



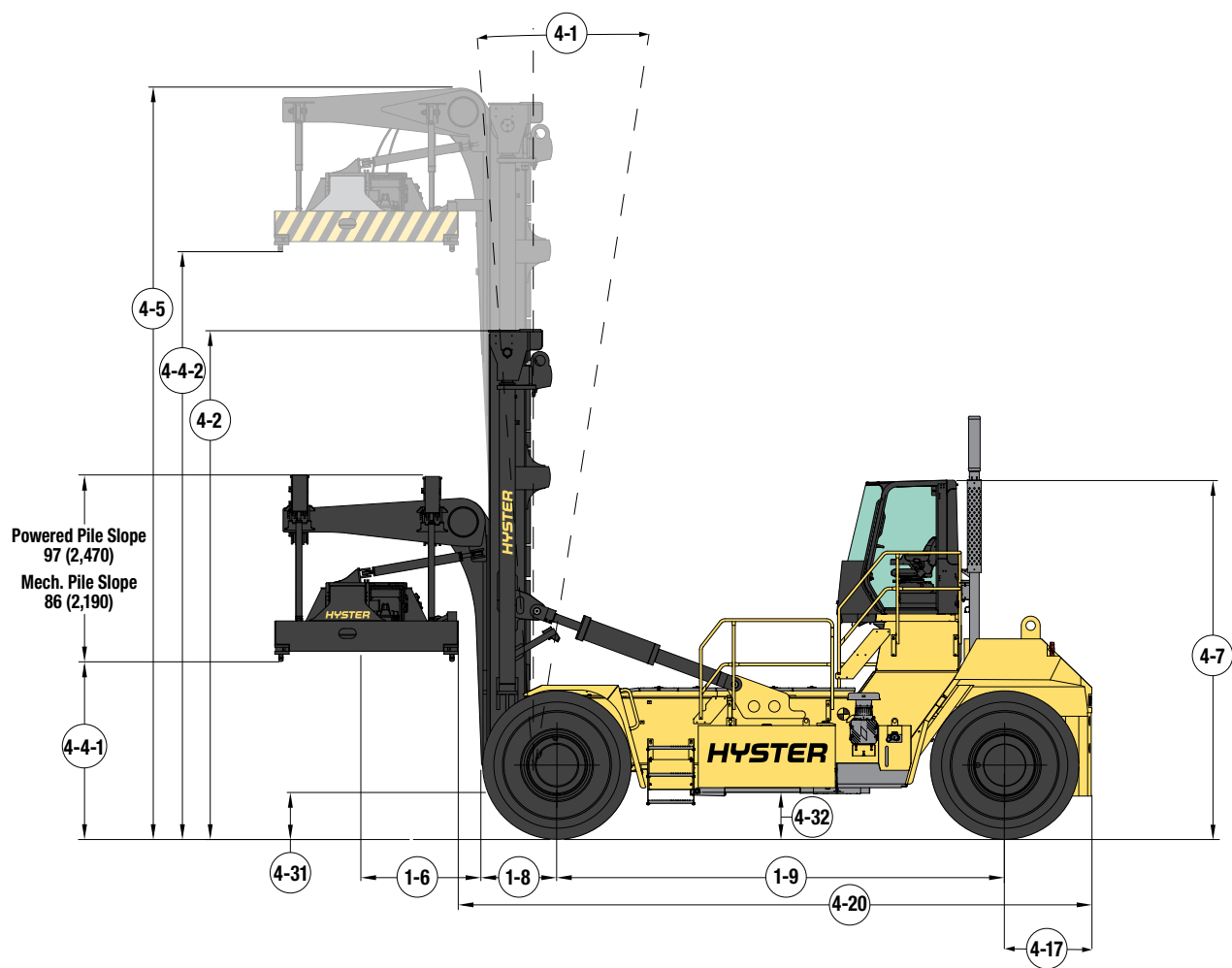
**STRONG PARTNERS.
TOUGH TRUCKS.™**

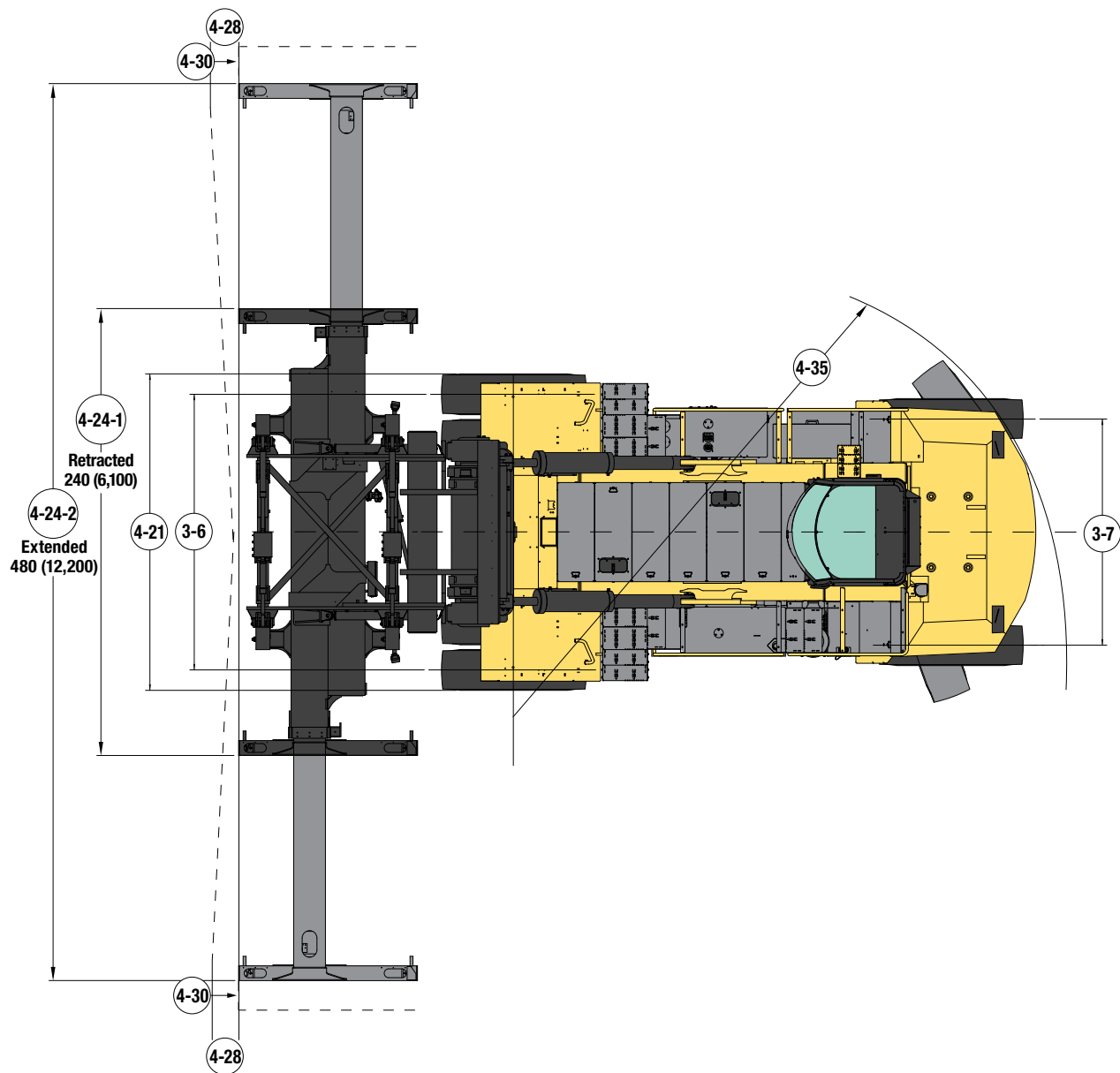


H1050-1150HD-CH SERIES TECHNICAL GUIDE

WWW.HYSTER.COM

> DIMENSIONS







H1050HD-CH 4-HIGH AND 5-HIGH SPECIFICATIONS

				4-high 18.00 25				5-high 18.00 25			
				HYSTER				HYSTER			
GENERAL				H1050HD-CH				H1050HD-CH			
				Diesel				Diesel			
				Seated				Seated			
WT				18.00 - 25 40PR				18.00 - 25 40PR			
				18.00 - 25 40PR				18.00 - 25 40PR			
WHEELS				x 4 / 2				x 4 / 2			
				x 4 / 2				x 4 / 2			
DIMENSIONS				6 / 10				6 / 10			
				6 / 10				6 / 10			
PERFORMANCE				MPS Gantry				MPS Gantry			
				MPS Gantry				MPS Gantry			
				24				24			
				24				24			
				34				34			
				34				34			
				33				33			
				33				33			
				48				48			
				48				48			
				On request				On request			
				On request				On request			

H1150HD-CH 4-HIGH AND 5-HIGH SPECIFICATIONS



GENERAL		Loaded Container Handler Truck			4-high 18.00 25				5-high 18.00 25			
	1-1	Manufacturer			HYSTER				HYSTER			
	1-2	Model designation			H1150HD-CH				H1150HD-CH			
	1-3	Drive			Diesel				Diesel			
	1-4	Operator type			Seated				Seated			
	1-5-1	Rated load capacity - extended	lbs	kg	90,390		41,000		90,390		41,000	
	1-5-2	Rated load capacity - retracted	lbs	kg	90,390		41,000		90,390		41,000	
	1-6-1	Load center distance - extended	in	mm	69		1,749		69		1,749	
	1-6-2	Load center distance - retracted	in	mm	59		1,509		59		1,509	
	1-8	Load distance	in	mm	35.4		900		35.4		900	
1-9	Wheelbase	in	mm	232		5,900		232		5,900		
WT	2-1	Total truck weight without load ⁽¹⁾	lbs	kg	165,415		75,031		170,664		77,412	
	2-2	Axle loading with load, front / rear	lbs	kg	229,199	103,963	25,263	11,459	235,211	106,690	25,602	11,613
WHEELS	2-3a	Axle loading without load, front / rear	lbs	kg	102,142	46,331	62,170	28,200	108,154	49,058	62,510	28,354
	3-1	Tire type			Pneumatic				Pneumatic			
	3-2	Tire size, front			18.00 - 25 40PR				18.00 - 25 40PR			
	3-3	Tire size, rear			18.00 - 25 40PR				18.00 - 25 40PR			
	3-5	Number of tires, front / rear (X driven)			x 4 / 2				x 4 / 2			
	3-6	Track width, front	in	mm	146		3,703		146		3,703	
	3-7	Track width, rear	in	mm	120		3,060		120		3,060	
DIMENSIONS	4-1	Mast tilt, forward / back	degree		6 / 10				6 / 10			
	4-2	Height, mast lowered	in	mm	314		7,966		368		9,352	
	4-3	Free lift	in	mm	0		0		0		0	
	4-4-1	Lift height under twistlocks, minimum	in	mm	90		2,280		90		2,280	
	4-4-2	Lift height under twistlocks, maximum	in	mm	474		12,034		588		14,930	
	4-5	Height, mast extended	in	mm	524		13,320		681		17,293	
	4-7	Height of closed cabin (with work lights)	in	mm	191		4,839		191		4,839	
	4-8	Seat height to SIP ⁽³⁾	in	mm	139		3,525		139		3,525	
	4-17	Overhang	in	mm	43		1,093		43		1,093	
	4-19	Overall length	in	mm	421		10,698		421		10,698	
	4-20	Length to face of spreader	in	mm	314		7,968		314		7,968	
	4-21	Overall width across all of truck	in	mm	165		4,200		165		4,200	
	4-23	Carriage spreader	Type		MPS Gantry				MPS Gantry			
	4-24-1	Spreader width, retracted	in	mm	240		6,100		240		6,100	
	4-24-2	Spreader width, extended	in	mm	480		12,200		480		12,200	
	4-28	Slewing, 6° total	in	mm	+/- 9.4		+/- 240		+/- 9.4		+/- 240	
	4-30	Sideshift	in	mm	+/- 15.7		+/- 400		+/- 15.7		+/- 400	
	4-31	Ground clearance, lowest point	in	mm	14.1		357		14.1		357	
	4-32	Ground clearance, center of wheelbase	in	mm	12.9		328		12.9		328	
	4-34-3	Aisle width with 7.8" (200mm) operating clearance: 20' container	in	mm	469		11,915		469		11,915	
	4-34-4	Aisle width with 7.8" (200mm) operating clearance: 40' container	in	mm	561		14,245		561		14,245	
	4-35	Outside turning radius	in	mm	316		8,015		316		8,015	
PERFORMANCE		TIER 4F										
	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	49	0.25	53	0.27	49	0.25	53	0.27
	5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50	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	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	%		24		38		24		38	
	5-7-1	Gradeability - stall, with / without load	%		34		46		34		46	
		TIER 3										
	5-1	Travel speed, with / without load	mph	km/h	12.6	20	14.3	23	12.6	20	14.3	23
	5-1-1	Travel speed, with / without load, backwards	mph	km/h	12.6	20	14.3	23	12.6	20	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	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50	98	0.50	98	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with /without load	lbs	kN	75,124	334	76,515	340	75,124	334	76,515	340
	5-5-1	Drawbar pull - stall, with / without load	lbs	kN	104,124	463	105,515	469	104,124	463	105,515	469
	5-7	Gradeability - 1 mph (1.6 km/h, with / without load ⁽⁴⁾	%		31		46		31		46	
	5-7-1	Gradeability - stall, with / without load ⁽⁴⁾	%		45		46		45		46	
	5-9	Acceleration time, with / without load	s		On request				On request			

> H1150HD-CH 6-HIGH SPECIFICATIONS

GENERAL				6-high 18.00 25				6-high 18.00 33			
				HYSTER				HYSTER			
				H1150HD-CH				H1150HD-CH			
				Diesel				Diesel			
				Seated				Seated			
		1-5-1	Rated load capacity - extended	lbs	kg	82,200	37,290	82,200	37,290	82,200	37,290
		1-5-2	Rated load capacity - retracted	lbs	kg	82,200	37,290	82,200	37,290	82,200	37,290
		1-6-1	Load center distance - extended	in	mm	69	1,749	69	1,749	69	1,749
		1-6-2	Load center distance - retracted	in	mm	59	1,509	59	1,509	59	1,509
		1-8	Load distance	in	mm	35.4	900	35.4	900	35.4	900
WT		1-9	Wheelbase	in	mm	232	5,900	232	5,900	232	5,900
		2-1	Total truck weight without load ⁽¹⁾	lbs	kg	177,263	80,405	179,551	81,443	179,551	81,443
		2-2	Axle loading with load, front / rear	lbs	kg	242,480	109,987	28,733	13,033	243,659	110,522
		2-3a	Axle loading without load, front / rear	lbs	kg	115,225	52,265	62,038	28,140	116,823	52,990
WHEELS		3-1	Tire type	Pneumatic				Pneumatic			
		3-2	Tire size, front	18.00 - 25 40PR				18.00 - 33 40PR			
		3-3	Tire size, rear	18.00 - 25 40PR				18.00 - 33 40PR			
		3-5	Number of tires, front / rear (X driven)	x 4 / 2				x 4 / 2			
		3-6	Track width, front	in	mm	173	4,400	173	4,400	173	4,400
		3-7	Track width, rear	in	mm	120	3,060	120	3,060	120	3,060
		3-8	Number of tires, rear (X driven)	x 4 / 2				x 4 / 2			
DIMENSIONS		4-1	Mast tilt, forward / back	degree	6 / 8				6 / 8		
		4-2	Height, mast lowered	in	mm	425	10,802	429	10,895	429	10,895
		4-3	Free lift	in	mm	0	0	0	0	0	0
		4-4-1	Lift height under twistlocks, minimum	in	mm	90	2,280	90	2,280	90	2,280
		4-4-2	Lift height under twistlocks, maximum	in	mm	702	17,830	702	17,830	702	17,830
		4-5	Height, mast extended	in	mm	795	20,193	799	20,286	799	20,286
		4-7	Height of closed cabin (with work lights)	in	mm	191	4,839	194	4,931	194	4,931
		4-8	Seat height to SIP ⁽³⁾	in	mm	139	3,525	142	3,615	142	3,615
		4-17	Overhang	in	mm	43	1,093	43	1,093	43	1,093
		4-19	Overall length	in	mm	421	10,698	421	10,698	421	10,698
		4-20	Length to face of spreader	in	mm	314	7,968	314	7,968	314	7,968
		4-21	Overall width across all of truck	in	mm	193	4,900	193	4,900	193	4,900
		4-23	Carriage spreader	Type	MPS Gantry				MPS Gantry		
		4-24-1	Spreader width, retracted	in	mm	240	6,100	240	6,100	240	6,100
		4-24-2	Spreader width, extended	in	mm	480	12,200	480	12,200	480	12,200
		4-28	Slewing, 6° total	in	mm	+/- 9.4	+/- 240	+/- 9.4	+/- 240	+/- 9.4	+/- 240
		4-30	Sideshift	in	mm	+/- 15.7	+/- 400	+/- 15.7	+/- 400	+/- 15.7	+/- 400
		4-31	Ground clearance, lowest point	in	mm	14.1	357	17.8	452	17.8	452
		4-32	Ground clearance, center of wheelbase	in	mm	12.9	328	16.7	423	16.7	423
		4-34-3	Aisle width with 7.8" (200mm) operating clearance: 20' container	in	mm	469	11,915	469	11,915	469	11,915
		4-34-4	Aisle width with 7.8" (200mm) operating clearance: 40' container	in	mm	561	14,245	561	14,245	561	14,245
		4-35	Outside turning radius	in	mm	316	8,015	316	8,015	316	8,015
PERFORMANCE		TIER 4F									
		5-1	Travel speed, with / without load	mph	km/h	13.0	21	14.3	23	13.0	21
		5-1-1	Travel speed, with / without load, backwards	mph	km/h	13.0	21	14.3	23	13.0	21
		5-2	Lifting speed, with / without load	ft/min	m/s	49	0.25	53	0.27	49	0.25
		5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	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	55,753	248
		5-5-1	Drawbar pull - stall with / without load	lbs	kN	61,822	275	61,822	275	61,822	275
		5-7	Gradeability - 1 mph (1.6 km/h), with / without load	%		24		38		24	
		5-7-1	Gradeability - stall, with / without load	%		34		46		34	
		TIER 3									
		5-1	Travel speed, with / without load	mph	km/h	12.6	20	14.3	23	13.5	22
		5-1-1	Travel speed, with / without load, backwards	mph	km/h	12.6	20	14.3	23	13.5	22
		5-2	Lifting speed, with / without load	ft/min	m/s	51	0.26	59	0.30	51	0.26
		5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50	98	0.50
		5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load	lbs	kN	75,124	334	76,515	340	76,095	338
		5-5-1	Drawbar pull - stall, with / without load	lbs	kN	104,124	463	105,515	469	92,506	411
		5-7	Gradeability - 1 mph (1.6 km/h), with / without load ⁽⁴⁾	%		31		46		30	
		5-7-1	Gradeability - stall, with / without load ⁽⁴⁾	%		45		46		37	
		5-9	Acceleration time, with / without load	s		On request				On request	

GENERAL	1-1	Manufacturer		TIER 3				TIER 4F			
	1-2	Model designation		HYSTER				HYSTER			
	1-3	Power type		Diesel				Diesel			
ENGINE	7-1	Engine Manufacturer / model		Cummins / QSM 11				Cummins / QSL 9			
	7-1a	EPA / CE Compliance		Tier 3 / Stage IIIA				Tier 4F / Stage IV			
	7-2a	Engine power output - Rated	hp	kW	335	250	350	261			
	7-2b	Engine power output - Peak	hp	kW	365	272	380	283			
	7-3	Rated speed	rpm	2,100				2,100			
	7-3-1	Engine torque @ 1500 rpm (1/min)	lb-ft	N-m	1,235@1400	1,674@1400	1,201@ 1,500	1,627@ 1,500			
	7-4	Number of cylinders / displacement	# / in3	# / cm3	6 / 659	6 / 10,800	6 / 543	6 / 8,900			
	x	Turbocharger	Type	Wastegate, water-cooled				Variable geometry, water-cooled			
	7-8	Alternator output	Amps	120				120			
	7-9	Electrical system voltage	Volts	24				24			
DRIVE	7-10	Battery voltage, rated capacity	V /Ah	24 / 102				24 / 102			
	8-1	Drive control / Transmission	Type	Powershift Transmission				Powershift Transmission			
	8-2	Transmission manufacturer / type	Type	Spicer Off-Highway TE-32				Spicer Off-Highway TE-32			
	8-4	Transmission speeds forward / backward	#	4 / 4				4 / 4			
	8-5	Coupling	Type	Torque Converter				Torque Converter			
	8-6	Wheel drive / drive axle manufacturer / type	Type	Kessler D102				Kessler D102			
	8-11	Service brake	Type	Oil immersed disc				Oil immersed (wet) disc			
	8-12	Parking brake	Type	Spring applied, dry disc on drive axle				Spring applied, dry disc on drive axle			
SPREADER	9-1	Spreader manufacturer / type	Type	ELME / 818 Gantry Top Lift				ELME / 818 Gantry Top Lift			
	9-2	Pile slope type	Type	Mechanical Pile Slope				Mechanical Pile Slope			
	9-3	Size of containers	ft	ISO 20' - 40'				ISO 20' - 40'			
	9-4	Side shift	in	mm	+/- 8.5	+/- 216	+/- 8.5	+/- 216			
	9-5	Pile slope	degrees	+/- 2.5				+/- 2.5			
	9-6	Rotation angle	degrees	+/- 3.0				+/- 3.0			
	9-7	Longitudinal adjustment	in	mm	+/- 9.4	+/- 240	+/- 9.4	+/- 240			
	9-8	Telescoping time, extend / retract	seconds	12 / 12				12 / 12			
MISC	10-1	Operating pressure for attachments	psi	bar	2,031	140	2,031	140			
	10-3	Hydraulic oil tank capacity, H1050 / H1150	gal	l	163	625	189	725			
	10-4	Fuel tank capacity	gal	l	216	830	216	830			
	10-4-1	DEF tank capacity	gal	l	N/A				15	57	
	10-5	Steering design	Hydrostatic				Hydrostatic				
	10-6	Number of steering rotation	#	6.0				6.0			

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) Weights are based on the following specifications: Complete truck with cab, pneumatic tires, mast as specified, carriage as specified and 20' – 40' spreader.
- (2) Spreader, distance from ground to twistlocks.
- (3) Full suspension seat in depressed position.
- (4) Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.

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

ALL TIRES	H1150HD-CH 5-High Mast		H1150HD-CH 6-High Mast (6° fwd / 8° rwd Mast Tilt Required)									
	1st - 5th Container		1st - 5th Container		6th Container							
	MPS / PPS		MPS / PPS		MPS				PPS			
	Retracted / Extended		Retracted / Extended		Retracted		Extended		Retracted		Extended	
	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

ALL TIRES	H1050HD-CH 4-High Mast		H1050HD-CH 5-High Mast									
	1st - 4th Container		1st - 4th Container		5th Container							
	MPS / PPS		MPS / PPS		MPS				PPS			
	Retracted / Extended		Retracted / Extended		Retracted		Extended		Retracted		Extended	
	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



ENGINE – TIER 4 FINAL

Cummins QSL 6-cylinder diesel engine delivers 350 hp rated (363 hp peak) and 1200 lb-ft of maximum torque. EPA Tier 4 Final compliant engine features cooled exhaust gas recirculation (EGR) technology with selective catalytic reduction (SCR) and an integrated diesel exhaust fluid (DEF) delivery system.

A 2-stage diesel oxidation catalyst (DOC) is also included for particulate matter (PM) reduction. Innovative selectable ECO performance modes offer excellent fuel economy and maximum productivity providing up to 20% fuel consumption reduction over Tier 3 baseline engines

Hibernate idle saves fuel by lowering engine speed when functions are not being used.

Also includes:

- Water-cooled variable geometry turbocharger.
- 120 amp alternator.
- Automatic throttle-up on hoist enables engine to run in most efficient rpm range.
- Standard diffuser for exhaust temperature reduction.

OPTIONAL ENGINE – TIER 3 (NOT AVAILABLE FOR US AND CANADA)

Cummins QSM 6-cylinder diesel engine delivers rated 335 hp (365 hp peak) and 1235 lb-ft of maximum torque. EPA Tier 3 compliant.

Also includes:

- Water-cooled wastegate turbocharger.
- 120 amp alternator.

CONTAINER ATTACHMENT

Equipped with Hyster® model 818 Gantry mounted spreader. Extends from 20' to 40' to handle both ISO and domestic with twistlock pockets in the standard ISO position. The spreader features 31.5" of sideshift; 3 degrees of mechanical pile slope; 4 twistlocks to engage corner castings; and 1 lifting eye in each of the 4 corners.

- Powered Pile Slope is optional allowing the operator to control the horizontal orientation of the spreader hydraulically by raising/lowering either the right or left side of the spreader up to 6 degrees.
- Includes container counter.
- Electronic Twistlock Position indicator with LED signals and audible tone inside the cab.

HYDRAULIC SYSTEM

- Leak-free ORFS fittings
- Parker Hannifin gear-type pumps

ELECTRICAL SYSTEM

- Sealed Deutsch connectors.
- CANbus system for easy diagnostics of engine, transmission, hydraulics and spreader.

OPERATOR AREA

- Ergonomically designed hydraulic controls and direction control lever are within easy reach.
- Angled floor plate and pedals are positioned for operator comfort.
- Telescopic, tilt steer column.
- Several air suspension seat options are available.
- Tilting cab for increased visibility for high stacking.

> FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
Cummins QSL 9L diesel engine rated 350 hp Tier 4 / 271 kW Stage IV *	X	
Cummins QSM 11L diesel engine rated 335 hp Tier 3 / 250 kW Stage IIIA *	X	
Tier 4 / Stage IV compliant*	X	
Tier 3 / Stage III compliant*	X	
Hibernate Idle*	X	
Hydraulically driven on-demand cooling fan*	X	
Wastegate turbocharger*	X	
120 amp alternator	X	
Powertrain protection system	X	
Spicer Off-Highway TE-32 4-speed auto-shifting transmission	X	
Kessler D102 drive axle with wet disc brakes	X	
Kessler D102 extra wide drive axle with wet disc brakes (mandatory for 6-high)		X
DRIVE	STD	OPT
Traction speed limiter - unconditional (adjustable)		X
Traction speed limiter based on container carrying and tilt position		X
18.00-25 40PR Pneumatic Bridgestone STMS Slick drive and steer tires		X
Radial 18.00-25 R25 Michelin XZM drive and steer tires		X
18.00-R25 Goodyear EV-5S Slick Radial drive and steer tires		X
18.00-33 36PR Pneumatic Bias Ply drive and steer tires		X
18.00-25 40PR Pneumatic Bias Ply drive and steer tires	X	
Radial 18.00-33 R33 Michelin XZM drive and steer tires		X
LIFT	STD	OPT
Hydraulic System with Triple Gear Pump	X	
Automatic Throttle-up when lifting (in neutral or inching)*	X	
2 Stage Non Free Lift mast for 3-high stacking		X
2 Stage Non Free Lift mast for 4-high stacking		X
2 Stage Non Free Lift mast for 5-high stacking	X	
2 Stage Non Free Lift mast for 6-high stacking		X
Hydraulic system temperature protection	X	

HANDLING	STD	OPT
CANBus Spreader, ELME Model 818 with Gantry carriage	X	
Mechanical Pile Slope	X	
Powered Pile Slope		X
4 lifting eyes located on end beam corners	X	
4 lifting eyes located under center beam of spreader		X
Spreader Guides located at end of spreader beams		X
Spreader Guides located 19.9" (506mm) inwards from center of spreader end beam		X
Automatic one-touch Extend/Retract (20'/40') for spreader		X
Mast Tilt Indicator - Mechanical	X	
Stops for 30' containers		X
Stops for 20-40' containers		X
Over-lowering protection	X	
Over-lowering protection based on spreader extension beam angle		X
ERGONOMICS	STD	OPT
Auto Tip-Up Cabin 10°		X
Isolated mounting for low noise and vibration	X	
Mechanical suspension seat	X	
Deluxe air suspension seat		X
Low backrest seat	X	
High backrest seat		X
Cloth seat cover	X	
Vinyl seat cover		X
Seat heating		X
2-point high visibility seatbelt	X	
3-point high visibility seatbelt		X
Floor mat	X	
Front, top and rear wipers	X	
"H"-pattern front wiper		X
"I"-pattern front wiper	X	
Left side handrails, stairway and cabin door	X	
Right side handrails, stairway and cabin door	X	
7" digital operator display	X	
Multifunction display panel	X	

ERGONOMICS	STD	OPT
Seat-side joystick hydraulic control	X	
Steering wheel with spinner knob	X	
Directional control lever	X	
Park brake - manual	X	
Park brake - automatic		X
Interior wide angle mirrors	X	
Heater with 3 speed fan	X	
Telescoping & tilting steering column	X	
DC/DC converter 24 volt/12 volt with socket	X	
DC/DC converter 24 volt/12 volt 2nd 12 volt socket		X
Air conditioning		X
Reading light		X
Sun shades on top and rear		X
Trainer seat		X
Recirculation fan	X	
Rear locking console		X
Accessory mounting post		X
Heated top window		X
Radio preparation set-up (wiring, two speakers and antenna)		X
OPERATION	STD	OPT
Electric air horn 112 dBA	X	
Visible alarm – Amber strobe light, key switch activated	X	
Audible alarm – Reverse direction activated 82–102 dB(A), self-adjusting	X	
Forward motion alarm		X
Seatbelt interlock for engine start		X
Green seatbelt indicator light on top of operator cabin		X
Hydraulic load weighing system		X
Tire pressure monitoring system		X
Lockable battery disconnect switch	X	
Battery jump start connector (NATO plug)		X
“Empty seat” engine shutdown, adjustable automatically		X
Non-lockable fuel cap	X	


OPERATION	STD	OPT
Lockable fuel cap		X
Diesel fuel inlet strainer in filler neck		X
Hyster Tracker wireless asset management system	X	
Hyster Tracker wireless asset management - Access / Verification		X
Hyster Tracker wireless asset management - Monitoring		X
Centralized Greasing provision for mast upper chain sheaves		X
Auto greasing system for basic truck & outer mast		X
Auto greasing system for spreader		X
24 volt electrical system	X	
Engine block heater 110 & 240 volt		X
Second hour meter on fuel tank		X
Steer wheel lug nut protection	X	
Engine compartment light		X
VISIBILITY	STD	OPT
External wide angle mirrors mounted on top of front fenders	X	
Rear view camera system		X
Halogen work lights	X	
High Performance LED work lights		X
LED twistlock indicator lights	X	
LED stop/tail/brake lights	X	
Turn signals, hazard & marker lights (LED)	X	
APPEARANCE	STD	OPT
Hyster yellow paint base truck	X	
SUPPLEMENTAL	STD	OPT
Literature package	X	
Operator's manual	X	
CE certification		X
Warranty: 12 Months / 2,000 Hours manufacturer's warranty	X	

*Standard or optional in selected markets. Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.



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