

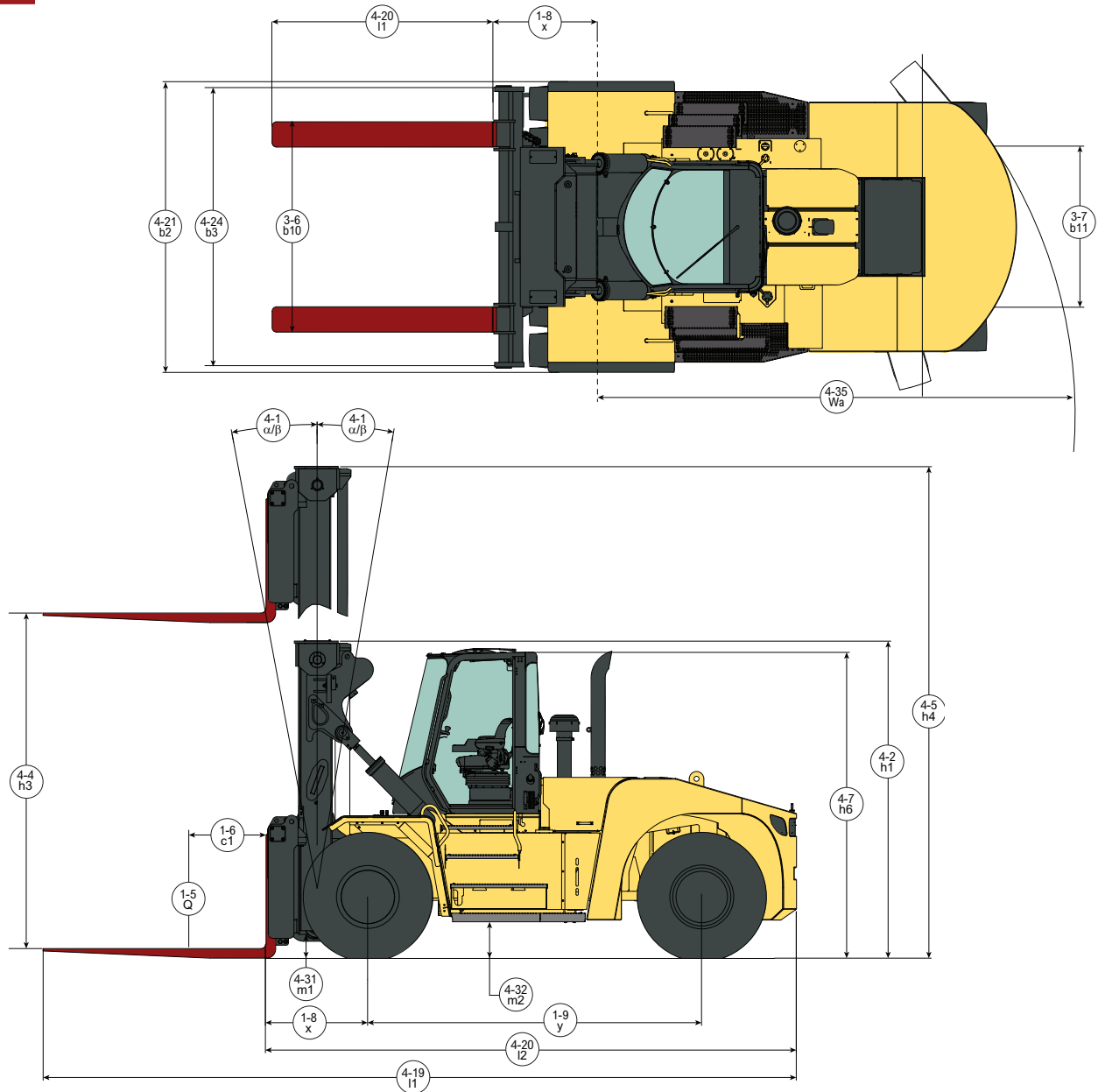
H550-700XD SERIES



**HEAVY DUTY FORKLIFT TRUCK
PNEUMATIC TIRE**
PRODUCT TECHNICAL GUIDE



H550-700XD DIMENSIONS



Circled dimensions correspond to the line numbers on the tabulated chart inside the technical guide. Dimensions are in inches (millimeters).

2-STAGE MAST DIMENSIONS											
H550XD		H620-700XD		H550XD		H620-700XD		H550XD		H620-700XD	
4.4 lift height (top of fork)				4.2 mast lowered ht.				4.5 overall extended ht.			
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
124	3,155	112	2,855	138	3,491	137	3,464	198	5,016	191	4,836
148	3,760	124	3,160	150	3,794	143	3,616	222	5,621	203	5,141
172	4,370	148	3,765	162	4,099	155	3,919	246	6,231	227	5,746
196	4,980	172	4,375	174	4,404	167	4,224	270	6,841	251	6,356
244	6,200	244	6,205	198	5,014	203	5,139	318	8,061	323	8,186
364	9,250	268	6,815	258	6,539	215	5,444	438	11,111	347	8,796
-	-	364	9,255	-	-	283	7,174	-	-	463	11,746
-	-	388	9,865	-	-	295	7,479	-	-	487	12,356

H550XD48 | H550XD36 SPECIFICATIONS

			HYSTER				HYSTER						
			H550XD48		H550XD36								
GENERAL	1-1	Manufacturer		0	0	HYSTER				HYSTER			
	1-2	Model designation		0	0	H550XD48				H550XD36			
	1-3	Powertrain / drivetrain		0	0	Diesel				Diesel			
	1-4	Operator type		0	0	Seated				Seated			
	1-5	Rated load capacity	Q	lb	kg	55,000		24,948		55,000		24,948	
	1-6	Load center	c1	in	mm	48		1,220		36		914	
	1-8	Load distance	x	in	mm	44		1,114		44		1,114	
	1-9	Wheelbase	y	in	mm	170		4,315		144		3,655	
	WEIGHT	2-1	Total truck weight without load		lb	kg	81,060		36,768		80,050		36,310
2-2		Axle loading with load, front / rear		lb	kg	123,269	12,791	55,914	5,802	123,831	11,217	56,169	5,088
2-3		Axle loading without load, front / rear		lb	kg	38,519	42,540	17,472	19,296	38,316	41,736	17,380	18,931
WHEELS	3-1	Tire type		Type		Pneumatic				Pneumatic			
	3-2	Tire size, front				14.00-24 28PR				14.00-24 28PR			
	3-3	Tire size, rear				14.00-24 28PR				14.00-24 28PR			
	3-5	Number of tires, front / rear (X driven)		#		x4/2				x4/2			
	3-6	Tread width, front	b10	in	mm	90		2,279		90		2,279	
3-7	Tread width, rear	b11	in	mm	94		2,381		94		2,381		
DIMENSIONS	4-1	Mast tilt, forward / back	α/β	Degree		6°F / 10°B				6°F / 10°B			
	4-2	Height of mast lowered	h1	in	mm	138		3,491		138		3,491	
	4-3	Freelift	h2	in	mm	0		0		0		0	
	4-4	Lift height (top of fork)	h3	in	mm	124		3,155		124		3,155	
	4-4-1	Lift height (bottom of fork)		in	mm	120		3,050		120		3,050	
	4-5	Height, extended	h4	in	mm	198		5,016		198		5,016	
	4-7	Height to top of operator compartment (open cab)	h6	in	mm	133		3,399		133		3,399	
	4-7-1	Height, top of operator comp (closed cab)	h6	in	mm	134		3,426		134		3,426	
	4-7-2	Height, top of operator comp (closed cab w/ airco)	h6	in	mm	134		3,426		134		3,426	
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	h6	in	mm	138		3,523		138		3,523	
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	h6	in	mm	140		3,575		140		3,575	
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)		in	mm	139		3,553		139		3,553	
	4-8	Seat height to seat point index (SIP)	h7	in	mm	86		2,193		86		2,193	
	4-12	Tow coupler height	h10	in	mm	36		935		36		935	
	4-19	Overall length	l1	in	mm	350		8,906		324		8,246	
	4-20	Length to load face	l2	in	mm	254		6,466		228		5,806	
	4-21	Overall width of truck	b2	in	mm	126		3,220		126		3,220	
	4-22	Fork dimension	s/e/l	in	mm	4.1 / 11.0 / 96		105 / 280 / 2,440		4.1 / 11.0 / 96		105 / 280 / 2,440	
	4-22a	Fork thickness	e	in	mm	4.1		105		4.1		105	
	4-22b	Fork width	l	in	mm	11		280		11		280	
	4-22c	Fork length		in	mm	96		2,440		96		2,440	
	4-23	Fork carriage type				Standard pin type carriage				Standard pin type carriage			
	4-24	Carriage width	b3	in	mm	123		3,130		123		3,130	
	4-25-1	Fork spread, min (in-in)	b5	in	mm	4		100		4		100	
	4-25-2	Fork spread, max (out-out)	b5	in	mm	118		3,000		118		3,000	
	4-31	Ground clearance, under mast with load	m1	in	mm	9		219		9		219	
	4-32	Ground clearance, center of wheelbase	m2	in	mm	16		406		16		406	
4-34	Minimum aisle width (add load length & clearance)	Ast	in	mm	287		7,299		254		6,440		
4-35	Outside turning radius	Wa	in	mm	244		6,185		210		5,326		
TIER 4 FINAL: QSB 6.7L													
PERFORMANCE	5-1	Travel speed, with / without load		mph	km/h	16	16	25	25	16	16	25	25
	5-2	Lifting speed, with / without load		ft/min	m/s	65	69	0.33	0.35	65	69	0.33	0.35
	5-3	Lowering speed, with / without load		ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	43,900	44,800	195	199	43,900	44,900	195	200
	5-6	Drawbar pull - stall, with / without load		lb	kN	53,300	54,200	237	241	53,300	54,200	237	241
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%	0	33		34		34		34	
	5-8	Gradeability stall, with load / without load		%	0	42		34		42		34	
	TIER 3 QSB 6.7L												
	5-1	Travel speed, with / without load		mph	km/h	16	16	25	25	16	16	25	25
	5-2	Lifting speed, with / without load		ft/min	m/s	65	69	0.33	0.35	65	69	0.33	0.35
	5-3	Lowering speed, with / without load		ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	44,000	44,900	196	200	44,000	45,000	196	200
5-6	Drawbar pull - stall, with / without load		lb	kN	53,400	54,400	238	242	53,505	54,404	238	242	
5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%		33		34		34		34		
5-8	Gradeability stall, with load / without load		%		42		34		42		34		

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.

H620XD48 | H650XD48 DIMENSIONS

GENERAL	1-1		0		HYSTER				HYSTER				
	Manufacturer		0	0	H620XD48				H650XD48				
	1-2	Model designation	0	0	Diesel				Diesel				
	1-3	Powertrain / drivetrain	0	0	Seated				Seated				
	1-4	Operator type	0	0									
	1-5	Rated load capacity	Q	lb	kg	62,000	28,123	65,000	29,484				
	1-6	Load center	c1	in	mm	48	1,220	48	1,220				
	1-8	Load distance	x	in	mm	45	1,145	45	1,150				
	1-9	Wheelbase	y	in	mm	170	4,315	170	4,315				
WEIGHT	2-1	Total truck weight without load		lb	kg	96,615	43,824	98,117	44,505				
	2-2	Axle loading with load, front / rear		lb	kg	142,535	16,081	64,653	7,294	147,591	15,525	66,946	7,042
	2-3	Axle loading without load, front / rear		lb	kg	46,553	50,060	21,116	22,707	46,890	51,227	21,269	23,236
WHEELS	3-1	Tire type		Type		Pneumatic				Pneumatic			
	3-2	Tire size, front				16.00-25 32PR				16.00-25 32PR			
	3-3	Tire size, rear				16.00-25 32PR				16.00-25 32PR			
	3-5	Number of tires, front / rear (X driven)		#		x4/2				x4/2			
	3-6	Tread width, front	b10	in	mm	95	2,424	95	2,424				
	3-7	Tread width, rear	b11	in	mm	92	2,338	92	2,338				
DIMENSIONS	4-1	Mast tilt, forward / back	α/β	Degree		6°F / 10°B				6°F / 10°B			
	4-2	Height of mast lowered	h1	in	mm	143	3,616	143	3,616				
	4-3	Freelift	h2	in	mm	0	0	0	0				
	4-4	Lift height (top of fork)	h3	in	mm	124	3,160	124	3,160				
	4-4-1	Lift height (bottom of fork)		in	mm	120	3,050	120	3,050				
	4-5	Height, extended	h4	in	mm	203	5,141	203	5,141				
	4-7	Height to top of operator compartment (open cab)	h6	in	mm	137	3,495	137	3,495				
	4-7-1	Height, top of operator comp (closed cab)	h6	in	mm	138	3,522	138	3,522				
	4-7-2	Height, top of operator comp (closed cab w/ airco)	h6	in	mm	138	3,522	138	3,522				
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	h6	in	mm	142	3,619	142	3,619				
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	h6	in	mm	144	3,671	144	3,671				
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)		in	mm	143	3,649	143	3,649				
	4-8	Seat height to seat point index (SIP)	h7	in	mm	90	2,292	90	2,292				
	4-12	Tow coupler height	h10	in	mm	40	1,031	40	1,031				
	4-19	Overall length	l1	in	mm	351	8,937	352	8,942				
	4-20	Length to load face	l2	in	mm	255	6,497	255	6,502				
	4-21	Overall width of truck	b2	in	mm	135	3,430	135	3,430				
	4-22	Fork dimension	s/e/l	in	mm	4.3 / 11.8 / 96	110 / 300 / 2,440	4.3 / 11.8 / 96	110 / 300 / 2,440				
	4-22a	Fork thickness	e	in	mm	4.3	110	4.3	110				
	4-22b	Fork width	l	in	mm	11.8	300	11.8	300				
	4-22c	Fork length		in	mm	96	2,440	96	2,440				
	4-23	Fork carriage type				Standard pin type carriage				Standard pin type carriage			
	4-24	Carriage width	b3	in	mm	130	3,310	130	3,310				
	4-25-1	Fork spread, min (in-in)	b5	in	mm	4	100	4	100				
	4-25-2	Fork spread, max (out-out)	b5	in	mm	125	3,180	125	3,180				
	4-31	Ground clearance, under mast with load	m1	in	mm	9	227	9	227				
	4-32	Ground clearance, center of wheelbase	m2	in	mm	20	502	20	502				
4-34	Minimum aisle width (add load length & clearance)	Ast	in	mm	289	7,330	289	7,335					
4-35	Outside turning radius	Wa	in	mm	244	6,185	244	6,185					
TIER 4 FINAL:QSB 6.7L													
PERFORMANCE	5-1	Travel speed, with / without load		mph	km/h	16	16	25	25	16	16	25	25
	5-2	Lifting speed, with / without load		ft/min	m/s	53	57	0.27	0.29	53	57	0.27	0.29
	5-3	Lowering speed, with / without load		ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	44,200	45,300	197	201	44,100	45,200	196	201
	5-6	Drawbar pull - stall, with / without load		lb	kN	53,700	54,800	239	244	53,600	54,800	238	244
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%	0	28		35		27		34	
	5-8	Gradeability stall, with load / without load		%	0	35		35		34		34	
	TIER 3 QSB 6.7L												
	5-1	Travel speed, with / without load		mph	km/h	16	16	25	25	16	16	25	25
	5-2	Lifting speed, with / without load		ft/min	m/s	53	57	0.27	0.29	53	57	0.27	0.29
	5-3	Lowering speed, with / without load		ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	44,300	45,400	197	202	44,200	45,300	197	202
	5-6	Drawbar pull - stall, with / without load		lb	kN	53,900	55,000	240	245	53,800	55,000	239	244
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%		29		35		27		34	
	5-8	Gradeability stall, with load / without load		%		35		35		34		34	

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.

H650XD36 | H700XD48 | H700XD36 SPECIFICATIONS

			HYSTER				HYSTER				HYSTER						
			H650XD36		H700XD48		H700XD36										
GENERAL	1-1	Manufacturer	0	0	HYSTER				HYSTER				HYSTER				
	1-2	Model designation	0	0	H650XD36				H700XD48				H700XD36				
	1-3	Powertrain / drivetrain	0	0	Diesel				Diesel				Diesel				
	1-4	Operator type	0	0	Seated				Seated				Seated				
	1-5	Rated load capacity	Q	lb	kg	65,000	29,484	70,000	31,752	70,000	31,752	70,000	31,752				
	1-6	Load center	c1	in	mm	36	914	48	1,220	36	914						
	1-8	Load distance	x	in	mm	45	1,150	45	1,150	45	1,150						
	1-9	Wheelbase	y	in	mm	155	3,935	190	4,825	155	3,935						
	WEIGHT	2-1	Total truck weight without load	lb	kg	94,781	42,992	97,334	44,150	96,954	44,251						
2-2		Axle loading with load, front / rear	lb	kg	145,728	14,054	66,101	6,375	151,158	16,175	68,564	7,337	153,618	13,938	69,680	6,322	
2-3		Axle loading without load, front / rear	lb	kg	46,632	48,149	21,152	21,840	46,773	50,559	21,216	22,933	46,901	50,656	21,274	22,977	
WHEELS	3-1	Tire type	Type		Pneumatic				Pneumatic				Pneumatic				
	3-2	Tire size, front			16.00-25 32PR				16.00-25 32PR				16.00-25 32PR				
	3-3	Tire size, rear			16.00-25 32PR				16.00-25 32PR				16.00-25 32PR				
	3-5	Number of tires, front / rear (X driven)	#		x4/2				x4/2				x4/2				
	3-6	Tread width, front	b10	in	mm	95	2,424	95	2,424	95	2,424						
	3-7	Tread width, rear	b11	in	mm	92	2,338	92	2,338	92	2,338						
	DIMENSIONS	4-1	Mast tilt, forward / back	α/β	Degree		6°F / 10°B				6°F / 10°B				6°F / 10°B		
4-2		Height of mast lowered	h1	in	mm	143	3,616	143	3,616	143	3,616						
4-3		Freelift	h2	in	mm	0	0	0	0	0	0						
4-4		Lift height (top of fork)	h3	in	mm	124	3,160	124	3,160	124	3,160						
4-4-1		Lift height (bottom of fork)		in	mm	120	3,050	120	3,050	120	3,050						
4-5		Height, extended	h4	in	mm	203	5,141	203	5,141	203	5,141						
4-7		Height to top of operator compartment (open cab)	h6	in	mm	137	3,495	137	3,495	137	3,495						
4-7-1		Height, top of operator comp (closed cab)	h6	in	mm	138	3,522	138	3,522	138	3,522						
4-7-2		Height, top of operator comp (closed cab w/ airco)	h6	in	mm	138	3,522	138	3,522	138	3,522						
4-7-3		Height, top of operator comp (closed cab w/ strobe light)	h6	in	mm	142	3,619	142	3,619	142	3,619						
4-7-4		Height, top of operator comp (closed cab w/ work lights)	h6	in	mm	144	3,671	144	3,671	144	3,671						
4-7-5		Height, top of operator comp (closed cab w/ airco & strobe)		in	mm	143	3,649	143	3,649	143	3,649						
4-8		Seat height to seat point index (SIP)	h7	in	mm	90	2,292	90	2,292	90	2,292						
4-12		Tow coupler height	h10	in	mm	40	1,031	40	1,031	40	1,031						
4-19		Overall length	l1	in	mm	337	8,562	372	9,452	337	8,562						
4-20		Length to load face	l2	in	mm	241	6,122	276	7,012	241	6,122						
4-21		Overall width of truck	b2	in	mm	135	3,430	135	3,430	135	3,430						
4-22		Fork dimension	s/e/l	in	mm	4.3 / 11.8 / 96	110 / 300 / 2,440	4.3 / 11.8 / 96	110 / 300 / 2,440	4.3 / 11.8 / 96	110 / 300 / 2,440						
4-22a		Fork thickness	e	in	mm	4.3	110	4.3	110	4.3	110						
4-22b		Fork width	l	in	mm	11.8	300	11.8	300	11.8	300						
4-22c		Fork length		in	mm	96	2,440	96	2,440	96	2,440						
4-23		Fork carriage type			Standard pin type carriage				Standard pin type carriage				Standard pin type carriage				
4-24		Carriage width	b3	in	mm	130	3,310	130	3,310	130	3,310						
4-25-1		Fork spread, min (in-in)	b5	in	mm	4	100	4	100	4	100						
4-25-2		Fork spread, max (out-out)	b5	in	mm	125	3,180	125	3,180	125	3,180						
4-31		Ground clearance, under mast with load	m1	in	mm	9	227	9	227	9	227						
4-32		Ground clearance, center of wheelbase	m2	in	mm	20	502	20	502	20	502						
4-34		Minimum aisle width (add load length & clearance)	Ast	in	mm	269	6,841	315	7,998	269	6,841						
4-35		Outside turning radius	Wa	in	mm	224	5,691	270	6,848	224	5,691						
TIER 4 FINAL:QSB 6.7L																	
PERFORMANCE		5-1	Travel speed, with / without load	mph	km/h	16	16	25	25	16	16	25	25	16	16	25	25
		5-2	Lifting speed, with / without load	ft/min	m/s	53	57	0.27	0.29	53	57	0.27	0.29	53	57	0.27	0.29
		5-3	Lowering speed, with / without load	ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50	98	98	0.50	0.50
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load	lb	kN	44,200	45,300	196	202	44,000	45,300	196	201	44,000	45,300	196	201	
	5-6	Drawbar pull - stall, with / without load	lb	kN	53,700	54,800	239	244	53,500	54,800	238	244	53,500	54,800	238	244	
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load	%	0	28	35	27	35	27	35	27	34					
	5-8	Gradeability stall, with load / without load	%	0	35	35	33	35	33	35	33	34					
	TIER 3 QSB 6.7L																
	5-1	Travel speed, with / without load	mph	km/h	16	16	25	25	16	16	25	25	16	16	25	25	
	5-2	Lifting speed, with / without load	ft/min	m/s	53	57	0.27	0.29	53	57	0.27	0.29	53	57	0.27	0.29	
	5-3	Lowering speed, with / without load	ft/min	m/s	98	98	0.50	0.50	98	98	0.50	0.50	98	98	0.50	0.50	
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load	lb	kN	44,300	45,400	197	202	44,100	45,400	196	202	44,100	45,400	196	202	
5-6	Drawbar pull - stall, with / without load	lb	kN	53,900	55,000	240	245	53,700	55,000	239	245	53,700	55,000	239	245		
5-7	Gradeability - 1 mph (1.6 km/h), with / without load	%	0	28	35	27	35	27	35	27	34						
5-8	Gradeability stall, with load / without load	%	0	35	35	33	35	33	35	33	34						

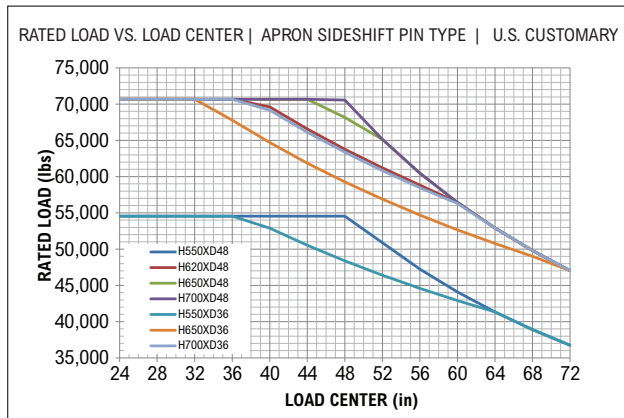
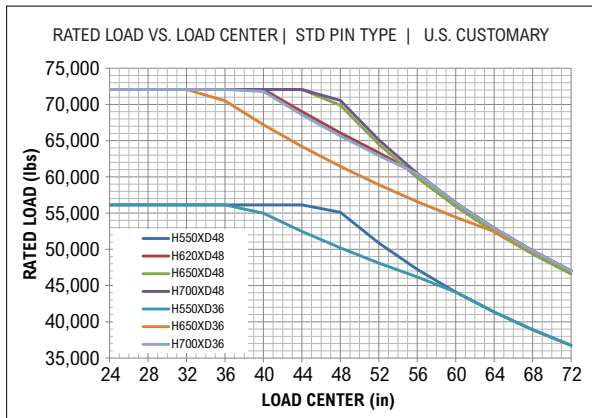
CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance 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.

POWERTRAINS AND RATED CAPACITIES

POWERTRAINS

GENERAL	1-1	Manufacturer			HYSTER		HYSTER		HYSTER		HYSTER	
	1-2a	Model designation			H550XD48 & H550XD36		H550XD48 & H550XD36		H620-H700XD48 & H650-H700XD36		H620-H700XD48 & H650-H700XD36	
ENGINE	1-3	Powertrain / drivetrain			Diesel		Diesel		Diesel		Diesel	
	7-1	Engine Manufacturer / model			Cummins / QSB 6.7L		Cummins / QSB 6.7L		Cummins / QSB 6.7L		Cummins / QSB 6.7L	
	7-1a	EPA Tier Compliance			Tier 4F / Stage IV		Tier 3 / Stage III		Tier 4F / Stage IV		Tier 3 / Stage III	
	7-2	Engine power output - rated	hp	kW	260 @ 2200	194 @ 2200	260 @ 2200	194 @ 2200	260 @ 2200	194 @ 2200	260 @ 2200	194 @ 2200
	7-2-1	Engine power output - peak	hp	kW	270 @ 2000	201 @ 2000	270 @ 2000	201 @ 2000	270 @ 2000	201 @ 2000	270 @ 2000	201 @ 2000
	7-3	Rated speed	rpm	rpm	2,200		2,200		2,200		2,200	
	7-3-1	Engine torque @ rpm (1/min)	lb-ft	N-m	730 @ 1500	990 @ 1500	730 @ 1500	990 @ 1500	730 @ 1500	990 @ 1500	730 @ 1500	990 @ 1500
	7-4	Number of cylinders / displacement	# / in3	# / cm3	6 / 408	6 / 6,690	6 / 408	6 / 6,690	6 / 408	6 / 6,690	6 / 408	6 / 6,690
	x	Turbocharger		Type	Variable geometry, water-cooled		Wastegate, water-cooled		Variable geometry, water-cooled		Wastegate, water-cooled	
	7-8	Alternator output	Amps		120		120		120		120	
7-9	Electrical system voltage	V		24		24		24		24		
7-10	Battery voltage / nominal capacity	V / Ah		24 / 102		24 / 102		24 / 102		24 / 102		
DRIVE	8-0	Drive control / transmission			Powershift Transmission		Powershift Transmission		Powershift Transmission		Powershift Transmission	
	8-1	Type of drive unit			Torque Converter		Torque Converter		Torque Converter		Torque Converter	
	8-2	Transmission manufacturer / type			ZF 5WG211		ZF 5WG211		ZF 5WG211		ZF 5WG211	
	8-2-1	Transmission speeds forward / reverse		#	5 / 3		5 / 3		5 / 3		5 / 3	
	8-3	Wheel drive / drive axle manufacturer / type		Type	AxleTech PRLC1794W4H		AxleTech PRLC1794W4H		AxleTech PRC3806W4H		AxleTech PRC3806W4H	
	8-4	Service brake		Type	Oil immersed (wet) disc		Oil immersed (wet) disc		Oil immersed (wet) disc		Oil immersed (wet) disc	
8-5	Parking brake		Type	Dry disc on drive axle		Dry disc on drive axle		Dry disc on drive axle		Dry disc on drive axle		
MISC	10-1	Operating pressure for attachments	psi	MPa	3,263	22.5	3,263	22.5	3,263	22.5	3,263	22.5
	10-2	Oil flow for attachments	gpm	l/m	26	100	26	100	26	100	26	100
	10-3	Hydraulic oil tank, capacity	gal	l	72	274	72	274	72	274	72	274
	10-3a	Hydraulic oil tank, capacity (H550XD36 only)	gal	l	63	237	63	237	-	-	-	-
	10-4	Fuel tank, capacity	gal	l	98	370	98	370	98	370	98	370
	10-4a	Fuel tank, capacity (H550XD36 only)	gal	l	82	309	82	309	-	-	-	-
	10-4-1	DEF tank, capacity	gal	l	10	38	N/A	N/A	10	38	N/A	N/A
	10-5	Steering design		Type	Hydraulic Power Steering		Hydraulic Power Steering		Hydraulic Power Steering		Hydraulic Power Steering	
	10-6	Number of steering rotation		#	6.0		6.0		6.0		6.0	
	10-7	Sound pressure level at the driver's seat LpAZ		dB (A)	73		79		73		79	
10-7-1	Sound power level during the workcycle LwAZ		dB	102		107		102		107		
10-8	Towing coupling, type DIN		Type	Yes / Pin		Yes / Pin		Yes / Pin		Yes / Pin		

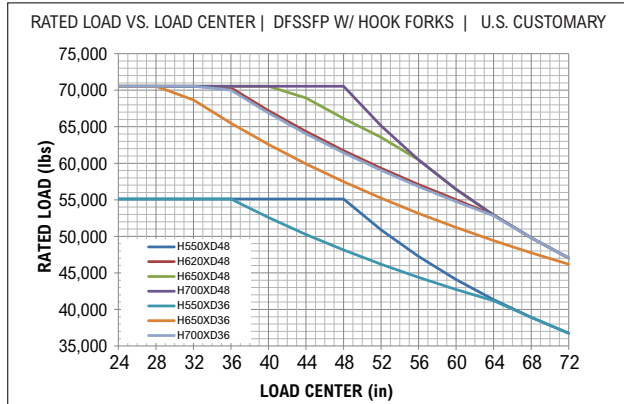
RATED CAPACITIES



Model H550XD36: 55,100 lb at 36" (25,000 kg at 914 mm) load center
 Model H650XD36: 66,101 lb at 36" (29,983 kg at 914 mm) load center
 Model H700XD36: 70,548 lb at 36" (32,000 kg at 914 mm) load center
 Model H550XD48: 55,100 lb at 48" (25,000 kg at 1,219 mm) load center
 Model H620XD48: 62,000 lb at 48" (28,123 kg at 1,219 mm) load center
 Model H650XD48: 66,101 lb at 48" (29,983 kg at 1,219 mm) load center
 Model H700XD48: 70,548 lb at 48" (32,000 kg at 1,219 mm) load center
 Conversion factor: 1.0" = 25.4 mm
 1 lb = 0.45 kg

Rated capacities are for trucks equipped with:
 • 2-stage (lower mast) to 124" (3,155 mm) maximum fork height
 • 123" (3,130 mm) carriage width (H550XD)
 • 130" (3,310 mm) carriage width (H620-700XD)
 • 96" (2,440 mm) long forks

Contact your dealer for other capacity information.



FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
Cummins QSB 6.7L diesel engine rated 260 hp tier 4F / 194 kW stage IV*	x	
Cummins QSB 6.7L diesel engine rated 260 hp tier 3 / 194 kW stage IIIA*	x	
Tier 4 / stage IV compliant	x	
Tier 3 / stage IIIA compliant	x	
Wastegate turbocharger, water cooled*	x	
Variable geometry turbocharger, water cooled*	x	
Hibernate idle	x	
Hydraulically driven on-demand cooling fan*	x	
120 amp alternator	x	
Performance modes selectable in Integrated Performance Display*	x	
Heavy duty air intake	x	
Powertrain protection system	x	
High mount exhaust	x	
ZF transmission 5WG211 5-speeds fwd / 3-speeds reverse auto-shifting	x	
AxleTech PRLC1794 drive axle with wet disc brakes (H550XD)	x	
AxleTech PRC3806 drive axle with wet disc brakes (H620-700XD)	x	
DRIVE	STD	OPT
Travel speed limiter - unconditional and customer adjustable		x
Travel speed limiter- loaded (adjustable)**	x	
14.00-24 28PR pneumatic bias ply drive and steer tires (H550XD)	x	
14.00-R24 Michelin XZM radial drive and steer tires (H550XD)		x
14.00-24 R24 Trelleborg radial drive and steer tires (H550XD)		x
16.00-15 32PR Continental Container Master bias ply drive and steer tires (H620-700XD)	x	
16.00-R25 Michelin XZM radial drive and steer tires (H620-700XD)		x
LIFT	STD	OPT
On-demand load sensing hydraulic system	x	
Automatic throttle-up when lifting (in neutral or inching)	x	
2-stage non free lift mast	x	
Mast tilt - 6° forward / 6° back		x
Mast tilt - 6° forward / 10° back	x	
Mast tilt - 15° forward / 10° back		x
Hydraulic accumulator		x
Pressure compensated lowering	x	
Hydraulic system temperature protection with performance de-rate		x
HANDLING	STD	OPT
123" (3,130 mm) pin type carriage with mechanical fork locks***	x	
123" (3,130 mm) pin type carriage with individual fork positioner***		x
123" (3,130 mm) pin type apron style carriage***		x
123" (3,130 mm) pin type apron style carriage with individual fork positioner***		x
118" (3000 mm) quick disconnect hook type dual function sideshift carriage with simultaneous and individual fork positioner - 16.2" (410 mm) or 0" (0 mm) in-to-in****		x
118" (3000 mm) quick disconnect hook type dual function sideshift carriage with individual fork positioner and 1 spare auxiliary function - 16.2" (410 mm) or 0" (0 mm) in-to-in****		x
130" (3,310 mm) pin type carriage with mechanical fork locks****	x	

HANDLING (continued)	STD	OPT
130" (3,310 mm) pin type carriage with individual fork positioner****		x
130" (3,310 mm) pin type apron style carriage****		x
130" (3,310 mm) pin type apron style carriage with individual fork positioner****		x
125" (3180 mm) quick disconnect hook type dual function sideshift carriage with simultaneous and individual fork positioner - 16.6" (420 mm) or 0" (0 mm) in-to-in****		x
125" (3180 mm) quick disconnect hook type dual function sideshift carriage with individual fork position and 1 spare auxiliary function - 16.6" (420 mm) or 0" (0 mm) in-to-in****		x
96" long x 4.1" thick x 11" wide (2,440 mm x 105 mm x 280 mm) pin type forks***	x	
96" long x 4.1" thick x 11" wide (2,440 mm x 105 mm x 280 mm) hook type forks***		x
96" long x 4.3" thick x 11.8" wide (2,440 mm x 110 mm x 300 mm) pin type forks****	x	
96" long x 4.1" thick x 11.8" wide (2,440 mm x 105 mm x 300 mm) pin type forks****		x
96" long x 4.3" thick x 11.8" wide (2,440 mm x 110 mm x 300 mm) hook type forks****		x
96" long x 4.1" thick x 11.8" wide (2,440 mm x 105 mm x 300 mm) hook type forks****		x
59" (1,500 mm) pin type coil ram		x
59" (1,500 mm) hook type coil ram		x
70" (1,800 mm) pin type coil ram		x
70" (1,800 mm) hook type coil ram		x
ERGONOMICS	STD	OPT
Open operator compartment (without doors & screens)	x	
Enclosed operator cabin		x
Powered tilt operator compartment for service		x
Manual tilt operator compartment for service	x	
Isolated cabin mounting for low noise and vibration	x	
Operator presence system	x	
Mechanical suspension seat	x	
Air suspension seat		x
Deluxe air suspension seat		x
Low backrest seat	x	
High backrest seat		x
Armrest on left side	x	
Cloth seat cover		x
Vinyl seat cover	x	
Seat heating		x
Seat ventilation		x
2-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
Front and rear window defrosters		x

* Standard or optional in selected markets
 ** Standard depending upon model selected
 *** H550XD36 and H550XD48
 **** H620-H700XD36/48

FEATURES AND OPTIONS

ERGONOMICS (continued)	STD	OPT
Rain top		x
Wire mesh installed on top of operator compartment		x
7" Integrated Performance Display	x	
TouchPoint™ mini levers hydraulic control integrated in control arm	x	
Joystick hydraulic control integrated in control arm		x
Steering wheel with spinner knob	x	
Directional control lever on steering column	x	
Hyster MONOTROL® pedal directional control		x
Directional control switch (integrated into control arm)		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 DC converter with 1 socket and 2 USB outlets	x	
24-12 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
Sun visors front window		x
Cloth trainer seat with 2-point seatbelt		x
Recirculation fan (enclosed operator cabin)	x	
Accessory mounting bar on cab front right pillar		x
Document holder on cab front right pillar		x
Heated top and / or rear window		x
Radio preparation with 2 speakers and antenna		x
VISIBILITY	STD	OPT
Steel bars on top of cab (open operator compartment)	x	
Top window with armored glass (enclosed operator cabin)	x	
Steel bars under armored glass top window (enclosed operator cabin)		x
Exterior mirrors mounted to handrails		x
Rear view camera system		x
Radar object detection system		x
Halogen work lights		x
High performance LED work lights		x
Two halogen headlights mounted on front fenders		x
Two LED headlights mounted on front fenders		x
Two mast-mounted work lights		x

VISIBILITY (continued)	STD	OPT
Four cabin-mounted work lights		x
Two rear work lights mounted on the cabin		x
LED stop/tail/brake lights	x	
LED turn signals, hazard and marker lights		x
OPERATION	STD	OPT
Air horn 112 dBA		x
Electric horn 105 dBA	x	
Visible alarm – amber strobe light, ignition activated	x	
Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting	x	
Audible alarm – reverse direction white noise		x
Forward motion alarm		x
Seatbelt interlock for engine start and truck operation		x
Air conditioning shut-off with open door		x
Automatic engine shutdown with timer		x
Lockable battery disconnect switch		x
Battery jump start connector (NATO plug)		x
Truck start with key switch and start button	x	
Operator password (display) for truck start	x	
Fuses replaced by electric circuit breakers		x
Non-lockable fuel cap	x	
Lockable fuel cap		x
Fuel strainer in fuel filler neck		x
Hyster Tracker™ wireless asset management - access / verification		x
Hyster Tracker™ wireless asset management - monitoring	x	
Auto greasing system for base truck		x
Centralized greasing system for top end mast		x
24-volt electrical system	x	
Engine block heater 110- or 240-volt		x
Steer wheel lug nut protection	x	
Front and / or rear mud guards		x
Lifting eyes - 2 front and 2 rear		x
Wire mesh belly pan		x
APPEARANCE	STD	OPT
Hyster yellow paint base truck	x	
Special paint base truck		x
SUPPLEMENTAL	STD	OPT
Literature package	x	
Operator's manual	x	
CE certification*		x
12 months / 2,000 hours parts & labor manufacturer's warranty*	x	

* Standard or optional in selected markets ** Standard depending upon model selected *** H550XD36 and H550XD48 **** H620-H700XD36/48



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