			4.		1/2	02
	3-6 3-7	Track width, front Track width, rear	in in	mm mm	14 12		3,7 3,0	
	4-1	Mast tilt, forward / back	deg		12		' 10	00
	4-2	Height, mast lowered (3)	in	mm	36		9,3	52
	4-3	Free lift	in	mm	(C	
	4-4-1	Lift height under twistlocks, minimum (4)	in	mm	9	0	2,2	80
		Lift height under twistlocks, maximum (4)	in	mm	58		14,9	
	4-5	Height, mast extended	in	mm	68		17,2	
	4-7 4-7-1	Height, top of operator compartment closed cab	in	mm	18: 18:		4,6	
	4-7-1	Height, top of operator compartment closed cab without A/C Height, top of operator compartment closed cab with A/C	in in	mm mm	18		4,703	
		Height, top of operator compartment with strobe light	in	mm	188		4,758 4,780	
	4-7-4	Height, top of operator compartment closed cab with work lights	in	mm	190		4,8	
	4-7-5	Height, top of operator compartment closed cab with A/C and strobe light	in	mm	188		4,7	
	4-8	Seat height to SIP (5)	in	mm	13	39	3,5	25
S	4-17	Overhang	in	mm	4		1,0	
DIMENSIONS	4-19	Overall length	in	mm	42		10,6	
Ä	4-20	Length to face of spreader	in	mm	31		7,9	
DΙΝ	4-21 4-23	Overall width across all of truck Carriage spreader	in Typ	mm	16		4,2 Gantry	00
		Spreader width, retracted	in	mm	24		6,1	00
	4-24-2	Spreader width, extended	in	mm	48		12,2	
	4-28	Slewing, 6° total	in	mm	+/-	9.4	+/- :	240
	4-30	Sideshift	in	mm	+/- ′	15.7	+/- 4	
	4-31	Ground clearance, below mast - laden	in	mm	14		35	
	4-32	Ground clearance, center of wheelbase	in	mm	12		32	
		Aisle width, 20' container (no operating clearance) Aisle width, 20' container with 7.8" (200 mm) operating clearance	in	mm	46		11,7 11,9	
		Aisle width, 20' container with 10% operating clearance	in in	mm mm	50		12,8	
		Aisle width, 40' container (no operating clearance)	in	mm	55		14,0	
	4-34-5	Aisle width, 40' container with 7.8" (200 mm) operating clearance	in	mm	56		14,2	
	4-34-6	, ,	in	mm	60		15,4	
	4-35	Outside turning radius	in	mm	31	16	8,0	15
	E 4	TIER 4F		lere n	40.0	04	440	00
	5-1	Travel speed, with / without load	mph	km/h	13.0	21	14.3	23
	5-1-1	Travel speed, with / without load, backwards	mph ft/min	km/h	13.0	21	14.3	23
	5-2	Lifting speed, with / without load	ft/min	m/s m/s	51	0.26	59	0.30
	5-3 5-5	Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load	ft/min lbs	m/s kN	98 55,753	0.50 248	98 55,753	0.50 248
	5 5 1	Drawbar pull - stall with / without load	lbs	kN	61,822	275	61,822	275
NGE	5-7	Gradeability - 1 mph (1.6 km/h), with / without load (6)	105		01,022		3	
MA	5-7-1	Gradeability - stall, with / without load (6)	%		3		4	
PERFORMANCE		TIER 3						
ER	5-1	Travel speed, with / without load	mph	km/h	13.0	21	14.3	23
Ï	5-1-1	Travel speed, with / without load, backwards	mph	km/h	13.0	21	14.3	23
	5-2	Lifting speed, with / without load	ft/min	m/s	51	0.26	59	0.30
	5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load	lbs	kN	55,753	248	55,753	248
	5-5-1 5-7	Drawbar pull - stall, with / without load Gradeability - 1 mph (1.6 km/h), with / without load (6)	lbs %	kN	61,822 2	275 4	61,822	275 R
	5-7-1	Gradeability - 1 mpn (1.6 km/n), with / without load (6)	%		3		4	
		(-)			U			

H1150XD-CH 6-HIGH SPECIFICATIONS

		Loaded container handler truck				6-high 1	8.00 25			6-high	18.00 33	
	1-1	Manufacturer				HYS	TER	114450	HYSTER			
	1-2	Model designation Drive				Die	sel	H1150	XD-CH	Die	esel	
	1-4	Operator type				Sea					ated	
₽₽	1-5-1	Rated load capacity - extended	lbs	kg	82,	200	37,	290	82,2	200	37,2	290
GENERAL	1-5-2	Rated load capacity - retracted	lbs	kg	82,2		37,		82,2		37,2	
99	1-6-1	Load center distance - extended	in	mm	6		1,7		6		1,7	
	1-6-2	Load distance - retracted	in	mm	5 35		1,5 90		35		1,5 90	
	1-8 1-9	Load distance (1) Wheelbase	in in	mm mm	23		5,9		23		5,9	
		Stacking height at first row (number x container height)			2.	6 x		00	20		9'6"	
	1-10-2	<u> </u>				6 x	8'6"			6 x	8'6"	
	2-1	Total truck weight without load (2)	lbs	kg	177,		80,		179,		81,4	
M	2-2	Axle loading with load, front / rear	lbs	kg	242,281		25,591	11,608	243,659		26,281	11,921
	2-3 3-1	Axle loading without load, front / rear	lbs	kg	115,225	52,265 Pneu		28,140	116,603		62,728 matic	28,453
	3-1	Tire type Tire size, front					25 40PR				33 40PR	
WHEELS	3-3	Tire size, rear				18.00 - 1					33 40PR	
풀	3-5	Number of tires, front / rear (X driven)					/ 2				/2	
5	3-6	Track width, front	in	mm	17	73	4,4	00	17	'3	4,4	.00
	3-7	Track width, rear	in	mm	12		3,0	60	12		3,0	60
	4-1	Mast tilt, forward / back	degr	1			/ 8	202			/8 10.6	205
	4-2 4-3	Height of mast lowered (3) Free lift	in in	mm mm	42		10,		42		10,8	
	4-4-1	Lift height under twistlocks, minimum (4)	in	mm	9		2,2		9		2,2	
	4-4-2	Lift height under twistlocks, maximum (4)	in	mm	70		17,		70		17,8	
	4-5	Height, mast extended	in	mm	79	95	20,	193	79	99	20,2	286
	4-7	Height, top of operator compartment closed cab	in	mm	183		4,6	60	187		4,7	
	4-7-1	Height, top of operator compartment closed cab without A/C	in	mm	18		4,7		188		4,7	
	4-7-2	Height, top of operator compartment closed cab with A/C	in	mm	187		4,7		190		4,8	
	4-7-3 4-7-4	Height, top of operator compartment with strobe light Height, top of operator compartment closed cab with work lights	in in	mm mm	190	3.2 1.5	4,7 4,8		19		4,8	
	4-7-5	Height, top of operator compartment closed cab with A/C and strobe light	in	mm		3.2	4,7			194.1 4,931 191.8 4,872		
	4-8	Seat height to SIP (5)	in	mm	138		3,5		142		3,615	
S	4-17	Overhang	in	mm	4	3	1,0	93	4	3	1,0	93
DIMENSIONS	4-19	Overall length	in	mm	42		10,		42		10,6	
EN	4-20	Length to face of spreader	in	mm	31 19			7,968 314 4,900 193		7		
DIN	4-21 4-23	Overall width across all of truck Carriage spreader	in Typ	mm	18	MPS (00	18	193 MPS Gantr		00
	4-24-1	Spreader width, retracted	in	mm	24		6,1	00	24		6,1	00
	4-24-2	Spreader width, extended	in	mm	48	30	12,	200	48	30	12,2	200
	4-28	Slewing, 6° total	in	mm	+/-		+/-		+/-		+/- 2	
	4-30	Sideshift	in	mm	+/- 1		+/-		+/- 1		+/- 4	
	4-31 4-32	Ground clearance, lowest point Ground clearance, center of wheelbase	in in	mm	14	.1 9	35 32		17		45 42	
	4-34-1	Aisle width, 20' container (no operating clearance)	in	mm	46		11,		46		11,7	
		Aisle width, 20' container with 7.8" (200 mm) operating clearance	in	mm	46		11,		46		11,9	
		Aisle width, 20' container with 10% operating clearance	in	mm	50)7	12,		50)7	12,8	
	4-34-4	3 ,	in	mm	55		14,		55		14,0	
		Aisle width, 40' container with 7.8" (200 mm) operating clearance	in	mm	56		14,:		56		14,2	
	4-34-6 4-35	Aisle width, 40' container with 10% operating clearance Outside turning radius	in in	mm	60 31		15,4 8,0		31		15, ² 8,0	
	7 00	TIER 4F	111	111111	0	10	0,0	10	01		0,0	10
	5-1	Travel speed, with / without load	mph	km/h	13.0	21	14.3	23	13.0	21	14.3	23
	5-1-1	Travel speed, with / without load, backwards	mph	km/h	13.0	21	14.3	23	13.0	21	14.3	23
	5-2	Lifting speed, with / without load	ft/min	m/s	51	0.26	59	0.30	51	0.26	59	0.30
	5-3 5-5	Lowering speed, with / without load Drawbar pull - 1 mph (1.6 km/h) with / without load	ft/min	m/s kN	98	0.50	98	0.50	98	0.50	98	0.50 248
	5-5-1	Drawbar pull - stall with / without load	lbs lbs	kN	55,753 61,822	248 275	55,753 61,822	248 275	55,753 61,822	248 275	55,753 61,822	275
NCE	5-7	Gradeability - 1 mph (1.6 km/h), with / without load (6)	%		2		3		2		3	
MA	5-7-1	Gradeability - stall, with / without load (6)	%		3		4		3-		4	
PERFORMANCE		TIER 3										
PER	5-1	Travel speed, with / without load	mph	km/h	13.0	21	14.3	23	13.0	21	14.3	23
	5-1-1	Travel speed, with / without load, backwards	mph ft/min	km/h	13.0	21	14.3	23	13.0	21	14.3	23
	5-2 5-3	Lifting speed, with / without load Lowering speed, with / without load	ft/min ft/min	m/s m/s	51 98.4	0.26 0.50	59 98.4	0.30 0.50	51 98.4	0.26 0.50	59 98	0.30 0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with /without load	lbs	kN	55,753	248	55,753	248	55,753	248	55,753	248
	5-5-1	Drawbar pull - stall, with / without load	lbs	kN	61,822	275	61,822	275	61,822	275	61,822	275
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load (6)	%		2		3		2		3	
	5-7-1	Gradeability - stall, with / without load (6)	%		3	4	4	6	3	4	4	6

					TIE	R 3		TIER	4		
AL	1-1	Manufacturer			HYS	TER		HYST	ER		
GENERAL	1-2	Model designation			H1050-H1	H1	050-115	0XD-CH			
æ	1-3	Powertrain / drivetrain			Die	Diesel					
	7-1	Engine Manufacturer / model			Cummins / X12		Cummins / X1		s / X12		
	7-1a	EPA / CE Compliance			Tier 3 / Stage IIIA		Т	Tier 4 / Stage V			
	7-2	Engine power output - rated	hp	kW	335@2,100	250@2,100	355@2,000	0	265@2,	000	
	7-2-1	Engine power output - peak	hp	kW	370@1,800	276@1,800	380@1,700	0	283@1,	700	
ENGINE	7-3-1	Engine torque @ rpm (1/min)	lb-ft	N-m	1,235@1500	1,674@1500	1,374@ 1,40	00	1,862@ 1	1,400	
ENG	7-4	Number of cylinders / displacement	# / in3	# / cm3	6 / 720	6 / 11,800	6 / 720		6 / 11,8	300	
	Х	Turbocharger	Ty	/pe	Wastegate, v	vater-cooled	Waste	egate, wa	ater-cooled		
	7-8	Alternator output	An	nps	1	10		120)		
	7-9	Electrical system voltage	Vo	olts	2	4		24			
	7-10	Battery voltage, rated capacity	V.	/Ah	24 /	102		24 / 1	02		
	8-0	Drive control / transmission	Ty	/pe	Powershift T	ransmission	Powe	rshift Tra	ansmission		
	8-1	Type of drive unit	Type			Converter		Torque Converter			
Æ	8-2	Transmission manufacturer / type	Type			Dana Spicer Off-Highway TE-30			Dana Spicer Off-Highway TE-30		
DRIVE	8-2-1	Transmission speeds forward / backward	#			/3		5/3			
	8-3	Wheel drive / drive axle manufacturer / type	Type			r D102	Kessler D102				
	8-4	Service brake	Type			ed (wet) disc	Oil immersed (wet) disc				
	8-5	Parking brake	-	/pe		disc on drive axle	Spring apply, dry disc on drive axle				
	9-1	Spreader manufacturer /type		Type ELME / 818 Gantry Top Lift					ntry Top Lift		
	9-2	Pile slope type	-	/pe		l Pile Slope	Mechanical Pile Slope				
띪	9-3	Size of containers		ft	ISO 20' - 40'		ISO 20' - 40'				
SPREADER	9-4	Side shift	in	mm	+/- 15.7	+/- 400	+/- 15.7		+/- 40	10	
PR	9-5	Pile slope spreader		rees		2.5		+/- 2			
•	9-6	Rotation angle	,	rees		3.0		+/- 3			
	9-7	Longitudinal adjustment	in	mm	+/- 9.4	+/- 240	+/- 9.4	40.4	+/- 24	Ю	
	9-8	Telescoping time, extend / retract		onds		/ 12	0.004	12 /			
	10-1	Operating pressure for attachments	psi	bar	2,031 23	140 90	2,031 23		140 90		
	10-2	Oil volume for attachments	gpm	i/min	163 625	189 725		625	189	725	
	10-3 10-4	Hydraulic oil tank capacity, H1050 / H1150 Fuel tank capacity	gal gal		222	855	222	020	855		
MISC	10-4-1	DEF tank capacity	gal			/A	24		92		
M	10-4-1	Steering design	-	/pe		estatic	24	Hydros			
	10-5	Number of steering rotation	_	/pe #	,	.0		6.0			
	10-7	Sound pressure level at driver's seat LwAZ		" (A)		4		74			
	10-7-1					7)9		109			
Sound pressure level at driver's seat LWAZ			dB		- 10		100	109			

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.



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	50XD-CH 6-H	igh Mast (6° f	wd / 8° rwd M	ast Tilt Requir	ed)			
IRES	1st - 5th (Container	1st - 5th	Container				6th Co	ntainer				
E	MPS	/ PPS	MPS	/ PPS	MPS					PF	PPS		
E	Retracted / Extended		racted / Extended Retracted / Extended Retracted		acted	Exte	Extended Retracted E			Exte	nded		
⋖	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	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	Container	5th Container							
	MPS / PPS		MPS	/ PPS		М	PS		PPS			
	Retracted	Retracted / Extended Retracted / Extended		Retr	acted	Exte	nded	Retra	acted	Exte	nded	
4	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	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

PERFORMANCE	STD	OPT
Cummins x12 diesel engine rated 355 hp tier 4 / 265 kw stage v	х	
Cummins x12 diesel engine rated 335 hp tier 3 / 250 kw stage IIIA*	х	
Tier 4 / stage IV compliant	х	
Tier 3 / stage IIIA compliant	х	
Wastegate turbocharger, water cooled	х	
Hibernate idle	х	
On-demand cooling fan	х	
120 Amp alternator	х	
Performance modes selectable in integrated performance display	х	
Heavy duty air intake	х	
Spicer off-highway TE-30 5-speed auto-shifting transmission	х	
Kessler D102 drive axle with wet disc brakes	х	
Kessler D102 extra wide drive axle with wet disc brakes (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	х	
Automatic throttle-up when lifting (in neutral or inching)	х	
2-stage non free lift mast for 3-high stacking		Х
2-stage non free lift mast for 4-high stacking		Х
2-stage non free lift mast for 5-high stacking	х	
2-stage non free lift mast for 6-high stacking		Х
Mast tilt - 6° forward / 8° back	х	
Mast tilt - 6° forward / 10° back		Х
Hydraulic accumulator	Х	
Hydraulic system temperature protection with performance de-rate		х
HANDLING	STD	OPT
CANbus spreader, Hyster model 818 with gantry carriage	х	
CANbus spreader controls	х	
Mechanical pile slope	х	
Powered pile slope		х
Wide twistlock position (WTP) container handling spreader		Х
4 Lifting eyes located on end beam corners	х	
4 Lifting eyes located under center beam of spreader		Х
Spreader guides located 19.9" (506mm) inwards from center of spreader end beam		х
Automatic one-touch extend/retract (20'/40') for spreader		Х
Most tilt indicator machanical	X	
Mast tilt indicator - mechanical		
Stops for 30' containers		х

NANDLING (CONTINUE) Overlowering protection Additional overlowering protection (interrupts lowering if twistlocks are not seated.) ERGONOMICS Enclosed operator cabin Auto tip-up cabin 10° Isolated cabin mounting for low noise and vibration Mechanical suspension seat Air suspension seat Air suspension seat Low backrest seat High backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper Interdoperator compartment windows (top, rear and door) Tinted operator compartment windows (top, rear and door) X inted operator compartment windows (top, rear and do			
Additional overlowering protection (interrupts lowering if twistlocks are not seated.) FRGONOMICS STD OPT Enclosed operator cabin Auto tip-up cabin 10° Isolated cabin mounting for low noise and vibration Mechanical suspension seat Air suspension seat Air suspension seat Air suspension seat Low backrest seat High backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Vinyl seat cover Vinyl seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt Atteral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper Internitent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment Tence in the side in the proper in the pr	HANDLING (CONTINUED)	STD	OPT
ERGONOMICS ERGONOMICS Enclosed operator cabin Auto tip-up cabin 10° Isolated cabin mounting for low noise and vibration Mechanical suspension seat Air suspension seat Low backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper "I"-pattern front wiper Interdioperator compartment top window Left side handrails, stairway and cabin door Right side hoor compartment X x Viver mesh installed on top of operator compartment 7 Integrated performance display Joystick hydraulic control integrated in control arm X x Patch Test Converted with spiner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Automatic climate control Reading light X x Sun shades on top and rear X x Lateral seading mechanism A x Floor mat X x Interdory wide angle mirrors A x Interdory wide angle mirrors A x Armed A x Arm	Overlowering protection	Х	
Enclosed operator cabin Auto tip-up cabin 10° Isolated cabin mounting for low noise and vibration Mechanical suspension seat Air suspension seat Air suspension seat Air suspension seat Low backrest seat Low backrest seat Low backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt X Interior dome light X Front, top and rear wipers *I"-pattern front wiper *I"-pattern front wiper X Intermittent wipers X Intermittent wipers X Interdoperator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door X Right side door X Right side door X Integrated performance display X Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Interior wide angle mirrors X Leading light X Latom Sades and 2 USB outlets X Air conditioning Automatic climate control Reading light X Sun shades on top and rear			х
Auto tip-up cabin 10° Isolated cabin mounting for low noise and vibration Mechanical suspension seat Air suspension seat Deluxe air suspension seat Low backrest seat High backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm X Evering wheel with spinner knob Directional control on joystick Park brake - push button applied x Park brake - push button applied x Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	ERGONOMICS	STD	OPT
Isolated cabin mounting for low noise and vibration Mechanical suspension seat Air suspension seat Deluxe air suspension seat Low backrest seat High backrest seat X Cloth seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied X Park brake - automatically applied N Reading light Automatic climate control Reading light Automatic climate control Reading light X X Sun shades on top and rear	Enclosed operator cabin	х	
Mechanical suspension seat Air suspension seat Deluxe air suspension seat Low backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "H"-pattern front wiper ""-pattern front wiper ""-pattern front wiper Intermittent wipers Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side door X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wice angle silting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear X Sun shades on top and rear X Sun shades on top and rear X Sun shades on top and rear	Auto tip-up cabin 10°		Х
Air suspension seat Deluxe air suspension seat Low backrest seat High backrest seat Armrest on left side Cloth seat cover Vinyl seat cover Seat heating Seat ventilation Seat ventilation Seat ventilation The partiern front wiper will-pattern front wiper Internitent wipers Front and rear window defrosters Tinted operator compartment top window Left side door Right side door Right side door Right side door Right side door top of operator compartment T' Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional Control on joystick Park brake - automatically applied Interior wide arguer will a scenario and sustering steering column Left side angle mirrors X Right side angle mirrors X Steering wheel with spinner knob Directional control on joystick Park brake - automatically applied Interior wide angle mirrors X Lateral seat sliding mechanism X Lateral seat sliding mechanism X X X X X X X X X X	Isolated cabin mounting for low noise and vibration	х	
Deluxe air suspension seat Low backrest seat X High backrest seat Armrest on left side Cloth seat cover Xiryl seat cover X Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper Intermittent wipers X refront and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest X Automatic climate control Reading light X Nanshades on top and rear	Mechanical suspension seat	х	
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Armrest on left side x x Cloth seat cover x x x x x x x x x x x x x x x x x x x	Low backrest seat	х	
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Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "I"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment T" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light X Sun shades on top and rear	Cloth seat cover	х	
Seat ventilation x 2-point high visibility seatbelt x 3-point high visibility seatbelt x Lateral seat sliding mechanism x Floor mat x Interior dome light x Front, top and rear wipers x "H"-pattern front wiper x "I"-pattern front wiper x Intermittent wipers x Front and rear window defrosters x Tinted operator compartment windows (top, rear and door) x Tinted operator compartment top window x Left side handrails, stairway and cabin door x Right side door x Right side door x Right side handrails and stairway x Wire mesh installed on top of operator compartment x T" Integrated performance display x Joystick hydraulic control integrated in control arm x Steering wheel with spinner knob x Directional control on joystick x Park brake - push button applied x Park brake - automatically applied x Interior wide angle mirrors x Heater with adjustable speed fan x Telescoping & tilting steering column x USB outlet inside armrest x 24-12-volt DC converter with 1 socket and 2 USB outlets x Air conditioning x Automatic climate control Reading light x Sun shades on top and rear x	Vinyl seat cover		Х
2-point high visibility seatbelt 3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) X Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment T" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light X Sun shades on top and rear	Seat heating		Х
3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment T" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light X Sun shades on top and rear	Seat ventilation		Х
Lateral seat sliding mechanism Floor mat Interior dome light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light X Sun shades on top and rear	2-point high visibility seatbelt	х	
Floor mat Interior dome light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment T" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light X Sun shades on top and rear	3-point high visibility seatbelt		Х
Interior dome light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment T" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light X Sun shades on top and rear	Lateral seat sliding mechanism		х
Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Nature automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Floor mat	х	
"H"-pattern front wiper "I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Natherior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Interior dome light	х	
"I"-pattern front wiper Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment T" Integrated performance display Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied X Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets X Air conditioning Automatic climate control Reading light X Sun shades on top and rear	Front, top and rear wipers	х	
Intermittent wipers Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	"H"-pattern front wiper		х
Front and rear window defrosters Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Natherior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	"I"-pattern front wiper	х	
Tinted operator compartment windows (top, rear and door) Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Intermittent wipers	х	
Tinted operator compartment top window Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Reading light V V V X X X X X X X X X X	Front and rear window defrosters	х	
Left side handrails, stairway and cabin door Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied x Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Tinted operator compartment windows (top, rear and door)		х
Right side door Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied X Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets X Air conditioning Automatic climate control Reading light X X X X X X X X X X X X X	Tinted operator compartment top window		Х
Right side handrails and stairway Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Left side handrails, stairway and cabin door	х	
Wire mesh installed on top of operator compartment 7" Integrated performance display Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied X Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets X Air conditioning Automatic climate control Reading light Sun shades on top and rear	Right side door	х	
7" Integrated performance display Joystick hydraulic control integrated in control arm X Steering wheel with spinner knob Directional control on joystick Park brake - push button applied X Park brake - automatically applied Interior wide angle mirrors X Heater with adjustable speed fan Telescoping & tilting steering column X USB outlet inside armrest X 24-12-volt DC converter with 1 socket and 2 USB outlets X Air conditioning X Automatic climate control Reading light X Sun shades on top and rear	Right side handrails and stairway		х
Joystick hydraulic control integrated in control arm Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Wire mesh installed on top of operator compartment		Х
Steering wheel with spinner knob Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	7" Integrated performance display	х	
Directional control on joystick Park brake - push button applied Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets X 24-12-volt DC converter with 2 sockets and 2 USB outlets X Air conditioning Automatic climate control Reading light Sun shades on top and rear	Joystick hydraulic control integrated in control arm	х	
Park brake - push button applied x Park brake - automatically applied x Interior wide angle mirrors x Heater with adjustable speed fan x Telescoping & tilting steering column x USB outlet inside armrest x 24-12-volt DC converter with 1 socket and 2 USB outlets x 24-12-volt DC converter with 2 sockets and 2 USB outlets x Air conditioning x Automatic climate control x Reading light x Sun shades on top and rear	Steering wheel with spinner knob	х	
Park brake - automatically applied Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Directional control on joystick		Х
Interior wide angle mirrors Heater with adjustable speed fan Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets X Air conditioning Automatic climate control Reading light Sun shades on top and rear	Park brake - push button applied	х	
Heater with adjustable speed fan x Telescoping & tilting steering column x USB outlet inside armrest x 24-12-volt DC converter with 1 socket and 2 USB outlets x 24-12-volt DC converter with 2 sockets and 2 USB outlets x Air conditioning x Automatic climate control x Reading light x Sun shades on top and rear x	Park brake - automatically applied		Х
Telescoping & tilting steering column USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Interior wide angle mirrors	х	
USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Heater with adjustable speed fan	х	
USB outlet inside armrest 24-12-volt DC converter with 1 socket and 2 USB outlets 24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear	Telescoping & tilting steering column	х	
24-12-volt DC converter with 2 sockets and 2 USB outlets Air conditioning Automatic climate control Reading light Sun shades on top and rear x		х	
Air conditioning x Automatic climate control x Reading light x Sun shades on top and rear x	24-12-volt DC converter with 1 socket and 2 USB outlets	х	
Air conditioning x Automatic climate control x Reading light x Sun shades on top and rear x	24-12-volt DC converter with 2 sockets and 2 USB outlets		х
Automatic climate control x Reading light x Sun shades on top and rear x	Air conditioning		х
Reading light x Sun shades on top and rear x	3		х
Sun shades on top and rear x			

FEATURES AND OPTIONS

ERGONOMICS (CONTINUED)	STD	OPT
Cloth trainer seat with 2-point seatbelt		х
Recirculation fan	х	
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	х	
Steel bars under armored glass top window		Х
External wide angle mirrors mounted on rear of front fenders	х	
Exterior mirrors mounted to handrails		х
Rear view camera system		х
Radar object detection system		Х
Halogen work lights	х	
High performance led work lights		Х
Four halogen head lights mounted on front fenders	х	
Four led head lights mounted on front fenders		Х
Four cabin mounted work lights		Х
Two rearward work lights mounted on the cabin	х	
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	х	
Battery jump start connector (nato plug)		х
Truck start with key switch and start button	х	
Operator password (display) for truck start	х	
Fuses below 30 amps replaced by electric circuit breakers		х
Non-lockable fuel cap	х	
Lockable fuel cap		х
Fuel strainer in fuel filler neck		х
Hyster Tracker™ wireless asset management - access / verification		х
Hyster Tracker™ wireless asset management - monitoring	х	
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	х	
Engine block heater 110 or 240-volt		Х
Second hour meter reader near fuel tank		Х
Steer wheel lug nut protection	х	
APPEARANCE	STD	OPT
Hyster yellow paint base truck	Х	
Special paint base truck		Х
Hazard warning striping on counterweight		Х
SUPPLEMENTAL	STD	OPT
Literature package	х	
Operator's manual	х	
CE certification		х
Warranty: 12 months / 2,000 hours parts manufacturer's	х	



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