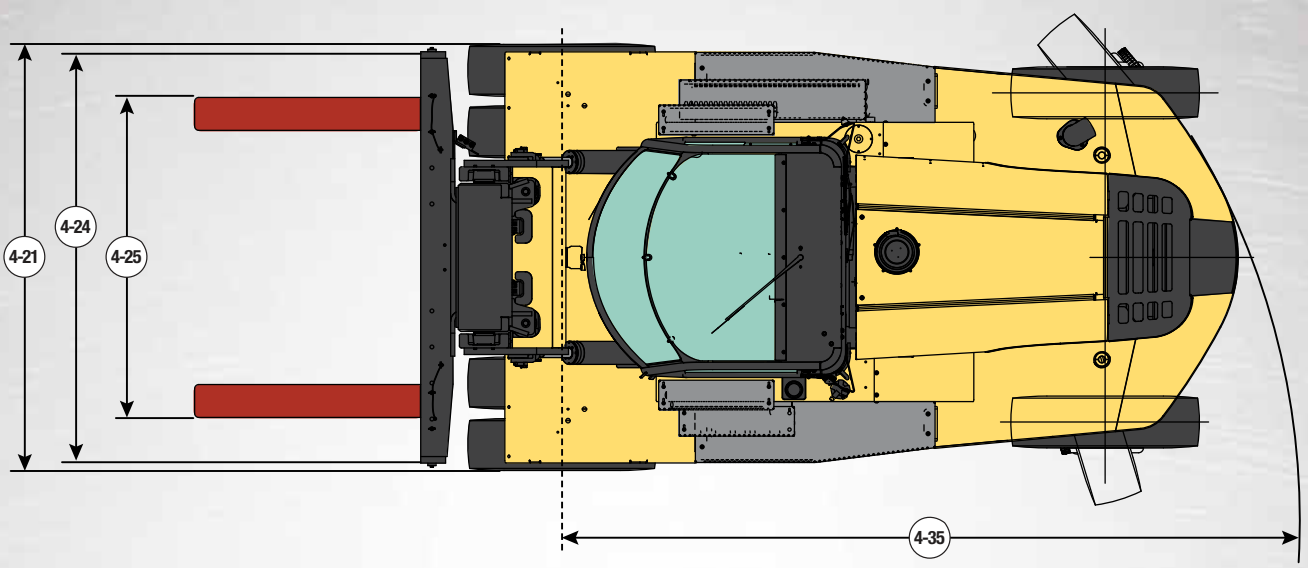
H300-360HD$_2$
H210/250-48HD SERIES

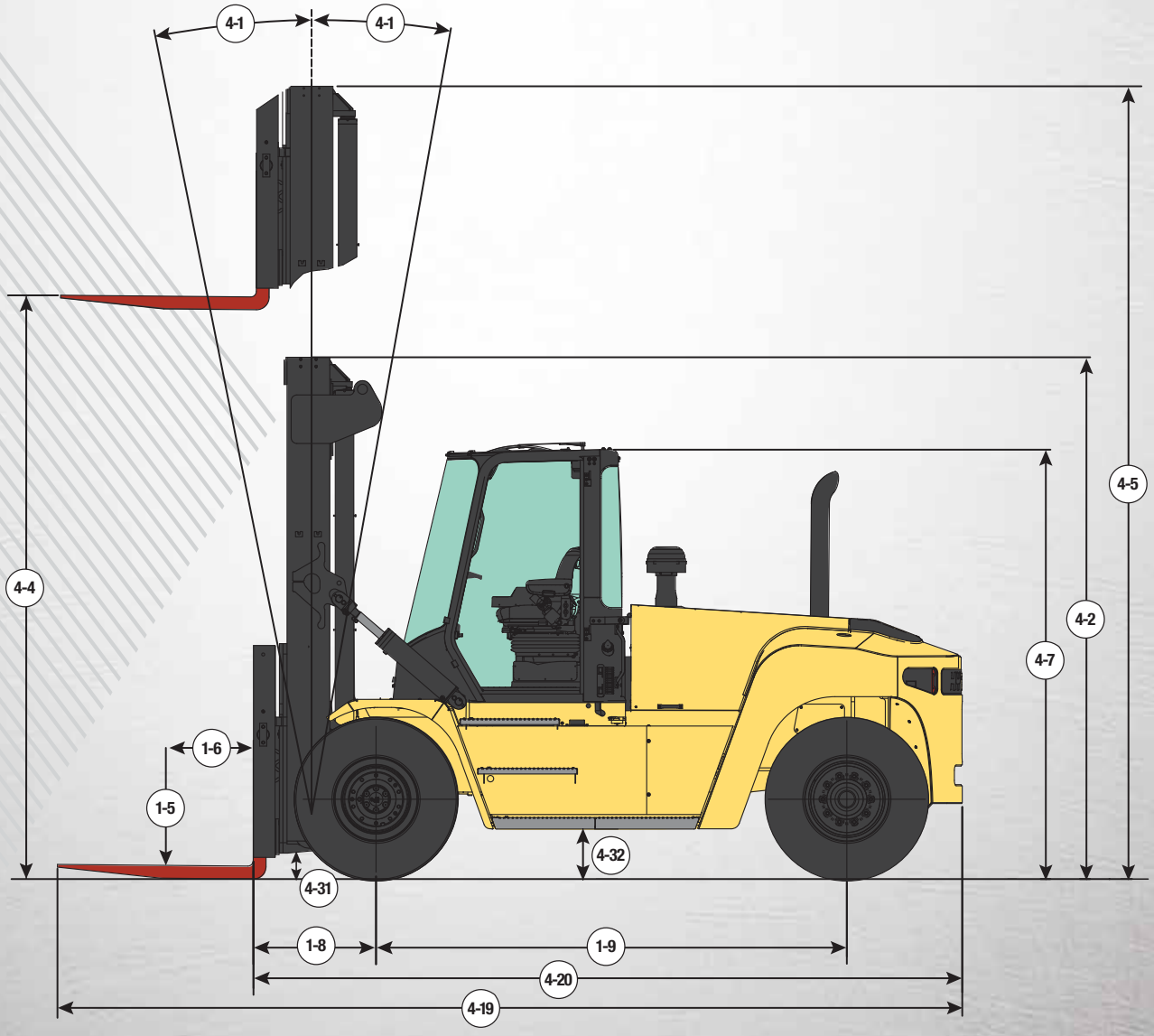
HYSTER

TECHNICAL GUIDE

Heavy Duty Forklift Truck

H300-360HD$_2$ / H210-48HD - H250-48HD DIMENSIONS





H300-360HD$_2$ SPECIFICATIONS

		Description		Units		English	Metric	English	Metric	English	Metric
GENERAL	1-1	Manufacturer				HYSTER	HYSTER	HYSTER	HYSTER	HYSTER	HYSTER
	1-2	Model designation				H300HD$_2$	H300HD$_2$	H330HD$_2$	H330HD$_2$	H360HD$_2$	H360HD$_2$
	1-5	Rated load capacity		lbs	kg	30,000	13,608	33,000	14,969	36,000	16,329
	1-6	Load center		in	mm	24.0	610	24.0	610	24.0	610
	1-8	Load distance		in	mm	33.9	862	33.9	862	33.9	862
	1-9	Wheelbase		in	mm	130	3,300	130	3,300	130	3,300
WEIGHTS	2-1	Total truck weight without load		lbs	kg	38,921	17,654	40,320	18,289	42,647	19,344
	2-2a	Axle loading with load	front	lbs	kg	64,264	29,150	68,560	31,098	72, 837	33,038
	2-2b		rear	lbs	kg	4,656	2,112	4,760	2,159	5,810	2,635
	2-3a	Axle loading without load	front	lbs	kg	20,806	9,437	20,773	9,422	20,722	9,399
	2-3b		rear	lbs	kg	18,115	8,217	19,547	8,866	21,925	9,945
WHEELS	3-1	Tire type				Pneumatic		Pneumatic		Pneumatic	
	3-2	Tire size	front			12.00x20 16PR Bias		12.00x20 16PR Bias		12.00x20 16PR Bias	
	3-3		rear			12.00x20 16PR Bias		12.00x20 16PR Bias		12.00x20 16PR Bias	
DIMENSIONS	4-1	Mast tilt, forward / back		degree		15 F / 12 B		15 F / 12 B		15 F / 12 B	
	4-2	Height of mast lowered		in	mm	144	3,641	144	3,641	144	3,641
	4-3	Freelift (Top of Fork)		in	mm	0	0	0	0	0	0
	4-4	Lift height (Top of Fork)		in	mm	147	3,750	147	3,750	147	3,750
	4-5	Height of mast extended		in	mm	216	5,470	216	5,470	216	5,470
	4-7	Height to top of operator compartment		in	mm	120	3,048	120	3,048	120	3,048
	4-19	Overall length		in	mm	268	6,796	268	6,796	268	6,796
	4-20	Length to load face		in	mm	196	4,971	196	4,971	196	4,971
	4-21	Overall width over drive tires		in	mm	102	2,592	102	2,592	102	2,592
	4-22a	Fork	thickness	in	mm	3.5	90	3.5	90	3.5	90
	4-22b		width	in	mm	7.9	200	7.9	200	7.9	200
	4-22c		length	in	mm	72	1,825	72	1,825	72	1,825
	4-24	Carriage width		in	mm	98	2,500	98	2,500	98	2,500
	4-25a	Fork spread, min (in-in)		in	mm	3.0	75	3.0	75	3.0	75
	4-25b	Fork spread, max (out-out)		in	mm	95.3	2,420	95.3	2,420	95.3	2,420
	4-31	Ground clearance, under mast with load		in	mm	7	178	7	178	7	178
	4-32	Ground clearance, center of wheelbase		in	mm	13	330	13	330	13	330
	4-33	Minimum aisle width (add load length + clearance)		in	mm	214	5,446	214	5,446	214	5,446
	4-35	Outside turning radius		in	mm	180	4,584	180	4,584	180	4,584
MISC	8-7	Hydraulic tank capacity		gal	l	37	140	37	140	37	140
	8-8	Fuel tank capacity		gal	l	42	159	42	159	42	159
	10-4	DEF Tank Capacity		gal	l	5.0	19.0	5.0	19.0	5.0	19.0
PERFORMANCE		PERFORMANCE		WITH TIER 4 FINAL CUMMINS QSB 6.7L ENGINE							
	5-1a	Travel speed	with load	mph	km/h	17	27	17	27	17	27
	5-1b		without load	mph	km/h	18	28	18	28	18	28
	5-2a	Lifting speed	with load	ft/min	m/s	71	0.36	71	0.36	71	0.36
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-2a	Lifting speed	with load	ft/min	m/s	71	0.36	71	0.36	71	0.36
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-3a	Lowering speed	with load	ft/min	m/s	98	0.50	98	0.50	98	0.50
	5-3b		without load	ft/min	m/s	94	0.48	94	0.48	94	0.48
	5-6	Drawbar pull – Max		lbs.	kN	27,800	124	27,700	123	27,800	124
	5-7	Gradeability – no load / rated load – 1 mph (1.6 km/h)		%		38 / 39	38 / 39	36 / 37	36 / 37	34 / 33	34 / 33
		PERFORMANCE		WITH TIER 3 CUMMINS QSB 6.7L ENGINE							
	5-1a	Travel speed	with load	mph	km/h	19	30	19	30	19	30
	5-1b		without load	mph	km/h	20	32	20	32	20	32
	5-1a	Lifting speed	with load	ft/min	m/s	67	0.34	67	0.34	67	0.34
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-2a	Lifting speed	with load	ft/min	m/s	67	0.34	67	0.34	67	0.34
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-3a	Lowering speed	with load	ft/min	m/s	98	0.50	98	0.50	98	0.50
	5-3b		without load	ft/min	m/s	95	0.48	95	0.48	95	0.48
	5-6	Drawbar pull - Max		lbs	kN	25,500	113	25,500	113	25,400	113
	5-7	Gradeability - no load / rated load - 1 mph (1.6 km/h)		%		38 / 35	38 / 35	36 / 33	36 / 33	34 / 30	34 / 30

CERTIFICATION: These Hyster® lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI 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.

H210-48HD - H250-48HD SPECIFICATIONS

		Description		Units		English	Metric	English	Metric	English	Metric
GENERAL	1-1	Manufacturer				HYSTER	HYSTER	HYSTER	HYSTER	HYSTER	HYSTER
	1-2	Model designation				H210-48HD	H210-48HD	H230-48HD	H230-48HD	H250-48HD	H250-48HD
	1-5	Rated load capacity		lbs	kg	21,000	9,525	23,000	10,433	25,000	11,340
	1-6	Load center		in	mm	48.0	1,219	48.0	1,219	48.0	1,219
	1-8	Load distance		in	mm	33.9	862	33.9	862	33.9	862
	1-9	Wheelbase		in	mm	130	3,300	130	3,300	130	3,300
WEIGHTS	2-1	Total truck weight without load		lbs	kg	39,247	17,802	40,646	18,911	42,973	19,492
	2-2a	Axle loading with load	front	lbs	kg	55,795	25,308	60,244	27,326	62,232	28,228
	2-2b		rear	lbs	kg	4,452	2,019	4,624	2,018	5,741	2,604
	2-3a	Axle loading without load	front	lbs	kg	21,557	9,778	21,524	10,317	21,473	9,740
	2-3b		rear	lbs	kg	17,690	8,024	19,122	8,594	21,500	9,752
WHEELS	3-1	Tire type				Pneumatic		Pneumatic		Pneumatic	
	3-2	Tire size	front			12.00x20 16PR Bias		12.00x20 16PR Bias		12.00x20 16PR Bias	
	3-3		rear			12.00x20 16PR Bias		12.00x20 16PR Bias		12.00x20 16PR Bias	
DIMENSIONS	4-1	Mast tilt, forward / back		degree		15 F / 12 B		15 F / 12 B		15 F / 12 B	
	4-2	Height of mast lowered		in	mm	144	3,641	144	3,641	144	3,641
	4-3	Freelift (Top of Fork)		in	mm	0	0	0	0	0	0
	4-4	Lift height (Top of Fork)		in	mm	147	3,750	147	3,750	147	3,750
	4-5	Height of mast extended		in	mm	216	5,470	216	5,470	216	5,470
	4-7	Height to top of operator compartment		in	mm	120	3,048	120	3,048	120	3,048
	4-19	Overall length		in	mm	292	7,409	292	7,409	292	7,409
	4-20	Length to load face		in	mm	196	4,971	196	4,971	196	4,971
	4-21	Overall width over drive tires		in	mm	102	2,592	102	2,592	126	3,200
	4-22a	Fork	thickness	in	mm	3.5	90	3.5	90	3.5	90
	4-22b		width	in	mm	7.9	200	7.9	200	7.9	200
	4-22c		length	in	mm	96	2,438	96	2,438	96	2,438
	4-24	Carriage width		in	mm	98	2,500	98	2,500	98	2,500
	4-25a	Fork spread, min (in-in)		in	mm	3.0	75	3.0	75	3.0	75
	4-25b	Fork spread, max (out-out)		in	mm	95.3	2,420	95.3	2,420	95.3	2,420
	4-31	Ground clearance, under mast with load		in	mm	7	178	7	178	7	178
	4-32	Ground clearance, center of wheelbase		in	mm	13	330	13	330	13	330
	4-33	Minimum aisle width (add load length + clearance)		in	mm	214	5,446	214	5,446	214	5,446
	4-35	Outside turning radius		in	mm	180	4,584	180	4,584	180	4,584
MISC	8-7	Hydraulic tank capacity		gal	l	37	140	37	140	37	140
	8-8	Fuel tank capacity		gal	l	42	159	42	159	42	159
	10-4	DEF Tank Capacity		gal	l	5.0	19.0	5.0	19.0	5.0	19.0
PERFORMANCE		PERFORMANCE		WITH TIER 4 FINAL CUMMINS QSB 6.7L ENGINE							
	5-1a	Travel speed	with load	mph	km/h	17	27	17	27	17	27
	5-1b		without load	mph	km/h	18	28	18	28	18	28
	5-2a	Lifting speed	with load	ft/min	m/s	71	0.36	71	0.36	71	0.36
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-2a	Lifting speed	with load	ft/min	m/s	71	0.36	71	0.36	71	0.36
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-3a	Lowering speed	with load	ft/min	m/s	98	0.50	98	0.50	98	0.50
	5-3b		without load	ft/min	m/s	94	0.48	94	0.48	94	0.48
	5-6	Drawbar pull – Max		lbs	kN	27,800	124	27,700	123	27,700	123
	5-7	Gradeability – no load / rated load – 1 mph (1.6 km/h)		%		38 / 45	38 / 45	38 / 42	38 / 42	34 / 39	34 / 39
		PERFORMANCE		WITH TIER 3 CUMMINS QSB 6.7L ENGINE							
	5-1a	Travel speed	with load	mph	km/h	19	30	19	30	19	30
	5-1b		without load	mph	km/h	20	32	20	32	20	32
	5-1a	Lifting speed	with load	ft/min	m/s	67	0.34	67	0.34	67	0.34
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-2a	Lifting speed	with load	ft/min	m/s	67	0.34	67	0.34	67	0.34
	5-2b		without load	ft/min	m/s	81	0.41	81	0.41	81	0.41
	5-3a	Lowering speed	with load	ft/min	m/s	98	0.50	98	0.50	98	0.50
	5-3b		without load	ft/min	m/s	95	0.48	95	0.48	95	0.48
	5-6	Drawbar pull - Max		lbs.	kN	25,600	114	25,500	113	25,400	113
	5-7	Gradeability no load / rated load - 1 mph (1.6 km/h)		%		38 / 41	38/ 41	38 / 38	38 / 38	34/ 35	34 / 35

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H300HD$_2$S AND H330HD$_2$S SPECIFICATIONS*

		Description		Units		English	Metric	English	Metric
GENERAL	1-1	Manufacturer				HYSTER	HYSTER	HYSTER	HYSTER
	1-2	Model designation				H300HD$_2$S	H300HD$_2$S	H330HD$_2$S	H330HD$_2$S
	1-5	Rated load capacity		lbs	kg	30,000	13,608	33,000	14,969
	1-6	Load center		in	mm	24.0	610	24.0	610
	1-8	Load distance		in	mm	33.9	862	33.9	862
	1-9	Wheelbase		in	mm	114	2,900	114	2,900
WEIGHTS	2-1	Total truck weight without load		lbs	kg	39,211	17,786	40,750	18,484
	2-2a	Axle loading with load	front	lbs	kg	64,549	29,279	68,954	31,277
	2-2b		rear	lbs	kg	4,709	2,136	4,795	2,175
	2-3a	Axle loading without load	front	lbs	kg	19,235	8,725	19,207	8,712
	2-3b		rear	lbs	kg	19,976	9,061	21,541	9,771
WHEELS	3-1	Tire type				Pneumatic		Pneumatic	
	3-2	Tire size	front			12.00x20 16PR Bias		12.00x20 16PR Bias	
	3-3		rear			12.00x20 16PR Bias		12.00x20 16PR Bias	
DIMENSIONS	4-1	Mast tilt, forward / back		degree		15 F / 12 B		15 F / 12 B	
	4-2	Height of mast lowered		in	mm	144	3,641	144	3,641
	4-3	Freelift (Top of Fork)		in	mm	0	0	0	0
	4-4	Lift height (Top of Fork)		in	mm	147	3,750	147	3,750
	4-5	Height of mast extended		in	mm	216	5,470	216	5,470
	4-7	Height to top of operator compartment		in	mm	121	3,064	121	3,064
	4-19	Overall length		in	mm	252	6,396	252	6,396
	4-20	Length to load face		in	mm	180	4,571	180	4,571
	4-21	Overall width over drive tires		in	mm	102	2,592	102	2,592
	4-22a	Fork	thickness	in	mm	3.5	90	3.5	90
	4-22b		width	in	mm	7.9	200	7.9	200
	4-22c		length	in	mm	72	1,825	72	1,825
	4-24	Carriage width		in	mm	98	2,500	98	2,500
	4-25a	Fork spread, min (in-in)		in	mm	3.0	75	3.0	75
	4-25b	Fork spread, max (out-out)		in	mm	95.3	2,420	95.3	2,420
	4-31	Ground clearance, under mast with load		in	mm	7	178	7	178
	4-32	Ground clearance, center of wheelbase		in	mm	14	346	14	346
	4-33	Minimum aisle width (add load length + clearance)		in	mm	199	5,049	199	5,049
	4-35	Outside turning radius		in	mm	165	4,187	165	4,187
MISC	8-7	Hydraulic tank capacity		gal	l	33	125	33	125
	8-8	Fuel tank capacity		gal	l	34	128	34	128
	10-4	DEF Tank Capacity		gal	l	5.0	19.0	5.0	19.0
PERFORMANCE		PERFORMANCE				WITH TIER 4 FINAL CUMMINS QSB 4.5L ENGINE**			
	5-1a	Travel speed	with load	mph	km/h	16	26	16	26
	5-1b		without load	mph	km/h	17	27	17	27
	5-2a	Lifting speed	with load	ft/min	m/s	64	0.32	64	0.32
	5-2b		without load	ft/min	m/s	73	0.37	73	0.37
	5-2a	Lifting speed	with load	ft/min	m/s	64	0.32	64	0.32
	5-2b		without load	ft/min	m/s	73	0.37	73	0.37
	5-3a	Lowering speed	with load	ft/min	m/s	94	0.48	94	0.48
	5-3b		without load	ft/min	m/s	87	0.44	87	0.44
	5-6	Drawbar pull – Max		lbs.	kN	25,700	122	26,900	124
	5-7	Gradeability – no load / rated load – 1 mph (1.6 km/h)		%		33 / 27	33 / 27	33 / 33	33 / 33

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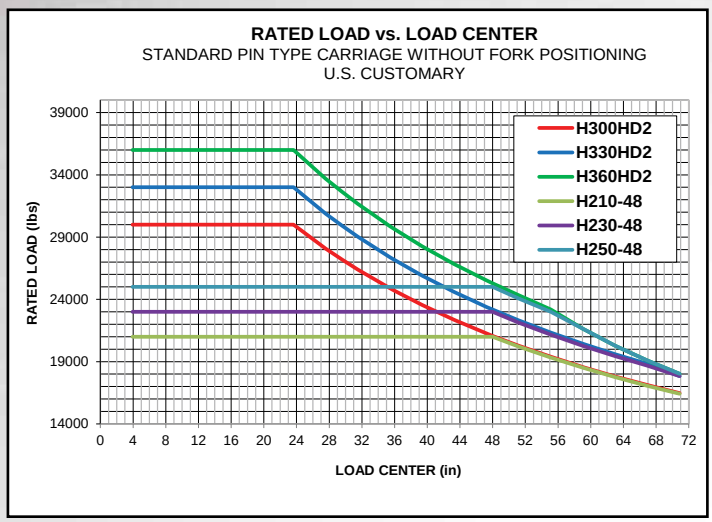
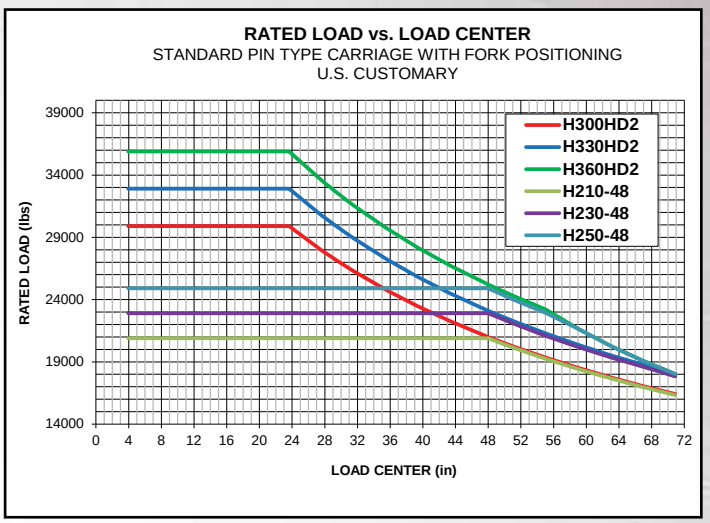
** SPED truck only*

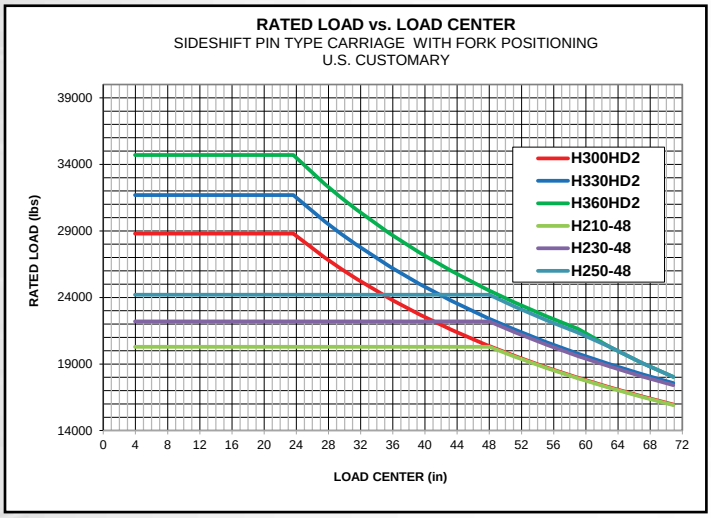
*** The H300-330HD$_2$S models are available with a Tier 4 Final QSB 4.5L engine only. Not available with Tier 3 QSB 6.7L engines.*

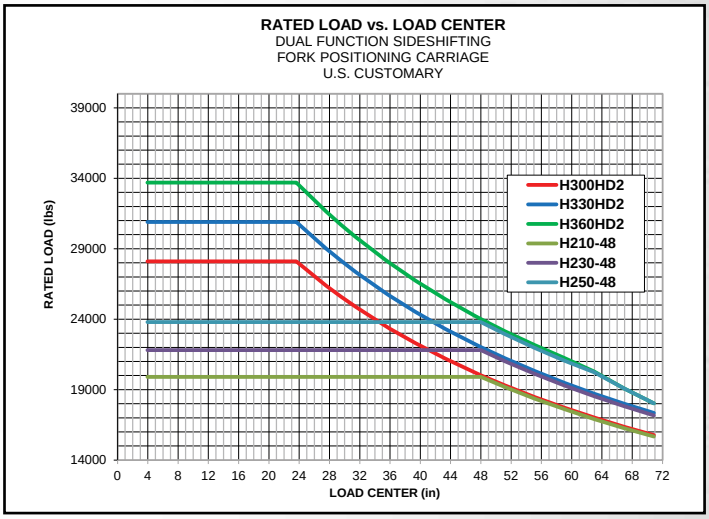
POWERTRAINS		UNITS		Tier 4 Final		Tier 3*	
1-3	Power type			Diesel		Diesel	
7-1	Engine Manufacturer / model			Cummins QSB 6.7L		Cummins QSB 6.7L	
7-1a	EPA Tier Compliance			Tier 4 Final		Tier 3	
7-2a	Engine power output - Rated	hp	(kW)	164	122	155	116
7-2b	Engine power output - Peak	hp	(kW)	168	125	155	116
7-3	Governed speed	rpm		2,300		2,300	
7-4	Number of cylinders / displacement	# / l		6 / 6.7L		6 / 6.7L	
7-5	Engine torque - Max	lb-ft	(N-m)	540	732	443	600
7-5a	Turbocharger	Type		Variable Geometry, Water Cooled		Wastegate	
7-9	Alternator output	Amps		120		120	
8-0	Transmission Manufacturer / model			ZF WG161		ZF WG161	
8-1	Transmission type & speeds			Powershift 3F x 3R		Powershift 3F x 3R	
8-3	Drive Axle Manufacturer			AxleTech PRC 785		AxleTech PRC 785	
5-10	Service Brake			Oil immersed (wet) disc		Oil immersed (wet) disc	
5-11	Park Brake			Spring apply, dry disc		Spring apply, dry disc	

RATED CAPACITIES









Model H300HD$_2$:
30,000 lbs. at 24" (13608 kg at 600 mm) load center
Model H330HD$_2$:
33,000 lbs. at 24" (14969 kg at 600 mm) load center
Model H360HD$_2$:
36,000 lbs. at 24" (16,329 kg at 600 mm) load center

Model H210-48HD:
21,000 lbs. at 48" (9525 kg at 1220 mm) load center
Model H230-48HD:
23,000 lbs. at 48" (10,433 kg at 1220 mm) load center
Model H250-48HD:
25,000 lbs. at 48" (11340 kg at 1220 mm) load center

Rated capacities are for trucks equipped with:
- 2-stage mast to 212.0" (5,400 mm) (H300-360HD$_2$; H210-48HD - H250-48HD) maximum fork height
- 98.5" (2,502 mm) (H300-360HD$_2$; H210-48HD - H250-48HD) carriage
- 72.0" (1825 mm) (H300-360HD$_2$) long forks as required
- 72.0" (1825 mm) (H210-48HD - H250-48HD) long forks as required

NOTE: Higher capacity rated versions up to 40,000 lbs. at shorter load centers are available upon request on a custom basis. Please contact Hyster Company for details & SPED Quote.

Conversion Factor: 1.0" = 25.4 mm 1 lb = 0.45 kg

H300-360HD$_2$, H210-48HD - H250-48HD MAST DIMENSIONS

4.4 Lift Height (Top of Fork)		4.2 Mast Lowered Height		4.3 Freelift (Top of Fork)		4.5 Overall Extended Height	
in	mm	in	mm	in	mm	in	mm
2-STAGE NO FREE-LIFT (NFL) MAST							
147	3750	144	3641	0	0	216	5470
183	4650	162	4091	0	0	251	6370
212	5400	176	4466	0	0	281	7120
244	6205	192	4853	0	0	312	7920
264	6705	202	5116	0	0	332	8420
3-STAGE MAST							
173	4400	121	3070	54	1390	240	6080
196	5000	129	3270	62	1590	263	6680
236	6000	142	3600	75	1920	303	7680
275	7000	156	3940	88	2250	342	8680

STANDARD FEATURES AND OPTIONS

MASTS
Mast with nested channels provides visibility of the attachment and load. Greaseable load rollers resist load forces.

CARRIAGES
Several carriage options are available including: pin-type; integral pin-type fork positioner with simultaneous or individual fork control; pin-type integral sideshift; integral pin-type dual function sideshift fork positioner; apron-style sideshift fork positioner with simultaneous or individual fork control. Overall width is 98.5" (2502 mm). Minimum inside-to-inside fork spacing - model and attachment dependent is 3" (75 mm). Maximum outside-to-outside fork spacing - model and attachment dependent is 59.3" (2,420 mm).

FORKS
PIN TYPE - STANDARD PROFILE FORKS
72" long x 3.5" x 8.0" (1825mm x 90mm x 200mm) pallet forks for H300-360HD$_2$
96" long x 3.5" x 8" (2440mm x 90mm x 200mm) pallet forks for H210-48HD – H250-48HD

STANDARD ENGINE - TIER 4 FINAL
Cummins QSB 6.7L 6-cylinder diesel engine delivers rated 164hp (peak 168hp) and 540 lb-ft of maximum torque. EPA Tier 4 Final compliant engine features cooled exhaust gas recirculation (EGR) technology with selective catalytic reduction (SCR); water-cooled variable geometry turbocharger with integrated diesel exhaust fluid (DEF) delivery system. Innovative selectable performance modes offer enhanced fuel economy and maximum productivity. Hibernate idle saves fuel by lowering engine rpm when functions are not being used. Also includes:
- 120 amp alternator
- Viscous on-demand cooling fan (saves fuel, reduces noise)
- Overhead exhaust with diesel oxidation catalyst (DOC)
- Requires ultra-low sulfur diesel fuel and low-ash oil

OPTIONAL ENGINE - TIER 3* (LIMITED AVAILABILITY FOR CANADA AND LAM ONLY)
Cummins QSB 6.7L 6-cylinder diesel engine delivers rated 155 hp (peak 164hp) and 443 lb-ft of maximum torque. EPA Tier 3 compliant. Also includes:
- Wastegate turbocharger
- 120 amp alternator

TRANSMISSION
- Capable of 35% more torque than previous generation
- Proven ZF WG161 three-speed, fully reversing powershift transmission produces smooth shifting, precise inching and fast acceleration
- 3 forward and 3 reverse gears
- Smooth fully or semi-automatic gear shift control
- Powershift functionality with proportional valves
- Inching electronically controlled
- Cushioned clutch lock-up provides smooth shifting and dampens driveline shock loads
- Simple push button calibration
- Transmission lock-out preventing high-speed directional changes
- Transmission and engine powertrain protection for excessive engine coolant temperatures, low engine oil pressure, and excessive engine air inlet temperatures

ELECTRICAL SYSTEM
- Sealed Deutsch connectors
- CANbus system for easy diagnostics of engine, transmission and hydraulics

HYDRAULIC SYSTEM
On-demand load-sensing hydraulic system featuring:
- Variable displacement pump technology
- Saves fuel
- Produces less heat
- Runs quieter
- Extends life of hydraulic oil and components
- Leak-free ORFS fittings

STEERING SYSTEM
- The steer axle is a casting with a transverse mounted double acting cylinder, 2 non-adjustable tie rods, 2 spindles, taper roller bearings and 2 wheel hubs. The axle is pin mounted to the frame
- Designed for high loads and long life, the one piece axle frame carries the axle loads and provides mounting for the spindles and cylinder
- Axle spindles are supported by tapered roller bearings and sealed to prevent contamination entry or loss of grease
- No steering linkage adjustments are required. Lubricating fittings on the spindle and tie rod pins are the only regular maintenance points
- Load sensed steering provides low steering effort and good performance at all engine speeds

DRIVE AXLE
Rugged AxleTech PRC 785 drive axle features full floating design. Wheel hubs rotate on large tapered roller bearings. Non-adjustable tie rod ends provide maximum axle life.

BRAKES
- Oil-cooled wet disc brakes extends brake system life

OPERATOR AREA
- Ergonomically designed hydraulic controls and high/low range control lever are within easy reach
- Three steps and hand grips provide easy ingress and egress from operator compartment
- Angled floor plate and pedals positioned for operator comfort
- Telescopic, tilt steer column
- Supportive mechanical full-suspension seat adjusts 8" (200 mm) for operator comfort
- Several air suspension seat options are available
- Steel overhead guard frame is designed to provide high-stacking visibility
- Operator presence system (OPS) with complete hydraulic lock out requires the operator to be in the normal operating position before any travel or movement of the mast, tilt, carriage, and attachment can be initiated and that the travel or movement of the mast, tilt, carriage, and attachment is locked out when the operator leaves the seat for more than 2-3 seconds.
- Optional light groups aid visibility in low-lighted areas. Light kits featuring innovative LED, HID and halogen technology are available to choose from.
- Optional ComforCab™ II features: tinted, curved tempered glass; circulation fan; heater & defroster; electric wiper and windshield washer front, rear, top; intermittent front wiper; door retainer; 3 speed fan; 12 volt auxiliary power source; dome light, with many additional options to enhance comfort and productivity.

Special attachments, equipment or accessories not listed above may be available through Applications Engineering for specific application requirements.

** Tier 3 engines are available in Latin American markets with no restrictions.*

STANDARD FEATURES AND OPTIONS

STANDARD EQUIPMENT

Complete truck equipped with:

- 2-stage limited free lift mast 147” (3750 mm) maximum lift height, 144” (3641 mm) overall lowered lift height
- 98.5” (2502 mm) wide pin type carriage
- 72” long x 3.5” wide x 8” thick (1825mm x 90mm x 200mm) pin type - standard tapered forks on H300-360HD_2 trucks
- 96” Long x 3.5” wide x 8” thick (2440mm x 90mm x 200mm) pin type - standard tapered forks on H210-48 - H250-48HD trucks
- Cummins QSB 6.7L Tier 4 Final engine - H300-360HD_2; H210-250/48HD models
- Cummins QSB 4.5L Tier 4 Final engine - H300-330HDS (SPED) models
- Sy-Klone spinner type heavy duty air intake pre-cleaner
- Premium ZF WG161 3-speed autoshift transmission
- AxleTech planetary drive axle with wet disc brakes
- Powertrain protection system for engine and transmission; high temperature or low oil pressure
- On-demand load-sensing hydraulic system featuring variable displacement pump technology
- High performance dual hydraulic pumps
- CANbus electrical control system for engine, transmission and hydraulics
- Low mount exhaust
- Low mount air intake
- 12.00x20-16PR bias pneumatic drive and steer tires
- Directional control lever with direction change interlock system
- UL Classification D
- Mast tilt: 15° fwd / 12° back
- Open operator compartment with integral overhead guard. Compartment includes: seat side mini-lever hydraulic control; multifunction display panel; interior wide angle mirrors; telescoping & tilting steering column; floor mat; isolated mounting for low noise and vibration; 24-12V DC converter
- Mechanical, full-suspension vinyl seat with integrated, adjustable armrest and seat belt
- Operator restraint system
- Operator presence system
- Electric air horn (112 dBA)
- 24V electrical system
- Galvanized running boards and steps
- Tilting operator compartment for service access – manual operation
- Light Kit 1: 2 LED stop / tail / back-up lights
- Non-locking fuel cap
- Operator’s manual

OPTIONAL EQUIPMENT INCLUDES:

- Cummins QSB 6.7L Tier 3 engine*
- Masts - various lift heights ranging from 147” (3750mm) through 264” (6705mm) for 2-stage non free lift (NFL) masts and 173” (4400mm) through 275” (7000mm) for 3-stage full free lift (FFL) masts
- Sideshifting carriages and fork positioners
- Various fork options and lengths
- Various mast tilt ranges
- Multifunction joystick
- MONOTROL® pedal direction control with direction change interlock system
- Column-mounted direction control lever
- Radial and pneumatic-shaped solid tires
- Enclosed cab, with or without air conditioning
- Various inside-cabin options
- Various seat options
- 2 and 3-point high visibility seat belts
- Powered tilting operator compartment for service access
- Visible alarm / amber strobe light
- Audible backup alarm
- Various halogen, light emitting diode (LED) and high intensity discharge (HID) xenon light kits
- Lockable fuel cap
- High mount exhaust
- High mount air intake
- Lockable battery disconnect switch
- Hydraulic accumulator
- Various traction speed limiters
- Empty seat engine shutdown - adjustable from 3-15 minutes (preset to 15 minutes)
- Lifting eyes
- Steer wheel lug protection
- Engine block heater
- Front and rear mud flaps
- H-pattern wiper on front windshield

** For Canada and Latin America markets only*

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Part No. H300-360HD2/TG
12/2015 Litho in U.S.A.

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