



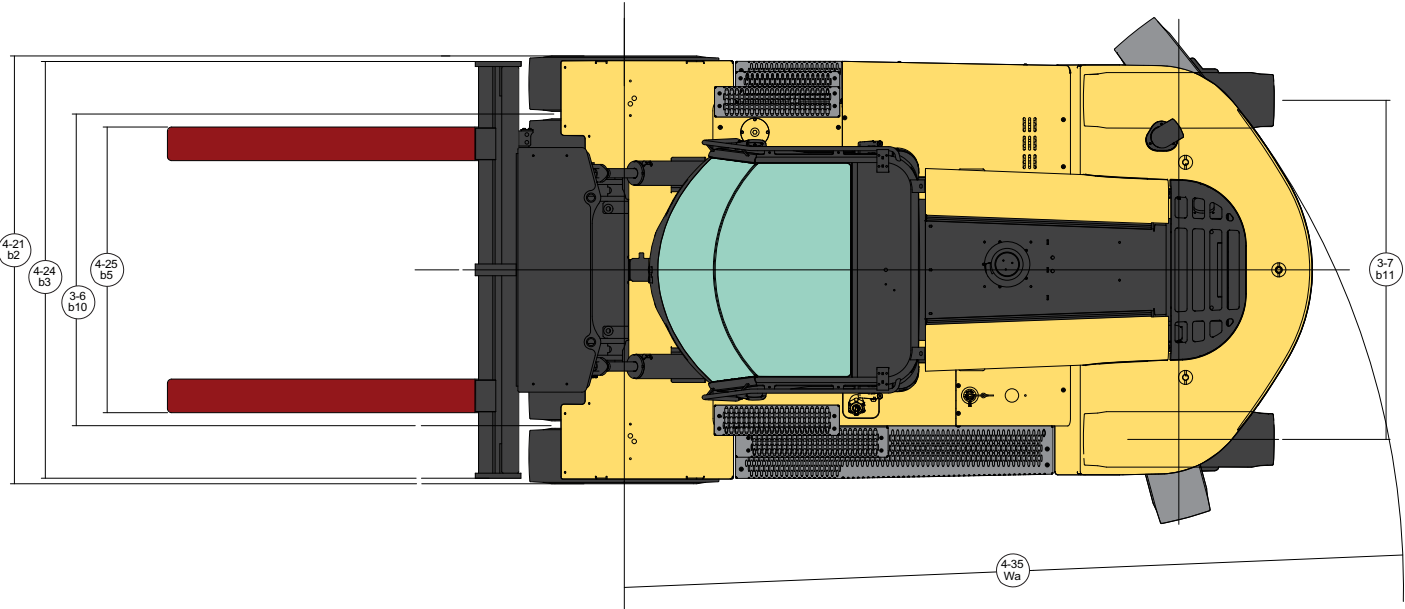
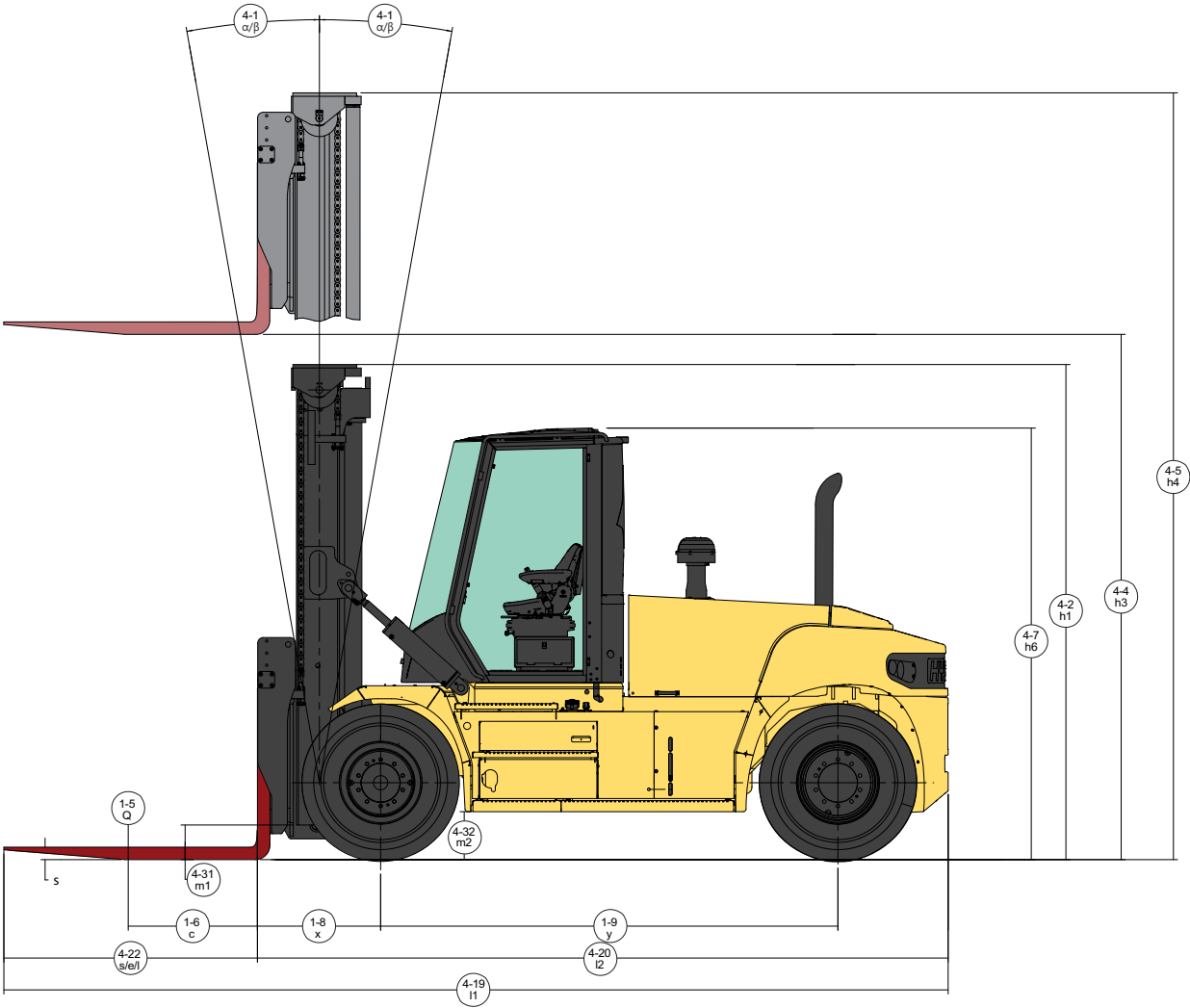
H300-360XD SERIES

HEAVY DUTY FORKLIFT TRUCK PNEUMATIC TIRE PRODUCT TECHNICAL GUIDE



WWW.HYSTER.COM

DIMENSIONS



H300XDS | H330XDS | H300XD SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER				HYSTER				HYSTER									
	1-2	Model designation			H300XDS				H330XDS				H300XD									
	1-3	Powertrain / drivetrain			Diesel				Diesel				Diesel									
	1-4	Operator type			Seated				Seated				Seated									
	1-5	Rated load capacity	Q	lb	kg	30,000		13,608		33,000		14,969		30,000		13,608						
	1-6	Load center	c	in	mm	24		610		24		610		24		610						
	1-8	Load distance	x	in	mm	35.0		889		35.0		889		35.0		889						
	1-9	Wheelbase	y	in	mm	114		2,900		114		2,900		130		3,300						
	WEIGHT	2-1	Total truck weight without load			lb		kg		40,336		18,296		41,652		18,893		38,521		17,473		
2-2		Axle loading with load, front / rear			lb		kg		64,221	6,116	29,130	2,774	68,288	6,365	30,975	2,887	63,275	5,245	28,701	2,379		
2-3		Axle loading without load, front / rear			lb		kg		18,719	21,619	8,491	9,806	18,234	23,418	8,271	10,622	19,652	18,869	8,914	8,559		
WHEELS	3-1	Tire type			Type			Pneumatic			Pneumatic			Pneumatic								
	3-2	Tire size, front						12.00-20 16PR			12.00-20 16PR			12.00-20 16PR								
	3-3	Tire size, rear						12.00-20 16PR			12.00-20 16PR			12.00-20 16PR								
	3-5	Number of tires, front / rear (X driven)			#			x4/2			x4/2			x4/2								
	3-6	Tread width, front	b ₁₀	in	mm	72.5		1,842		72.5		1,842		72.5		1,842						
3-7	Tread width, rear	b ₁₁	in	mm	79.4		2,018		79.4		2,018		79.4		2,018							
DIMENSIONS	4-1	Mast tilt, forward / back			α/β			Degree			15°F / 12°B			15°F / 12°B			15°F / 12°B					
	4-2	Height of mast lowered	h ₁	in	mm	141		3,568		141		3,568		141		3,568						
	4-3	Freelift	h ₂	in	mm	0		0		0		0		0		0						
	4-4	Lift height (top of fork)	h ₃	in	mm	147		3,750		147		3,750		147		3,750						
	4-4-1	Lift height (bottom of fork)	h ₃	in	mm	144		3,660		144		3,660		144		3,660						
	4-5	Height, extended	h ₄	in	mm	213		5,398		213		5,398		213		5,398						
	4-7	Height to top of operator compartment (open cab)	h ₆	in	mm	121.4		3,083		121.4		3,083		121.4		3,083						
	4-7-1	Height, top of operator comp (closed cab)	h ₆	in	mm	122.4		3,110		122.4		3,110		122.4		3,110						
	4-7-2	Height, top of operator comp (closed cab w/ airco)	h ₆	in	mm	122.4		3,110		122.4		3,110		122.4		3,110						
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	h ₆	in	mm	126.2		3,205		126.2		3,205		126.2		3,205						
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	h ₆	in	mm	128.3		3,259		128.3		3,259		128.3		3,259						
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)	h ₆	in	mm	127.4		3,235		127.4		3,235		127.4		3,235						
	4-8	Seat height to seat point index (SIP)	h ₇	in	mm	75		1,903		75		1,903		75		1,903						
	4-12	Tow coupler height	h ₁₀	in	mm	27		689		27		689		27		689						
	4-19	Overall length	l ₁	in	mm	258		6,544		258		6,544		268		6,814						
	4-20	Length to load face	l ₂	in	mm	186		4,714		186		4,714		196		4,984						
	4-21	Overall width of truck	b ₂	in	mm	100		2,541		100		2,541		100		2,541						
	4-22	Fork dimension	s/e/l	in	mm	3.5 / 8 / 72		90 / 200 / 1,830		3.5 / 8 / 72		90 / 200 / 1,830		3.5 / 8 / 72		90 / 200 / 1,830						
	4-23	Fork carriage type				Type			Standard pin type carriage			Standard pin type carriage			Standard pin type carriage							
	4-24	Carriage width	b ₃	in	mm	98.3		2,496		98.3		2,496		98.3		2,496						
	4-25-1	Fork spread, min (in-in)	b ₅	in	mm	2.8		70		2.8		70		2.8		70						
	4-25-2	Fork spread, max (out-out)	b ₅	in	mm	91.3		2,320		91.3		2,320		91.3		2,320						
	4-30	Sideshift	b ₈	in	mm	0		0		0		0		0		0						
	4-31	Ground clearance, under mast w/o load	m ₁	in	mm	9.6		245		9.6		245		9.6		245						
	4-32	Ground clearance, center of wheelbase	m ₂	in	mm	13.4		341		13.4		341		13.4		341						
	4-34	Minimum aisle width (add load length & clearance)	Ast	in	mm	200		5,069		200		5,069		215		5,462						
	4-35	Outside turning radius	Wa	in	mm	165		4,180		165		4,180		180		4,573						
	PERFORMANCE	TIER 4F						CUMMINS QSB 6.7L				CUMMINS QSB 6.7L				CUMMINS QSB 6.7L						
5-1		Travel speed, with / without load					mph		km/h		17.0	18.0	27	29	17.0	18.0	27	29	17.0	18.0	27	29
5-2-2		Lifting speed, with / without load - 111cc pump			ft/min		m/s		-	-	-	-	-	-	-	-	-	-	-	-	-	
5-2-3		Lifting speed, with / without load - 126cc pump			ft/min		m/s		81	91	0.41	0.46	81	91	0.41	0.46	81	91	0.41	0.46		
5-3		Lowering speed, with / without load			ft/min		m/s		106	94	0.54	0.48	106	94	0.54	0.48	106	94	0.54	0.48		
5-5		Drawbar pull - 1 mph (1.6 km/h), with / without load			lb		kN		22,000	23,200	105	107	21,900	23,100	104	107	22,100	23,200	105	107		
5-6		Drawbar pull - stall, with / without load			lb		kN		24,900	26,100	118	120	24,800	26,000	117	120	25,000	26,100	118	120		
5-7		Gradeability - 1 mph (1.6 km/h), with / without load					%				35		31		33		29		36		35	
5-8		Gradeability stall, with load / without load					%				40		31		38		29		41		35	
TIER 3									CUMMINS QSB 6.7L				CUMMINS QSB 6.7L				CUMMINS QSB 6.7L					
5-1		Travel speed, with / without load					mph		km/h		17.0	18.0	27	29	17.0	18.0	27	29	17.0	18.0	27	29
5-2-2		Lifting speed, with / without load - 111cc pump			ft/min		m/s		71	79	0.36	0.40	71	79	0.36	0.40	71	79	0.36	0.40		
5-2-3		Lifting speed, with / without load - 126cc pump			ft/min		m/s		-	-	-	-	-	-	-	-	-	-	-	-	-	
5-3		Lowering speed, with / without load			ft/min		m/s		106	94	0.54	0.48	106	94	0.54	0.48	106	94	0.54	0.48		
5-5		Drawbar pull - 1 mph (1.6 km/h), with / without load			lb		kN		20,800	22,000	99	102	20,700	21,900	99	101	20,900	22,000	99	102		
5-6		Drawbar pull - stall, with / without load			lb		kN		23,500	24,700	111	114	23,400	24,900	111	114	23,600	24,800	111	114		
5-7		Gradeability - 1 mph (1.6 km/h), with / without load					%				33		31		31		29		34		35	
5-8		Gradeability stall, with load / without load					%				38		31		36		29		39		35	

H330XD | H360XD | H210XD48 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER				HYSTER				HYSTER				
	1-2	Model designation			H330XD				H360XD				H210XD48				
	1-3	Powertrain / drivetrain			Diesel				Diesel				Diesel				
	1-4	Operator type			Seated				Seated				Seated				
WEIGHT	1-5	Rated load capacity	Q	lb	kg	33,000		14,969		36,000		16,329		21,000		9,525	
	1-6	Load center	c	in	mm	24		610		24		610		48		1,219	
	1-8	Load distance	x	in	mm	35.0		889		35.0		889		35.0		889	
	1-9	Wheelbase	y	in	mm	130		3,300		130		3,300		130		3,300	
WHEELS	2-1	Total truck weight without load		lb	kg	39,789		18,048		42,166		19,126		38,848		17,621	
	2-2	Axle loading with load, front / rear		lb	kg	67,206	5,584	30,484	2,533	71,954	6,210	32,638	2,817	54,659	5,187	24,793	2,353
	2-3	Axle loading without load, front / rear		lb	kg	19,220	20,569	8,718	9,330	19,608	22,558	8,894	10,232	20,243	18,603	9,182	8,438
	3-1	Tire type		Type		Pneumatic				Pneumatic				Pneumatic			
DIMENSIONS	3-2	Tire size, front			12.00-20 16PR				12.00-20 16PR				12.00-20 16PR				
	3-3	Tire size, rear			12.00-20 16PR				12.00-20 16PR				12.00-20 16PR				
	3-5	Number of tires, front / rear (X driven)		#	x4/2				x4/2				x4/2				
	3-6	Tread width, front	b10	in	mm	72.5		1,842		72.5		1,842		72.5		1,842	
PERFORMANCE	3-7	Tread width, rear	b11	in	mm	79.4		2,018		79.4		2,018		79.4		2,018	
	4-1	Mast tilt, forward / back	α/β	Degree		15°F / 12°B				15°F / 12°B				15°F / 12°B			
	4-2	Height of mast lowered	h1	in	mm	141		3,568		141		3,568		141		3,568	
	4-3	Freelift	h2	in	mm	0		0		0		0		0		0	
	4-4	Lift height (top of fork)	h3	in	mm	147		3,750		147		3,750		147		3,750	
	4-4-1	Lift height (bottom of fork)	h3	in	mm	144		3,660		144		3,660		144		3,660	
	4-5	Height, extended	h4	in	mm	213		5,398		213		5,398		213		5,398	
	4-7	Height to top of operator compartment (open cab)	h6	in	mm	121.4		3,083		121.4		3,083		121.4		3,083	
	4-7-1	Height, top of operator comp (closed cab)	h6	in	mm	122.4		3,110		122.4		3,110		122.4		3,110	
	4-7-2	Height, top of operator comp (closed cab w/ airco)	h6	in	mm	122.4		3,110		122.4		3,110		122.4		3,110	
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	h6	in	mm	126.2		3,205		126.2		3,205		126.2		3,205	
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	h6	in	mm	128.3		3,259		128.3		3,259		128.3		3,259	
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)	h6	in	mm	127.4		3,235		127.4		3,235		127.4		3,235	
	4-8	Seat height to seat point index (SIP)	h7	in	mm	75		1,903		75		1,903		75		1,903	
	4-12	Tow coupler height	h10	in	mm	27		689		27		689		27		689	
	4-19	Overall length	l1	in	mm	268		6,814		268		6,814		292		7,424	
	4-20	Length to load face	l2	in	mm	196		4,984		196		4,984		196		4,984	
	4-21	Overall width of truck	b2	in	mm	100		2,541		100		2,541		100		2,541	
	4-22	Fork dimension	s/e/l	in	mm	3.5 / 8 / 72		90 / 200 / 1,830		3.5 / 8 / 72		90 / 200 / 1,830		3.5 / 8 / 96		90 / 200 / 2,440	
	4-23	Fork carriage type		Type		Standard pin type carriage				Standard pin type carriage				Standard pin type carriage			
4-24	Carriage width	b3	in	mm	98.3		2,496		98.3		2,496		98.3		2,496		
4-25-1	Fork spread, min (in-in)	b5	in	mm	2.8		70		2.8		70		2.8		70		
4-25-2	Fork spread, max (out-out)	b5	in	mm	91.3		2,320		91.3		2,320		91.3		2,320		
4-30	Sideshift	b8	in	mm	0		0		0		0		0		0		
4-31	Ground clearance, under mast w/o load	m1	in	mm	9.6		245		9.6		245		9.6		245		
4-32	Ground clearance, center of wheelbase	m2	in	mm	13.4		341		13.4		341		13.4		341		
4-34	Minimum aisle width (add load length & clearance)	Ast	in	mm	215		5,462		215		5,462		215		5,462		
4-35	Outside turning radius	Wa	in	mm	180		4,573		180		4,573		180		4,573		
PERFORMANCE	TIER 4F					CUMMINS QSB 6.7L				CUMMINS QSB 6.7L				CUMMINS QSB 6.7L			
	5-1	Travel speed, with / without load		mph	km/h	17.0	18.0	27	29	17.0	18.0	27	29	17.0	18.0	27	29
	5-2-2	Lifting speed, with / without load - 111cc pump		ft/min	m/s	-	-	-	-	-	-	-	-	-	-	-	-
	5-2-3	Lifting speed, with / without load - 126cc pump		ft/min	m/s	81	91	0.41	0.46	81	91	0.41	0.46	81	91	0.41	0.46
	5-3	Lowering speed, with / without load		ft/min	m/s	106	94	0.54	0.48	106	94	0.54	0.48	106	94	0.54	0.48
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	22,000	23,200	104	107	21,700	23,100	104	107	22,500	23,300	105	107
	5-6	Drawbar pull - stall, with / without load		lb	kN	24,800	26,100	117	120	24,600	26,000	117	120	25,300	26,200	118	120
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%		34		33		31		32		43		36	
	5-8	Gradeability stall, with load / without load		%		39		33		35		32		50		36	
	TIER 3					CUMMINS QSB 6.7L				CUMMINS QSB 6.7L				CUMMINS QSB 6.7L			
	5-1	Travel speed, with / without load		mph	km/h	17.0	18.0	27	29	17.0	18.0	27	29	17.0	18.0	27	29
	5-2-2	Lifting speed, with / without load - 111cc pump		ft/min	m/s	71	79	0.36	0.40	71	79	0.36	0.40	71	79	0.36	0.40
	5-2-3	Lifting speed, with / without load - 126cc pump		ft/min	m/s	-	-	-	-	-	-	-	-	-	-	-	-
	5-3	Lowering speed, with / without load		ft/min	m/s	106	94	0.54	0.48	106	94	0.54	0.48	106	94	0.54	0.48
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	20,700	22,000	99	102	20,500	21,900	99	101	21,200	22,000	100	102
	5-6	Drawbar pull - stall, with / without load		lb	kN	23,500	24,700	111	114	23,200	24,600	111	114	24,000	24,800	112	114
5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%		32		33		29		32		41		36		
5-8	Gradeability stall, with load / without load		%		37		33		33		32		46		36		

H230XD48 | H250XD48 | H280XD48 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER				HYSTER				HYSTER					
	1-2	Model designation			H230XD48				H250XD48				H280XD48					
	1-3	Powertrain / drivetrain			Diesel				Diesel				Diesel					
	1-4	Operator type			Seated				Seated				Seated					
WEIGHT	1-5	Rated load capacity	Q	lb	kg	23,000	10,433		25,000	11,340		28,000	12,701					
	1-6	Load center	c	in	mm	48	1,219		48	1,219		48	1,219					
	1-8	Load distance	x	in	mm	35.0	889		35.0	889		35.0	889					
	1-9	Wheelbase	y	in	mm	130	3,300		130	3,300		138	3,500					
WEIGHT	2-1	Total truck weight without load			lb	kg	40,340	18,298		42,049	19,073		42,816	19,421				
	2-2	Axle loading with load, front / rear			lb	kg	57,728	5,611	26,185	2,545	61,141	5,908	27,733	2,680	64,761	6,056	29,375	2,747
	2-3	Axle loading without load, front / rear			lb	kg	20,036	20,305	9,088	9,210	20,168	21,879	9,148	9,924	19,895	22,921	9,024	10,397
WHEELS	3-1	Tire type			Type				Pneumatic				Pneumatic					
	3-2	Tire size, front			12.00-20 16PR				12.00-20 16PR				12.00-20 16PR					
	3-3	Tire size, rear			12.00-20 16PR				12.00-20 16PR				12.00-20 16PR					
	3-5	Number of tires, front / rear (X driven)			#				x4/2				x4/2					
WHEELS	3-6	Tread width, front	b10	in	mm	72.5	1,842		72.5	1,842		72.5	1,842					
	3-7	Tread width, rear	b11	in	mm	79.4	2,018		79.4	2,018		79.4	2,018					
	4-1	Mast tilt, forward / back			α/β				15°F / 12°B				15°F / 12°B					
DIMENSIONS	4-2	Height of mast lowered	h1	in	mm	141	3,568		141	3,568		141	3,568					
	4-3	Freelift	h2	in	mm	0	0		0	0		0	0					
	4-4	Lift height (top of fork)	h3	in	mm	147	3,750		147	3,750		147	3,750					
	4-4-1	Lift height (bottom of fork)	h3	in	mm	144	3,660		144	3,660		144	3,660					
	4-5	Height, extended	h4	in	mm	213	5,398		213	5,398		213	5,398					
	4-7	Height to top of operator compartment (open cab)	h6	in	mm	121.4	3,083		121.4	3,083		121.4	3,083					
	4-7-1	Height, top of operator comp (closed cab)	h6	in	mm	122.4	3,110		122.4	3,110		122.4	3,110					
	4-7-2	Height, top of operator comp (closed cab w/ airco)	h6	in	mm	122.4	3,110		122.4	3,110		122.4	3,110					
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	h6	in	mm	126.2	3,205		126.2	3,205		126.2	3,205					
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	h6	in	mm	128.3	3,259		128.3	3,259		128.3	3,259					
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)	h6	in	mm	127.4	3,235		127.4	3,235		127.4	3,235					
	4-8	Seat height to seat point index (SIP)	h7	in	mm	75	1,903		75	1,903		75	1,903					
	4-12	Tow coupler height	h10	in	mm	27	689		27	689		27	689					
	4-19	Overall length	l1	in	mm	292	7,424		292	7,424		305	7,754					
	4-20	Length to load face	l2	in	mm	196	4,984		196	4,984		209	5,314					
	4-21	Overall width of truck	b2	in	mm	100	2,541		100	2,541		100	2,541					
	4-22	Fork dimension	s/e/l	in	mm	3.5 / 8 / 96	90 / 200 / 2,440		3.5 / 8 / 96	90 / 200 / 2,440		3.5 / 8 / 96	90 / 200 / 2,440					
	4-23	Fork carriage type			Type		Standard pin type carriage				Standard pin type carriage							
	4-24	Carriage width	b3	in	mm	98.3	2,496		98.3	2,496		98.3	2,496					
	4-25-1	Fork spread, min (in-in)	b5	in	mm	2.8	70		2.8	70		2.8	70					
	4-25-2	Fork spread, max (out-out)	b5	in	mm	91.3	2,320		91.3	2,320		91.3	2,320					
	4-30	Sideshift	b8	in	mm	0	0		0	0		0	0					
	4-31	Ground clearance, under mast w/o load	m1	in	mm	9.6	245		9.6	245		9.6	245					
	4-32	Ground clearance, center of wheelbase	m2	in	mm	13.4	341		13.4	341		13.4	341					
4-34	Minimum aisle width (add load length & clearance)	Ast	in	mm	215	5,462		215	5,462		230	5,836						
4-35	Outside turning radius	Wa	in	mm	180	4,573		180	4,573		195	4,947						
PERFORMANCE	TIER 4F			CUMMINS QSB 6.7L				CUMMINS QSB 6.7L				CUMMINS QSB 6.7L						
	5-1	Travel speed, with / without load		mph	km/h	17.0	18.0	27	29	17.0	18.0	27	29	17.0	18.0	27	29	
	5-2-2	Lifting speed, with / without load - 111cc pump		ft/min	m/s	-	-	-	-	-	-	-	-	-	-	-	-	
	5-2-3	Lifting speed, with / without load - 126cc pump		ft/min	m/s	81	91	0.41	0.46	81	91	0.41	0.46	81	91	0.41	0.46	
	5-3	Lowering speed, with / without load		ft/min	m/s	106	94	0.54	0.48	106	94	0.54	0.48	106	94	0.54	0.48	
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	22,200	23,200	105	107	22,200	23,100	105	107	22,000	23,100	105	107	
	5-6	Drawbar pull - stall, with / without load		lb	kN	25,100	26,100	118	120	25,100	26,000	118	120	24,900	26,000	117	120	
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%		38		34		38		33		35		32		
	5-8	Gradeability stall, with load / without load		%		44		34		43		33		40		32		
	TIER 3			CUMMINS QSB 6.7L				CUMMINS QSB 6.7L				CUMMINS QSB 6.7L						
	5-1	Travel speed, with / without load		mph	km/h	17.0	18.0	27	29	17.0	18.0	27	29	17.0	18.0	27	29	
	5-2-2	Lifting speed, with / without load - 111cc pump		ft/min	m/s	71	79	0.36	0.40	71	79	0.36	0.40	71	79	0.36	0.40	
	5-2-3	Lifting speed, with / without load - 126cc pump		ft/min	m/s	-	-	-	-	-	-	-	-	-	-	-	-	
	5-3	Lowering speed, with / without load		ft/min	m/s	106	94	0.54	0.48	106	94	0.54	0.48	106	94	0.54	0.48	
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lb	kN	21,000	22,000	100	102	20,900	21,900	99	101	20,800	21,900	99	101	
	5-6	Drawbar pull - stall, with / without load		lb	kN	23,700	24,700	112	114	23,700	24,600	112	114	23,500	24,600	111	113	
	5-7	Gradeability - 1 mph (1.6 km/h), with / without load		%		36		34		35		33		33		32		
	5-8	Gradeability stall, with load / without load		%		41		34		40		33		38		32		

POWERTRAINS

POWERTRAINS							
GENERAL	1-1	Manufacturer			HYSTER		HYSTER
	1-2a	Model designation			H300-H360XD(S), H210-H250XD48		H300-H360XD(S), H210-H250XD48
	1-3	Powertrain / drivetrain			Diesel		Diesel
ENGINE	7-1	Engine Manufacturer / model			Cummins / QSB 6.7L		Cummins / QSB 6.7L
	7-1a	EPA Tier Compliance			Tier 4 / Stage IV		Tier 3 / Stage IIIA
	7-2	Engine power output - rated	hp	kW	164@2300	122@2300	156@2300 116@2300
	7-2-1	Engine power output - peak	hp	kW	168@2100	125@2100	156@2300 116@2300
	7-3	Rated speed	rpm	rpm	2,300		2,300
	7-3a	Peak speed	rpm	rpm	2,100		2,300
	7-3-1	Engine torque @ rpm (1/min)	lb-ft	N-m	540@1500	732@1500	440@1500 597@1500
	7-4	Number of cylinders / displacement	# / in3	# / cm3	6 / 409	6 / 6700	6 / 409 6 / 6700
	x	Turbocharger	Type		Variable geometry, water cooled		Wastegate, water cooled
	7-8	Alternator output	Amps		120		120
	7-9	Electrical system voltage	V		24		24
	7-10	Battery voltage / nominal capacity	V / Ah		24 / 102		24 / 102
	8-0	Drive control / transmission	Type		Powershift transmission		Powershift transmission
DRIVE	8-1	Type of drive unit	Type		Torque converter		Torque converter
	8-2	Transmission manufacturer / type	Type		ZF / 3WG161		ZF / 3WG161
	8-2-1	Transmission speeds forward / reverse	#		3 / 3		3 / 3
	8-3	Wheel drive / drive axle manufacturer / type	Type		Kessler / D81		Kessler / D81
	8-4	Service brake	Type		Oil immersed (wet) disc		Oil immersed (wet) disc
	8-5	Parking brake	Type		Spring apply, dry disc on drive axle		Spring apply, dry disc on drive axle
MISC	10-1	Operating pressure for attachments	psi	MPa	3,263	23	3,263 23
	10-2	Oil flow for attachments	gpm	l/m	26.4	100	26.4 100
	10-3	Hydraulic oil tank, capacity	gal	l	32	121	32 121
	10-4	Fuel tank, capacity	gal	l	40	151	40 151
	10-4-1	DEF tank, capacity	gal	l	5	19	N/A N/A
	10-5	Steering design	Type		Hydraulic power steering		Hydraulic power steering
	10-6	Number of steering rotation	#		5.0		5.0
	10-8	Towing coupling, type DIN	Type		Pin		Pin

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.

All capacities are according to ANSI B56.

Specification data is based on VDI 2198.

CE Safety: This truck conforms to the current ANSI requirements.

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:

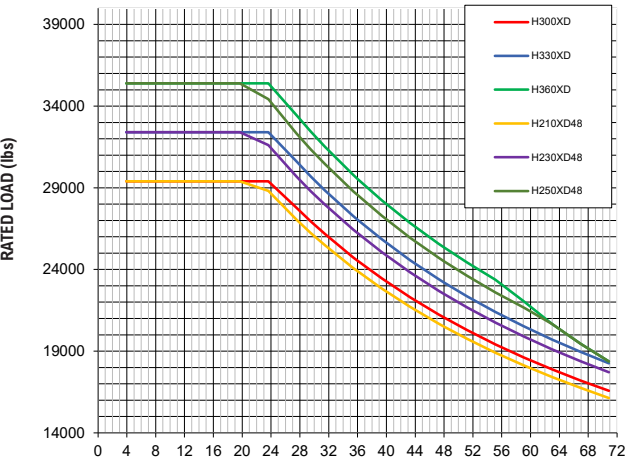
Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications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

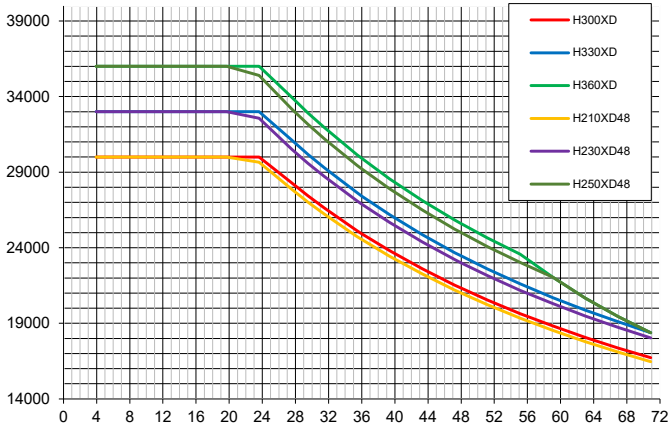
Specifications, unless otherwise listed, are for a standard truck without optional equipment.

CAPACITY RATINGS

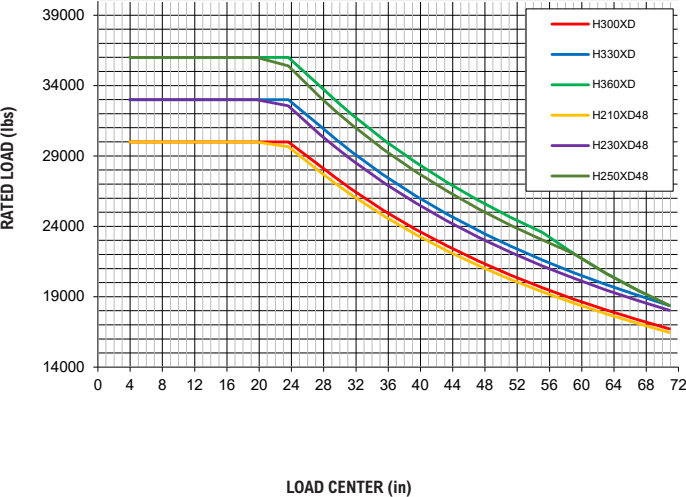
RATED LOAD VS. LOAD CENTER | DF-SS-FP CARRIAGE | U.S. CUSTOMARY



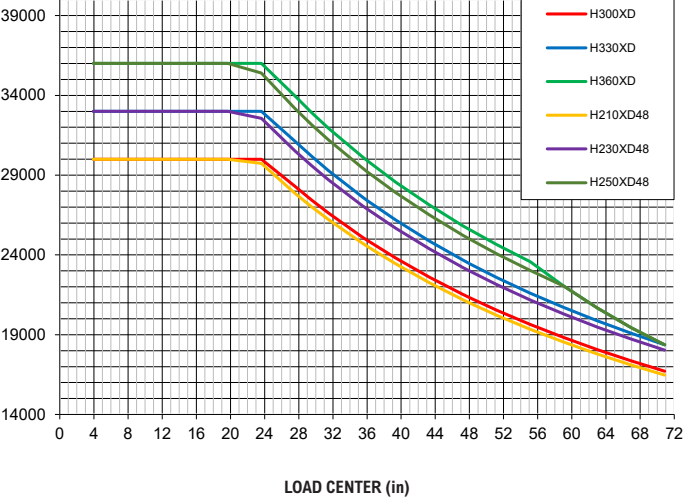
RATED LOAD VS. LOAD CENTER | STD PIN TYPE | U.S. CUSTOMARY



RATED LOAD VS. LOAD CENTER | STD PIN TYPE WITH FP | U.S. CUSTOMARY



RATED LOAD VS. LOAD CENTER | SIDE SHIFT PIN TYPE WITH FP | U.S. CUSTOMARY



H300XD(S) | H330XD(S) | H360XD CAPACITY SPECIFICATIONS

RATED CAPACITY: H300XD(S) @ 24 IN (610 MM) LOAD CENTER																										
	Lift height TOF		Lift height BOF		Overall lowered height		Overall extended height		Mast max roller lap (retracted)		Mast max roller lap (extended)		Mast weight		Standard pin type carriage				Apron pin type carriage				QD DFSSFP carriage			
															H300XD		H300XDS		H300XD		H300XDS		H300XD		H300XDS	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE NFL	108	2,750	104	2,660	121	3,068	174	4,398	99	2,520	47	1,190	4,209	2,525	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,900	13,562	29,900	13,562
	118	3,000	114	2,910	126	3,193	183	4,648	104	2,645	47	1,190	4,339	2,599	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,800	13,517	29,800	13,517
	127	3,250	124	3,160	131	3,318	193	4,898	109	2,770	47	1,190	4,464	2,676	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,800	13,517	29,800	13,517
	137	3,500	134	3,410	136	3,443	203	5,148	114	2,895	47	1,190	4,597	2,751	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,800	13,517	29,700	13,472
	147	3,750	144	3,660	141	3,568	213	5,398	119	3,020	47	1,190	4,727	2,828	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,700	13,472	29,700	13,472
	157	4,000	153	3,910	146	3,693	223	5,648	124	3,145	47	1,190	4,850	2,902	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,700	13,472	29,700	13,472
	177	4,500	173	4,410	156	3,943	243	6,148	134	3,395	47	1,190	5,179	3,054	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,600	13,426	29,600	13,426
	187	4,750	183	4,660	161	4,068	252	6,398	139	3,520	47	1,190	5,309	3,185	30,000	13,608	30,000	13,608	30,000	13,608	30,000	13,608	29,500	13,381	29,500	13,381
	196	5,000	193	4,910	166	4,193	262	6,648	144	3,645	47	1,190	5,670	3,263	30,000	13,608	30,000	13,608	30,000	13,608	29,600	13,426	29,500	13,381	29,500	13,381
	216	5,500	212	5,410	175	4,443	282	7,148	153	3,895	47	1,190	5,926	3,571	29,600	13,426	29,600	13,426	29,600	13,426	29,200	13,245	29,000	13,154	28,100	12,746
	236	6,000	232	5,910	185	4,693	302	7,648	163	4,145	47	1,190	6,184	3,724	29,200	13,245	29,200	13,245	29,200	13,245	29,000	13,154	25,600	11,612	22,600	10,251
	246	6,250	242	6,160	190	4,818	311	7,898	168	4,270	47	1,190	6,314	3,803	29,000	13,154	29,000	13,154	29,000	13,154	29,000	13,154	23,300	10,569	20,200	9,163
	255	6,500	252	6,410	195	4,943	321	8,148	173	4,395	47	1,190	6,444	3,879	28,800	13,063	28,800	13,063	28,700	13,018	28,800	13,063	21,300	9,662	18,000	8,165
	275	7,000	272	6,910	205	5,193	341	8,648	183	4,645	47	1,190	6,700	4,090	28,300	12,837	28,300	12,837	28,200	12,791	28,200	12,791	17,600	7,983	14,000	6,350

Capacities are calculated using 72" x 3" x 8" forks

RATED CAPACITY: H330XD(S) @ 24 IN (610 MM) LOAD CENTER																										
	Lift height TOF		Lift height BOF		Overall lowered height		Overall extended height		Mast max roller lap (retracted)		Mast max roller lap (extended)		Mast weight		Standard pin type carriage H330XD		Standard pin type carriage H330XDS		Apron pin type carriage H330XD		Apron pin type carriage H330XDS		QD DFSSFP carriage H330XD		QD DFSSFP carriage H330XDS	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE NFL	108	2,750	104	2,660	121	3,068	174	4,398	99	2,520	47	1,190	4,209	2,525	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,800	14,878	32,800	14,878
	118	3,000	114	2,910	126	3,193	183	4,648	104	2,645	47	1,190	4,339	2,599	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,700	14,832	32,700	14,832
	127	3,250	124	3,160	131	3,318	193	4,898	109	2,770	47	1,190	4,464	2,676	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,700	14,832	32,700	14,832
	137	3,500	134	3,410	136	3,443	203	5,148	114	2,895	47	1,190	4,597	2,751	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,600	14,787	32,600	14,787
	147	3,750	144	3,660	141	3,568	213	5,398	119	3,020	47	1,190	4,727	2,828	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,600	14,787	32,600	14,787
	157	4,000	153	3,910	146	3,693	223	5,648	124	3,145	47	1,190	4,850	2,902	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,500	14,742	32,500	14,742
	177	4,500	173	4,410	156	3,943	243	6,148	134	3,395	47	1,190	5,179	3,054	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,400	14,696	32,400	14,696
	187	4,750	183	4,660	161	4,068	252	6,398	139	3,520	47	1,190	5,309	3,185	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,400	14,696	32,400	14,696
	196	5,000	193	4,910	166	4,193	262	6,648	144	3,645	47	1,190	5,670	3,263	33,000	14,969	33,000	14,969	33,000	14,969	33,000	14,969	32,300	14,651	32,300	14,651
	216	5,500	212	5,410	175	4,443	282	7,148	153	3,895	47	1,190	5,926	3,571	32,600	14,787	32,600	14,787	32,600	14,787	32,600	14,787	31,100	14,107	28,300	12,837
	236	6,000	232	5,910	185	4,693	302	7,648	163	4,145	47	1,190	6,184	3,724	32,200	14,606	32,200	14,606	32,200	14,606	32,200	14,606	25,800	11,703	22,500	10,206
	246	6,250	242	6,160	190	4,818	311	7,898	168	4,270	47	1,190	6,314	3,803	31,900	14,470	32,000	14,515	31,900	14,470	32,000	14,515	23,400	10,614	20,000	9,072
	255	6,500	252	6,410	195	4,943	321	8,148	173	4,395	47	1,190	6,444	3,879	31,700	14,379	31,800	14,424	31,600	14,334	31,700	14,379	21,300	9,662	17,600	7,983
	275	7,000	272	6,910	205	5,193	341	8,648	183	4,645	47	1,190	6,700	4,090	31,200	14,152	31,300	14,197	31,100	14,107	31,100	14,107	17,400	7,893	13,500	6,123

Capacities are calculated using 72" x 3" x 8" forks

RATED CAPACITY: H360XD @ 24 IN (610 MM) LOAD CENTER																				
	Lift height TOF		Lift height BOF		Overall lowered height		Overall extended height		Mast max roller lap (retracted)		Mast max roller lap (extended)		Mast weight		Standard pin type carriage		Apron pin type carriage		QD DFSSFP carriage	
													H360XD		H360XD		H360XD			
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE NFL	108	2,750	104	2,660	121	3,068	174	4,398	99	2,520	47	1,190	4,209	2,525	36,000	16,329	36,000	16,329	35,800	16,239
	118	3,000	114	2,910	126	3,193	183	4,648	104	2,645	47	1,190	4,339	2,599	36,000	16,329	36,000	16,329	35,700	16,193
	127	3,250	124	3,160	131	3,318	193	4,898	109	2,770	47	1,190	4,464	2,676	36,000	16,329	36,000	16,329	35,700	16,193
	137	3,500	134	3,410	136	3,443	203	5,148	114	2,895	47	1,190	4,597	2,751	36,000	16,329	36,000	16,329	35,600	16,148
	147	3,750	144	3,660	141	3,568	213	5,398	119	3,020	47	1,190	4,727	2,828	36,000	16,329	36,000	16,329	35,600	16,148
	157	4,000	153	3,910	146	3,693	223	5,648	124	3,145	47	1,190	4,850	2,902	36,000	16,329	36,000	16,329	35,500	16,103
	177	4,500	173	4,410	156	3,943	243	6,148	134	3,395	47	1,190	5,179	3,054	36,000	16,329	36,000	16,329	35,400	16,057
	187	4,750	183	4,660	161	4,068	252	6,398	139	3,520	47	1,190	5,309	3,185	36,000	16,329	36,000	16,329	35,400	16,057
	196	5,000	193	4,910	166	4,193	262	6,648	144	3,645	47	1,190	5,670	3,263	36,000	16,329	36,000	16,329	35,300	16,012
	216	5,500	212	5,410	175	4,443	282	7,148	153	3,895	47	1,190	5,926	3,571	35,600	16,148	35,600	16,148	31,400	14,243
	236	6,000	232	5,910	185	4,693	302	7,648	163	4,145	47	1,190	6,184	3,724	35,100	15,921	35,100	15,921	25,900	11,748
	246	6,250	242	6,160	190	4,818	311	7,898	168	4,270	47	1,190	6,314	3,803	34,900	15,830	34,900	15,830	23,500	10,659
255	6,500	252	6,410	195	4,943	321	8,148	173	4,395	47	1,190	6,444	3,879	34,700	15,740	34,700	15,740	21,200	9,616	
275	7,000	272	6,910	205	5,193	341	8,648	183	4,645	47	1,190	6,700	4,090	34,200	15,513	34,100	15,467	17,200	7,802	

H210-230XD48 | H250-280XD48 CAPACITY SPECIFICATIONS

RATED CAPACITY: H210-230XD48 @ 48 IN (1220 MM) LOAD CENTER																										
2-STAGE NFL	Lift height TOF		Lift height BOF		Overall lowered height		Overall extended height		Mast max roller lap (retracted)		Mast max roller lap (extended)		Mast weight		Standard pin type carriage				Apron pin type carriage				QD DFSSFP carriage			
													H210XD48		H230XD48		H210XD48		H230XD48		H210XD48		H230XD48			
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
108	2,750	104	2,660	121	3,068	174	4,398	99	2,520	47	1,190	4,209	2,525	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	
118	3,000	114	2,910	126	3,193	183	4,648	104	2,645	47	1,190	4,339	2,599	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,900	9,480	23,000	10,433	
127	3,250	124	3,160	131	3,318	193	4,898	109	2,770	47	1,190	4,464	2,676	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,900	9,480	23,000	10,433	
137	3,500	134	3,410	136	3,443	203	5,148	114	2,895	47	1,190	4,597	2,751	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,900	9,480	22,900	10,387	
147	3,750	144	3,660	141	3,568	213	5,398	119	3,020	47	1,190	4,727	2,828	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,900	9,480	22,900	10,387	
157	4,000	153	3,910	146	3,693	223	5,648	124	3,145	47	1,190	4,850	2,902	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,800	9,435	22,900	10,387	
177	4,500	173	4,410	156	3,943	243	6,148	134	3,395	47	1,190	5,179	3,054	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,800	9,435	22,800	10,342	
187	4,750	183	4,660	161	4,068	252	6,398	139	3,520	47	1,190	5,309	3,185	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,700	9,389	22,800	10,342	
196	5,000	193	4,910	166	4,193	262	6,648	144	3,645	47	1,190	5,670	3,263	21,000	9,525	23,000	10,433	21,000	9,525	23,000	10,433	20,700	9,389	22,700	10,297	
216	5,500	212	5,410	175	4,443	282	7,148	153	3,895	47	1,190	5,926	3,571	20,700	9,389	22,700	10,297	20,700	9,389	22,700	10,297	20,300	9,208	22,400	10,160	
236	6,000	232	5,910	185	4,693	302	7,648	163	4,145	47	1,190	6,184	3,724	20,400	9,253	22,400	10,160	20,400	9,253	22,400	10,160	20,000	9,072	22,000	9,979	
246	6,250	242	6,160	190	4,818	311	7,898	168	4,270	47	1,190	6,314	3,803	20,300	9,208	22,200	10,070	20,200	9,163	22,200	10,070	19,800	8,981	21,400	9,707	
255	6,500	252	6,410	195	4,943	321	8,148	173	4,395	47	1,190	6,444	3,879	20,100	9,117	22,100	10,024	20,000	9,072	22,100	10,024	19,400	8,800	19,600	8,890	
275	7,000	272	6,910	205	5,193	341	8,648	183	4,645	47	1,190	6,700	4,090	19,800	8,981	21,700	9,843	19,600	8,890	21,700	9,843	16,400	7,439	16,400	7,439	

Capacities are calculated using 72" x 3" x 8" forks

RATED CAPACITY: H250-280XD48 @ 48 IN (1220 MM) LOAD CENTER																										
	Lift height TOF		Lift height BOF		Overall lowered height		Overall extended height		Mast max roller lap (retracted)		Mast max roller lap (extended)		Mast weight		Standard pin type carriage				Apron pin type carriage				QD DFSSFP carriage			
													H250XD48		H280XD48		H250XD48		H280XD48		H250XD48		H280XD48			
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg		
2-STAGE NFL	108	2,750	104	2,660	121	3,068	174	4,398	99	2,520	47	1,190	4,209	2,525	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,800	12,610
	118	3,000	114	2,910	126	3,193	183	4,648	104	2,645	47	1,190	4,339	2,599	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,800	12,610
	127	3,250	124	3,160	131	3,318	193	4,898	109	2,770	47	1,190	4,464	2,676	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,800	12,610
	137	3,500	134	3,410	136	3,443	203	5,148	114	2,895	47	1,190	4,597	2,751	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,700	12,565
	147	3,750	144	3,660	141	3,568	213	5,398	119	3,020	47	1,190	4,727	2,828	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,700	12,565
	157	4,000	153	3,910	146	3,693	223	5,648	124	3,145	47	1,190	4,850	2,902	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,700	12,565
	177	4,500	173	4,410	156	3,943	243	6,148	134	3,395	47	1,190	5,179	3,054	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	25,000	11,340	27,600	12,519
	187	4,750	183	4,660	161	4,068	252	6,398	139	3,520	47	1,190	5,309	3,185	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	24,900	11,294	27,500	12,474
	196	5,000	193	4,910	166	4,193	262	6,648	144	3,645	47	1,190	5,670	3,263	25,000	11,340	28,000	12,701	25,000	11,340	28,000	12,701	24,900	11,294	27,500	12,474
	216	5,500	212	5,410	175	4,443	282	7,148	153	3,895	47	1,190	5,926	3,571	24,700	11,204	27,600	12,519	24,700	11,204	27,600	12,519	24,500	11,113	27,100	12,292
	236	6,000	232	5,910	185	4,693	302	7,648	163	4,145	47	1,190	6,184	3,724	24,400	11,068	27,300	12,383	24,400	11,068	27,200	12,338	23,600	10,705	23,700	10,750
	246	6,250	242	6,160	190	4,818	311	7,898	168	4,270	47	1,190	6,314	3,803	24,200	10,977	27,100	12,292	24,200	10,977	26,900	12,202	21,600	9,798	21,600	9,798
	255	6,500	252	6,410	195	4,943	321	8,148	173	4,395	47	1,190	6,444	3,879	24,100	10,932	27,000	12,247	24,100	10,932	26,700	12,111	19,700	8,936	19,600	8,890
	275	7,000	272	6,910	205	5,193	341	8,648	183	4,645	47	1,190	6,700	4,090	23,700	10,750	26,600	12,066	23,700	10,750	26,300	11,929	16,400	7,439	16,200	7,348

Capacities are calculated using 72" x 3" x 8" forks

FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
Cummins QSB 6.7L Tier 4F diesel engine 164 hp (122 kW)*	x	
Cummins QSB 6.7L Tier 3 diesel engine 156 hp (116 kW)*	x	
Tier 4/Stage IV compliant	x	
Tier 3/Stage IIIA compliant	x	
Wastegate turbocharger, water cooled - Tier 3/Stage IIIA	x	
Variable geometry turbocharger, water cooled - Tier 4	x	
Delayed engine shutdown for turbo cooldown		x
On-demand cooling fan	x	
120 amp alternator	x	
Performance modes selectable in Integrated Performance Display	x	
Powertrain protection system	x	
Heavy duty air intake	x	
Heavy duty air intake (raised)		x
Low mount exhaust (below chassis)	x	
High mount exhaust		x
ZF Transmission WG161 3-speeds fwd/3-speeds reverse auto-shifting	x	
Kessler D81 drive axle with wet disc brakes	x	
DRIVE	STD	OPT
Travel speed limiter - unconditional and customer adjustable		x
Travel speed limiter - loaded (adjustable)		x
12.00 - 20 20PR Trelleborg pneumatic bias ply drive and steer tires	x	
12.00 - R20 Michelin® XZM radial drive and steer tires		x
12.00 - R20 Trelleborg radial drive and steer tires		x
12.00 - 20 pneumatic shaped solid drive and steer tires		x
LIFT	STD	OPT
111cc dual pump hydraulic system*	x	
126cc dual pump hydraulic system*	x	
On-demand load sensing hydraulic system	x	
Automatic throttle-up when lifting (in neutral or inching)	x	
Variable lap mast for low roller forces	x	
2-stage non free lift mast	x	
2-stage full free lift mast		x
3-stage full free lift mast		x
Mast tilt - 5° forward/6° back		x
Mast tilt - 5° forward/12° back		x
Mast tilt - 15° forward/10° back		x
Mast tilt - 15° forward/12° back	x	
Mast tilt - 20.5° forward/7° back		x
Mast tilt indicator - mechanical		x
Hydraulic accumulator		x
Pressure compensated lowering	x	
Hydraulic system temperature protection with performance de-rate		x
HANDLING	STD	OPT
98.3" (2496 mm) pin type carriage with mechanical fork locks	x	
98.3" (2496 mm) pin type carriage with simultaneous and independent fork positioner		x
98.3" (2496 mm) pin type apron-style sideshift carriage		x

HANDLING (continued)	STD	OPT
98.4" (2500 mm) pin type apron-style sideshift carriage with simultaneous fork positioner		x
98.3" (2496 mm) pin type apron-style sideshift carriage with simultaneous and independent fork positioner		x
98.3" (2498 mm) QD hook type dual function sideshift carriage with simultaneous and Independent fork positioner		x
98.3" (2498 mm) QD hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions		x
72" (1824 mm) high load backrest		x
80" (2040 mm) high load backrest		x
98" (2500 mm) high load stabilizer (for lumber applications)		x
72" long x 3.5" thick x 7.9" wide (1830 mm x 90 mm x 200 mm) forks	x	
Pin type forks (various sizes)		x
Pin type forks for lumber applications		x
Hook type quick disconnect DFSSFP forks (various sizes)		x
ERGONOMICS	STD	OPT
Open operator compartment (without doors & screens)	x	
Enclosed operator cabin		x
Manual tilt operator compartment for service	x	
Powered 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	
Coat hook	x	
Front, top and rear wipers		x
"H"-pattern front wiper (enclosed operator cabin)		x
"I"-pattern front wiper (enclosed operator cabin)		x
Laminated glass operator compartment front window		x
Tinted operator compartment windows (doors, rear and top window)		x
Tinted operator compartment top window		x
Lexan top window		x
Plexiglass shield in front of front window		x
Wire mesh installed on top of operator compartment		x
Vertical steel bar front window guard		x
Operator shield wire mesh		x
7" integrated performance display	x	

*Standard or Optional in select markets or on select models. Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.

FEATURES AND OPTIONS


ERGONOMICS (continued)	STD	OPT
Touchpoint™ mini levers hydraulic control integrated in control arm	x	
Joystick hydraulic control integrated in control arm		x
Steering wheel without spinner knob	x	
Steering wheel with spinner knob		x
Directional control lever on steering column	x	
Hyster MONOTROL® pedal directional control		x
Directional control on mini-levers or joystick		x
Park brake - push button applied	x	
Park brake - automatically applied		x
Heater with adjustable speed fan (enclosed operator cabin)	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
Sun visors front window		x
Trainer seat		x
Recirculation fan		x
Additional recirculation fan		x
Accessory mounting bracket on cab front right pillar		x
Document holder on cab front right pillar		x
Heated top- and/or rear window		x
Radio preparation set-up (wiring, two 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
Interior wide angle mirrors	x	
Exterior mirrors mounted to cab		x
Rear view camera system		x
Radar object detection system		x
Halogen work lights		x
High performance LED work lights		x
Two head lights mounted on front fenders		x
Four mast mounted work lights		x
Four cabin mounted work lights		x
Two rearward work lights mounted on the cabin		x
LED stop/tail/brake lights	x	
Turn signals, hazard & marker lights (LED)		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/reverse motion alarm		x
Blue LED spotlight – rear/front and rear		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	
Seatbelt interlock for truck start		x
Power distribution group with fuses	x	
Fuses below 30 amps 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 system	x	
Hyster Tracker™ wireless asset management - access/verification		x
Hyster Tracker™ wireless asset management - monitoring		x
Auto greasing system for base truck		x
24 volt electrical system	x	
Engine block heater 110 or 240 volt		x
Steer wheel lug nut protection		x
Front mud flaps		x
Rear mud flaps		x
Lifting eyes - 2 front and 2 rear		x
Wire mesh belly pan		x
Wire mesh and plates belly pan		x
APPEARANCE	STD	OPT
Second capacity plate		x
Hyster yellow paint base truck	x	
Special paint base truck		x
Operator compartment special paint (outside only)		x
Hazard warning striping on counterweight		x
SUPPLEMENTAL	STD	OPT
Literature package	x	
Operator's manual	x	
CE certification		x
U.L. label - standard construction	x	
Warranty: 12 months /2,000 hours parts & labor manufacturer's warranty*	x	
Warranty: 12 months/2,000 hours parts manufacturer's warranty*	x	

*Standard or Optional in select markets or on select models. Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.



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