



**STRONG PARTNERS.  
TOUGH TRUCKS.™**



# **H210-250/48HD<sub>2</sub>, H300-360HD<sub>2</sub> SERIES TECHNICAL GUIDE**

**[WWW.HYSTER.COM](http://WWW.HYSTER.COM)**



# H300HD<sub>2</sub> / H330HD<sub>2</sub> SPECIFICATIONS <

	GENERAL				HYSTER				HYSTER			
					H300HD <sub>2</sub>				H330HD <sub>2</sub>			
GENERAL	1-1	Manufacturer			Diesel				Diesel			
	1-2	Model designation			Seated				Seated			
	1-3	Powertrain / drivetrain			30,000				13,608			
	1-4	Operator type			33,000				14,969			
	1-5	Rated capacity / rated load	Q	lbs kg	24				610			
	1-6	Load center distance	c <sub>1</sub>	in mm	35				889			
	1-8	Load distance	x	in mm	130				3,300			
	1-9	Wheelbase	y	in mm	39,286				17,820			
	WT.	2-1	Service weight			64,117				29,083		
2-2		Axle loading with load, front / rear			5,169				2,345			
2-3		Axle loading without load, front / rear			18,793				8,524			
WHEELS	3-1	Tire type			Pneumatic				Pneumatic			
	3-2	Tire size, front			12.00-20 20PR				12.00-20 20PR			
	3-3	Tire size, rear			12.00-20 20PR				12.00-20 20PR			
	3-5	Wheels, number front / rear (x = driven wheels)			x4 / 2				x4 / 2			
	3-6	Tread, front	b <sub>10</sub>	in mm	72.5				1,842			
	3-7	Tread, rear	b <sub>11</sub>	in mm	78.7				2,000			
	DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg deg	15° / 12°				15° / 12°		
4-2		Height, mast lowered	h <sub>1</sub>	in mm	141				3,568			
4-3		Free lift (top of forks)	h <sub>2</sub>	in mm	0				0			
4-4		Lift (top of forks)	h <sub>3</sub>	in mm	147				3,750			
4-5		Height, mast extended	h <sub>4</sub>	in mm	213				5,398			
4-7		Height of overhead guard (open cab)	h <sub>6</sub>	in mm	120.2				3,053			
4-7-1		Height of overhead guard (closed cab)	h <sub>6</sub>	in mm	121.6				3,089			
4-7-2		Height of overhead guard (closed cab w/ air cond.)	h <sub>6</sub>	in mm	122.9				3,122			
4-7-3		Height of overhead guard (closed cab w/ strobe light)	h <sub>6</sub>	in mm	126.8				3,221			
4-7-4		Height of overhead guard (closed cab w/ work lights)	h <sub>6</sub>	in mm	129.1				3,280			
4-7-5		Height of overhead guard (closed cab w/ air cond. & strobe light)	h <sub>6</sub>	in mm	129.7				3,295			
4-8		Seat height to seat point index	h <sub>7</sub>	in mm	71.6				1,818			
4-19		Overall length	l <sub>1</sub>	in mm	269				6,828			
4-20		Length to face of forks	l <sub>2</sub>	in mm	197				4,998			
4-21		Overall width	b <sub>2</sub>	in mm	100				2,541			
4-22		Fork dimensions ISO 2331	s/e/l	in mm	3.5 / 8 / 72				90 / 200 / 1,830			
4-23		Fork carriage type			Standard pin type carriage				Standard pin type carriage			
4-24		Fork carriage width	b <sub>3</sub>	in mm	98.3				2,496			
4-25-1		Distance between fork-arms, minimum (in-in)	b <sub>5</sub>	in mm	2.8				70			
4-25-2		Distance between fork-arms, maximum (out-out)	b <sub>5</sub>	in mm	95.3				2,420			
4-30		Sideshift	b <sub>8</sub>	in mm	0				0			
4-31		Ground clearance, with load, below mast	m <sub>1</sub>	in mm	10				245			
4-32		Ground clearance, center of wheelbase	m <sub>2</sub>	in mm	13				341			
4-34	Min. aisle width (add load length and clearance)	A <sub>st</sub>	in mm	215				5,473				
4-35	Outside turning radius	W <sub>4</sub>	in mm	180				4,584				
PERFORMANCE	PERFORMANCE				CUMMINS QSB 4.5 TIER 4F ENGINE							
	5-1	Travel speed, with / without load (1)		mph km/h	17 27		18 29		17 27		18 29	
	5-1-1	Travel speed, with load locked / without load		mph km/h	On request		On request		On request		On request	
	5-2	Lifting speed, with / without load 126cc pump		ft/min m/s	81 0.41		91 0.46		81 0.41		91 0.46	
	5-3	Lowering speed with / without load		ft/min m/s	98 0.50		94 0.48		98 0.50		94 0.48	
	5-5	Drawbar pull - 1 mph   1.6 km/h, with / without load		lbs. kN	22,900 109		24,100 111		22,800 108		24,000 111	
	5-6	Drawbar pull - stall, with / without load		lbs. kN	25,700 121		26,900 123		25,600 121		26,800 123	
	5-7	Gradeability - 1 mph   1.6 km/h, with / without load		% %	37 37		37 37		34 34		35 35	
	5-8	Gradeability - stall, with / without load		% %	42 42		37 37		39 39		35 35	
	PERFORMANCE				CUMMINS QSB 6.7 TIER 3 ENGINE							
	5-1	Travel speed, with / without load (1)		mph km/h	17 27		18 29		17 27		18 29	
	5-1-1	Travel speed, with load locked / without load		mph km/h	On request		On request		On request		On request	
	5-2	Lifting speed, with / without load 111cc pump		ft/min m/s	71 0.36		79 0.40		71 0.36		79 0.40	
	5-3	Lowering speed with / without load		ft/min m/s	98 0.50		94 0.48		98 0.50		94 0.48	
	5-5	Drawbar pull - 1 mph   1.6 km/h, with / without load		lbs. kN	20,800 99		22,000 102		20,700 99		21,900 101	
	5-6	Drawbar pull - stall, with / without load		lbs. kN	23,600 111		24,700 114		23,400 111		24,600 114	
5-7	Gradeability - 1 mph   1.6 km/h, with / without load		% %	33 33		37 37		31 31		35 35		
5-8	Gradeability - stall, with / without load		% %	38 38		37 37		36 36		35 35		



# > H360HD<sub>2</sub> / H210-48HD<sub>2</sub> SPECIFICATIONS

GENERAL	1-1		HYSTER				HYSTER						
	Manufacturer												
GENERAL	1-2		H360HD <sub>2</sub>				H210-48HD <sub>2</sub>						
	Model designation												
GENERAL	1-3		Diesel				Diesel						
	Powertrain / drivetrain												
GENERAL	1-4		Seated				Seated						
	Operator type												
GENERAL	1-5		Q	lbs	kg	36,000		16,329		21,000		9,525	
	Rated capacity / rated load												
GENERAL	1-6		c <sub>1</sub>	in	mm	24		610		48		1220	
	Load center distance												
GENERAL	1-8		x	in	mm	35		889		35		889	
	Load distance												
GENERAL	1-9		y	in	mm	130		3,300		130		3,300	
	Wheelbase												
WT.	2-1			lbs	kg	42,824		19,425		39,612		17,968	
	Service weight												
WT.	2-2			lbs	kg	72,761	33,004	6,064	2,750	55,501	25,175	5,112	2,319
	Axle loading with load, front / rear												
WT.	2-3			lbs	kg	20,412	9,259	22,412	10,166	21,085	9,564	18,527	8,404
	Axle loading without load, front / rear												
WHEELS	3-1		Pneumatic										
	Tire type												
WHEELS	3-2		12.00-20 20PR										
	Tire size, front												
WHEELS	3-3		12.00-20 20PR										
	Tire size, rear												
WHEELS	3-5		x4 / 2										
	Wheels, number front / rear (x = driven wheels)												
WHEELS	3-6		b <sub>10</sub>	in	mm	72.5		1,842		72.5		1,842	
	Tread, front												
WHEELS	3-7		b <sub>11</sub>	in	mm	78.7		2,000		78.7		2,000	
	Tread, rear												
DIMENSIONS	4-1		α/β	deg	deg	15° / 12°				15° / 12°			
	Mast tilt, forward / backward												
DIMENSIONS	4-2		h <sub>1</sub>	in	mm	141		3,568		141		3,568	
	Height, mast lowered												
DIMENSIONS	4-3		h <sub>2</sub>	in	mm	0		0		0		0	
	Free lift (top of forks)												
DIMENSIONS	4-4		h <sub>3</sub>	in	mm	147		3,750		147		3,750	
	Lift (top of forks)												
DIMENSIONS	4-5		h <sub>4</sub>	in	mm	213		5,398		213		5,398	
	Height, mast extended												
DIMENSIONS	4-7		h <sub>6</sub>	in	mm	120.2		3,053		120.2		3,053	
	Height of overhead guard (open cab)												
DIMENSIONS	4-7-1		h <sub>6</sub>	in	mm	121.6		3,089		121.6		3,089	
	Height of overhead guard (closed cab)												
DIMENSIONS	4-7-2		h <sub>6</sub>	in	mm	122.9		3,122		122.9		3,122	
	Height of overhead guard (closed cab w/ air cond.)												
DIMENSIONS	4-7-3		h <sub>6</sub>	in	mm	126.8		3,221		126.8		3,221	
	Height of overhead guard (closed cab w/ strobe light)												
DIMENSIONS	4-7-4		h <sub>6</sub>	in	mm	129.1		3,280		129.1		3,280	
	Height of overhead guard (closed cab w/ work lights)												
DIMENSIONS	4-7-5		h <sub>6</sub>	in	mm	129.7		3,295		129.7		3,295	
	Height of overhead guard (closed cab w/ air cond. & strobe light)												
DIMENSIONS	4-8		h <sub>7</sub>	in	mm	71.6		1,818		71.6		1,818	
	Seat height to seat point index												
DIMENSIONS	4-19		l <sub>1</sub>	in	mm	269		6,823		293		7,438	
	Overall length												
DIMENSIONS	4-20		l <sub>2</sub>	in	mm	197		4,998		197		4,998	
	Length to face of forks												
DIMENSIONS	4-21		b <sub>2</sub>	in	mm	100		2,541		100		2,541	
	Overall width												
DIMENSIONS	4-22		s/e/l	in	mm	3.5 / 8 / 72		90 / 200 / 1,830		3.5 / 8 / 96		90 / 200 / 2,440	
	Fork dimensions ISO 2331												
DIMENSIONS	4-23		Standard pin type carriage										
	Fork carriage type												
DIMENSIONS	4-24		b <sub>3</sub>	in	mm	98		2,496		98		2,496	
	Fork carriage width												
DIMENSIONS	4-25-1		b <sub>5</sub>	in	mm	2.8		70		2.8		70	
	Distance between fork-arms, minimum (in-in)												
DIMENSIONS	4-25-2		b <sub>5</sub>	in	mm	95.3		2,420		95.3		2,420	
	Distance between fork-arms, maximum (out-out)												
DIMENSIONS	4-30		b <sub>8</sub>	in	mm	0		0		0		0	
	Sideshift												
DIMENSIONS	4-31		m <sub>1</sub>	in	mm	10		245		10		245	
	Ground clearance, with load, below mast												
DIMENSIONS	4-32		m <sub>2</sub>	in	mm	13		341		13		341	
	Ground clearance, center of wheelbase												
DIMENSIONS	4-34		A <sub>st</sub>	in	mm	215		5,473		215		5,473	
	Min. aisle width (add load length and clearance)												
DIMENSIONS	4-35		W <sub>6</sub>	in	mm	180		4,584		180		4,584	
	Outside turning radius												
PERFORMANCE	PERFORMANCE												
	CUMMINS QSB6.7 TIER 4F ENGINE												
PERFORMANCE	5-1			mph	km/h	17	27	18	29	17	27	18	29
	Travel speed, with / without load (1)												
PERFORMANCE	5-1-1			mph	km/h	On request		On request		On request		On request	
	Travel speed, with load locked / without load												
PERFORMANCE	5-2			ft/min	m/s	81	0.41	91	0.46	81	0.41	91	0.46
	Lifting speed, with / without load 126cc pump												
PERFORMANCE	5-3			ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48
	Lowering speed with / without load												
PERFORMANCE	5-5			lbs.	kN	22,500	108	23,900	111	23,300	109	24,100	111
	Drawbar pull - 1 mph   1.6 km/h, with / without load												
PERFORMANCE	5-6			lbs.	kN	25,300	120	26,800	123	26,100	122	26,900	123
	Drawbar pull - stall, with / without load												
PERFORMANCE	5-7			%	%	32	32	34	34	44	44	37	37
	Gradeability - 1 mph   1.6 km/h, with / without load												
PERFORMANCE	5-8			%	%	36	36	34	34	51	51	37	37
	Gradeability - stall, with / without load												
PERFORMANCE	PERFORMANCE												
	CUMMINS QSB6.7 TIER 3 ENGINE												
PERFORMANCE	5-1			mph	km/h	17	27	18	29	17	27	18	29
	Travel speed, with / without load (1)												
PERFORMANCE	5-1-1			mph	km/h	On request		On request		On request		On request	
	Travel speed, with load locked / without load												
PERFORMANCE	5-2			ft/min	m/s	71	0.36	79	0.40	71	0.36	79	0.40
	Lifting speed, with / without load 111cc pump												
PERFORMANCE	5-3			ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48
	Lowering speed with / without load												
PERFORMANCE	5-5			lbs.	kN	20,400	98	21,800	101	21,200	100	22,000	102
	Drawbar pull - 1 mph   1.6 km/h, with / without load												
PERFORMANCE	5-6			lbs.	kN	23,200	111	24,600	113	23,900	112	24,700	114
	Drawbar pull - stall, with / without load												
PERFORMANCE	5-7			%	%	29	29	34	34	40	40	37	37
	Gradeability - 1 mph   1.6 km/h, with / without load												
PERFORMANCE	5-8			%	%	32	32	34	34	46	46	37	37
	Gradeability - stall, with / without load												

# H230-48HD<sub>2</sub> / H250-48HD<sub>2</sub> SPECIFICATIONS <

	GENERAL		HYSTER				HYSTER							
			H230-48HD <sub>2</sub>				H250-48HD <sub>2</sub>							
GENERAL	1-1	Manufacturer			HYSTER				HYSTER					
	1-2	Model designation			H230-48HD <sub>2</sub>				H250-48HD <sub>2</sub>					
	1-3	Powertrain / drivetrain			Diesel				Diesel					
	1-4	Operator type			Seated				Seated					
	1-5	Rated capacity / rated load	Q	lbs	kg	23,000	10,433	25,000	11,340					
	1-6	Load center distance	c <sub>1</sub>	in	mm	48	1220	48	1220					
	1-8	Load distance	x	in	mm	35	889	35	889					
	1-9	Wheelbase	y	in	mm	130	3,300	130	3,300					
	WT.	2-1	Service weight			lbs	kg	41,387	18,773	43,151	19,573			
2-2		Axle loading with load, front / rear			lbs	kg	58,739	26,643	5,648	2,562	61,975	28,111	6,176	2,801
2-3		Axle loading without load, front / rear			lbs	kg	21,045	9,546	20,342	9,227	21,004	9,527	22,147	10,046
WHEELS	3-1	Tire type			Pneumatic				Pneumatic					
	3-2	Tire size, front			12.00-20 20PR				12.00-20 20PR					
	3-3	Tire size, rear			12.00-20 20PR				12.00-20 20PR					
	3-5	Wheels, number front / rear (x = driven wheels)			x4 / 2				x4 / 2					
	3-6	Tread, front	b <sub>10</sub>	in	mm	72.5	1,842	72.5	1,842					
	3-7	Tread, rear	b <sub>11</sub>	in	mm	78.7	2,000	78.7	2,000					
	DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	deg	15° / 12°				15° / 12°			
4-2		Height, mast lowered	h <sub>1</sub>	in	mm	141	3,568	141	3,568					
4-3		Free lift (top of forks)	h <sub>2</sub>	in	mm	0	0	0	0					
4-4		Lift (top of forks)	h <sub>3</sub>	in	mm	147	3,750	147	3,750					
4-5		Height, mast extended	h <sub>4</sub>	in	mm	213	5,398	213	5,398					
4-7		Height of overhead guard (open cab)	h <sub>6</sub>	in	mm	120.2	3,053	120.2	3,053					
4-7-1		Height of overhead guard (closed cab)	h <sub>6</sub>	in	mm	121.6	3,089	121.6	3,089					
4-7-2		Height of overhead guard (closed cab w/ air cond.)	h <sub>6</sub>	in	mm	122.9	3,122	122.9	3,122					
4-7-3		Height of overhead guard (closed cab w/ strobe light)	h <sub>6</sub>	in	mm	126.8	3,221	126.8	3,221					
4-7-4		Height of overhead guard (closed cab w/ work lights)	h <sub>6</sub>	in	mm	129.1	3,280	129.1	3,280					
4-7-5		Height of overhead guard (closed cab w/ air cond. & strobe light)	h <sub>6</sub>	in	mm	129.7	3,295	129.7	3,295					
4-8		Seat height to seat point index	h <sub>7</sub>	in	mm	71.6	1,818	71.6	1,818					
4-19		Overall length	l <sub>1</sub>	in	mm	293	7,438	293	7,438					
4-20		Length to face of forks	l <sub>2</sub>	in	mm	197	4,998	197	4,998					
4-21		Overall width	b <sub>2</sub>	in	mm	100	2,541	100	2,541					
4-22		Fork dimensions ISO 2331	s/e/l	in	mm	3.5 / 8 / 96	90 / 200 / 2,440	3.5 / 8 / 96	90 / 200 / 2,440					
4-23		Fork carriage type				Standard pin type carriage				Standard pin type carriage				
4-24		Fork carriage width	b <sub>3</sub>	in	mm	98.3	2,496	98.3	2,496					
4-25-1		Distance between fork-arms, minimum (in-in)	b <sub>5</sub>	in	mm	2.8	70	2.8	70					
4-25-2		Distance between fork-arms, maximum (out-out)	b <sub>5</sub>	in	mm	95.3	2,420	95.3	2,420					
4-30		Sideshift	b <sub>8</sub>	in	mm	0	0	0	0					
4-31		Ground clearance, with load, below mast	m <sub>1</sub>	in	mm	10	245	10	245					
4-32		Ground clearance, center of wheelbase	m <sub>2</sub>	in	mm	13	341	13	341					
4-34	Min. aisle width (add load length and clearance)	Ast	in	mm	215	5,473	215	5,473						
4-35	Outside turning radius	W <sub>0</sub>	in	mm	180	4,584	180	4,584						
PERFORMANCE	PERFORMANCE		CUMMINS QSB6.7 TIER 4F ENGINE											
	5-1	Travel speed, with / without load (1)	mph	km/h	17	27	18	29	17	27	18	29		
	5-1-1	Travel speed, with load locked / without load	mph	km/h	On request		On request		On request		On request			
	5-2	Lifting speed, with / without load 126cc pump	ft/min	m/s	81	0.41	91	0.46	81	0.41	91	0.46		
	5-3	Lowering speed with / without load	ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48		
	5-5	Drawbar pull - 1 mph   1.6 km/h, with / without load	lbs.	kN	23,100	109	25,900	121	23,000	109	24,000	111		
	5-6	Drawbar pull - stall, with / without load	lbs.	kN	25,900	121	26,800	123	25,800	121	26,800	123		
	5-7	Gradeability - 1 mph   1.6 km/h, with / without load	%	%	40	40	36	36	38	38	34	34		
	5-8	Gradeability - stall, with / without load	%	%	46	46	36	36	44	44	34	34		
	PERFORMANCE		CUMMINS QSB6.7 TIER 3 ENGINE											
	5-1	Travel speed, with / without load (1)	mph	km/h	17	27	18	29	17	27	18	29		
	5-1-1	Travel speed, with load locked / without load	mph	km/h	On request		On request		On request		On request			
	5-2	Lifting speed, with / without load 111cc pump	ft/min	m/s	71	0.36	79	0.40	71	0.36	79	0.40		
	5-3	Lowering speed with / without load	ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48		
	5-5	Drawbar pull - 1 mph   1.6 km/h, with / without load	lbs.	kN	21,000	100	21,900	101	20,900	99	21,900	101		
	5-6	Drawbar pull - stall, with / without load	lbs.	kN	23,700	112	24,600	114	23,600	112	24,600	114		
5-7	Gradeability - 1 mph   1.6 km/h, with / without load	%	%	36	36	36	36	35	35	34	34			
5-8	Gradeability - stall, with / without load	%	%	41	41	36	36	40	40	34	34			

# > POWERTRAINS

GENERAL	1-1	Manufacturer				HYSTER	
	1-2	Model designation				H300-360HD <sub>2</sub> / H210-250-48HD <sub>2</sub>	
	1-3	Powertrain / drivetrain				Diesel	

ENGINE	7-1	Engine manufacturer / model			Cummins / QSB 6.7		Cummins / QSB 6.7	
	7-1a	EPA / CE compliance			Tier 3 / Stage IIIA		Tier 4F / Stage IV	
	7-2	Engine power output according to ISO 1585	hp	kW	155	116	164	122
	7-2-1	Engine power output - Peak	hp	kW	155	116	168	125
	7-3	Governed speed	rpm	1/min	2,300		2,300	
	7-3-1	Engine torque @rpm (1/min)	lb-ft	N-m	440 @ 1,500	597 @ 1,500	540 @ 1,500	732 @ 1,500
	7-4	Number of cylinders / displacement	# / in <sup>3</sup>	# / cm <sup>3</sup>	6 / 409	6 / 6,700	6 / 409	6 / 6,700
		Turbocharger	Type		Wastegate		Variable geometry, water cooled	
	7-8	Alternator output	Amps		120		120	
	7-9	Electrical system voltage	V		24		24	
7-10	Battery voltage, rated capacity	V / Ah		24 / 102		24 / 102		

DRIVE	8-1	Drive control / Transmission	Type / #	Powershift Transmission			
	8-2	Transmission manufacturer / type	Type / #	ZF / WG161			
	8-4	Transmission speeds forward / backward	#	3 / 3			
	8-5	Coupling	Type	Torque Converter			
	8-6	Wheel drive / drive axle manufacturer / type	Type / #	Kessler / D81			
	8-11	Service brake	Type	Oil immersed (wet) disc			
	8-12	Parking brake	Type	Spring applied, dry disc on drive axle			

MISC	10-1	Operating pressure for attachments	psi	l	3,263	22.5	3,263	22.5
	10-2	Oil volume for attachments	gal/min	l/min	26.4	100	26.4	100
	10-3	Hydraulic tank capacity	gal	l	37	140	37	140
	10-4	Fuel tank capacity	gal	l	42	158	42	158
	10-4-1	DEF tank capacity	gal	l	NA	NA	5	19
	10-5	Steering design			Hydraulic power steering		Hydraulic power steering	
	10-6	Number of steering rotation			4.5		4.5	

## NOTES:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster® truck.

- (1) Travel speed laden/unladen limited at 15.5 mph / 25 km/h as factory default
- (2) T4 engine based on low mount exhaust.

All capacities are according to EN1459.

All specifications and capacities are valid for trucks equipped with a Hyster® container handling spreader for handling ISO containers.

## 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.*

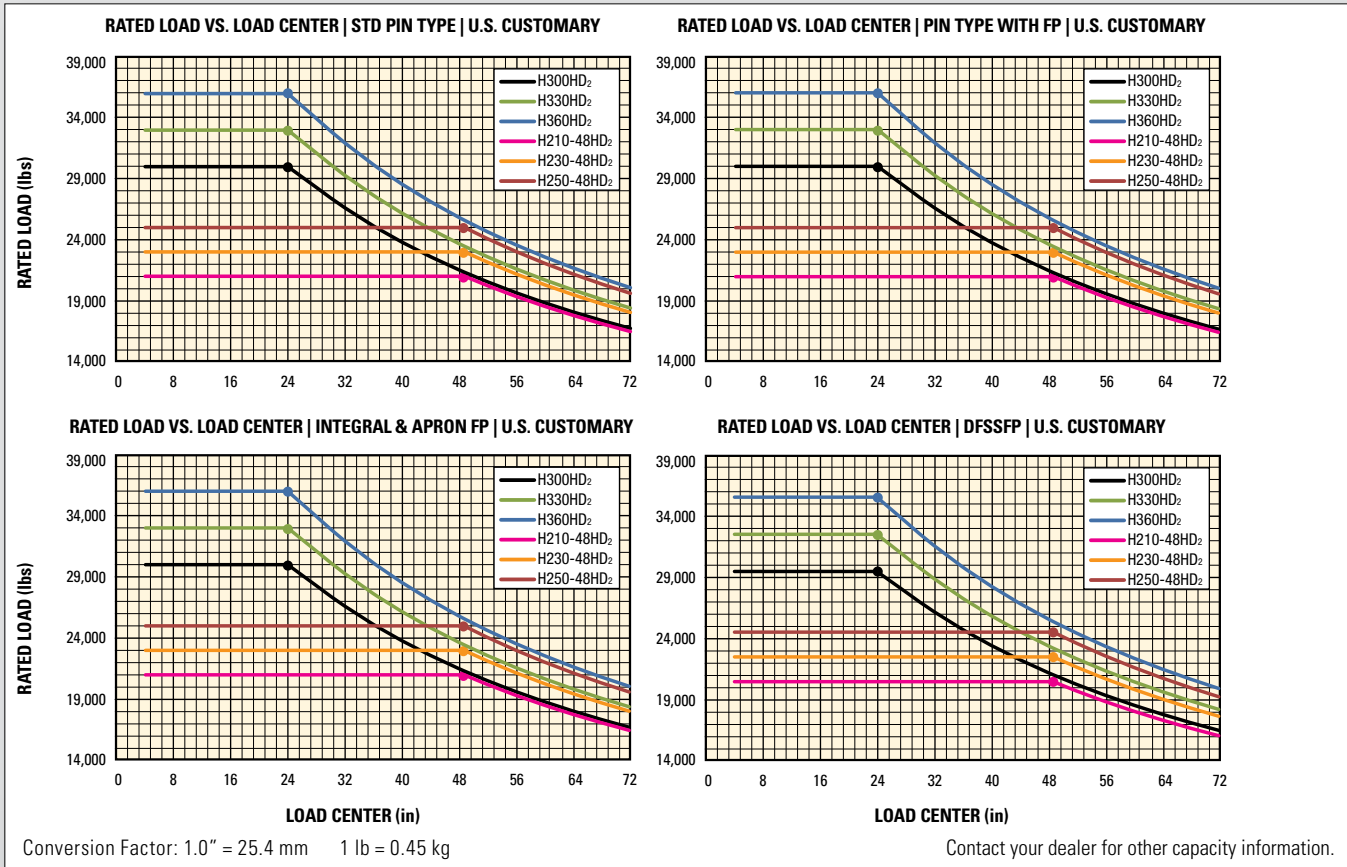
Specification data is based on VDI 2198.

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





# > CAPACITY RATINGS



# > 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 155.6 hp (116 kW)*	X	
Tier 4 / Stage IV compliant*	X	
Tier 3 / Stage III compliant*	X	
Variable geometry turbocharger, water cooled*	X	
Wastegate turbocharger*	X	
On-demand cooling fan*	X	
120 amp alternator	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 forward/3-speeds reverse auto-shifting	X	
Kessler D81 drive axle with wet disc brakes	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
Hydraulic Accumulator		X
Pressure Compensated Lowering		X
Hydraulic system temperature protection		X
DRIVE	STD	OPT
Traction speed limiter - loaded (adjustable)		X
Travel Speed Limiter pre-set to 10 mph / 16 km/h		X
Travel Speed Limiter pre-set to 12 mph / 20 km/h		X
12.00 - R20 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
10.00 - 20 Pneumatic Shaped Solid drive and steer tires		X
Spare wheels and tires		X
HANDLING	STD	OPT
Short Wheelbase (SPED)		X
Mast Tilt Indicator - Mechanical		X
98.5" (2500mm) Pin type carriage with mechanical fork locks	X	
98.3" (2500mm) Pin type carriage with simultaneous and independent fork positioner*	X	



# FEATURES AND OPTIONS <

98.3" (2500mm) Pin type apron style sideshift carriage with mechanical fork locks		X
98.3" (2500mm) Pine type pron style sideshift carriage with simultaneous fork positioner		X
98.3" (2500mm) Pin type apron style sideshift carriage with simultaneous and independent fork positioner (only for 3-stage mast)		X
98.3" (2500mm) QD Hook type dual function sideshift carriage with simultaneous and Independent fork positioner		X
98.3" (2500mm) QD Hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions		X
71" (1800mm) High load backrest (for 3-stage mast)		X
80" (2040mm) High load backrest		X
98" (2500mm) High load stabilizer (for lumber applications)		X
72" Long x 3.5" Thick x 7.9" Wide (1830mm x 90mm x 200mm) Forks	X	
96" Long x 3.5" Thick x 7.9" Wide (2440mm x 90mm x 200mm) Forks (Note: standard on H210-250/48 models only)	X	
Pin type forks (various sizes)		X
Pin type forks for lumber applications		X
Hook type quick disconnect DFSSFP forks (various sizes)		X
<b>ERGONOMICS</b>	<b>STD</b>	<b>OPT</b>
Open module operator compartment (without doors & screens)	X	
Full steel cab operator compartment		X
Powered tilt operator compartment for service		X
Manual tilt operator compartment for service	X	
Isolated mounting for low noise and vibration	X	
Operator presence system	X	
Mechanical suspension seat	X	
Deluxe air suspension seat		X
Low backrest seat	X	
High backrest seat		X
Cloth seat cover		X
Vinyl seat cover	X	
Seat heating		X
2-point high visibility seatbelt	X	
3-point high visibility seatbelt		X
Floor mat	X	
Coat hook	X	
Front, top and rear wipers		X
"H"-pattern front wiper		X
"I"-pattern front wiper		X
Front and rear window defrosters		X
Laminated glass operator compartment front window		X
Tinted operator compartment windows (all)		X
Tinted operator compartment top window		X
Rain top	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
Multifunction display panel	X	
Mini-lever and rocker switch hydraulic control (integrated in arm rest)	X	
Seat-side joystick hydraulic control		X
Steering wheel without spinner knob	X	
Steering wheel with spinner knob		X
Directional control lever		X
Hyster Monotrol pedal directional control	X	
Directional control switch (integrated in arm rest)		X
Self-setting park brake		X
Manual park brake	X	
Interior wide angle mirrors	X	
Heater with 3 speed fan		X
Diesel fueled cabin heater		X
Telescoping & tilting steering column	X	

DC/DC converter 24 volt/12 volt with socket		X	
DC/DC converter 24 volt/12 volt 2nd 12 volt socket			X
Heavy duty air conditioning			X
Reading light			X
Sun shades on top and rear			X
Trainer seat			X
Recirculation fan			X
Additional operator fan			X
Rear locking console			X
Accessory mounting post			X
Rear locking console in cab			X
Heated top window			X
Radio preparation set-up (wiring, two speakers and antenna)			X
<b>VISIBILITY</b>	<b>STD</b>	<b>OPT</b>	
Exterior mirrors mounted to cab			X
Rear view camera 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
Turn signals, hazard & marker lights (LED)	X		
<b>OPERATION</b>	<b>STD</b>	<b>OPT</b>	
Electric air horn 105 dBA	X		
Visible alarm – Amber strobe light, key switch activated			X
Audible alarm – Reverse direction activated 82–102 dB(A), self-adjusting			X
Forward / reverse motion alarm			X
Seatbelt interlock for engine start and truck operation			X
Hydraulic load weighing system			X
Tire pressure monitoring system			X
Lockable battery disconnect switch			X
Battery jump start connector (NATO plug)			X
"Empty seat" engine shutdown			X
Key switch start	X		
Key switch start with interlock			X
Electric circuit breakers instead of fuses			X
Non-lockable fuel cap	X		
Lockable fuel cap			X
Diesel fuel inlet strainer in filler neck			X
Hyster Tracker wireless asset management system	X		
Hyster Tracker wireless asset management - Access / Verification			X
Hyster Tracker wireless asset management - Monitoring			X
Auto greasing system for basic truck & outer mast			X
Auto greasing system for base truck			X
24 volt electrical system	X		
Engine block heater 110 & 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
<b>SUPPLEMENTAL</b>	<b>STD</b>	<b>OPT</b>	
Literature package	X		
Operator's manual	X		
CE certification			X

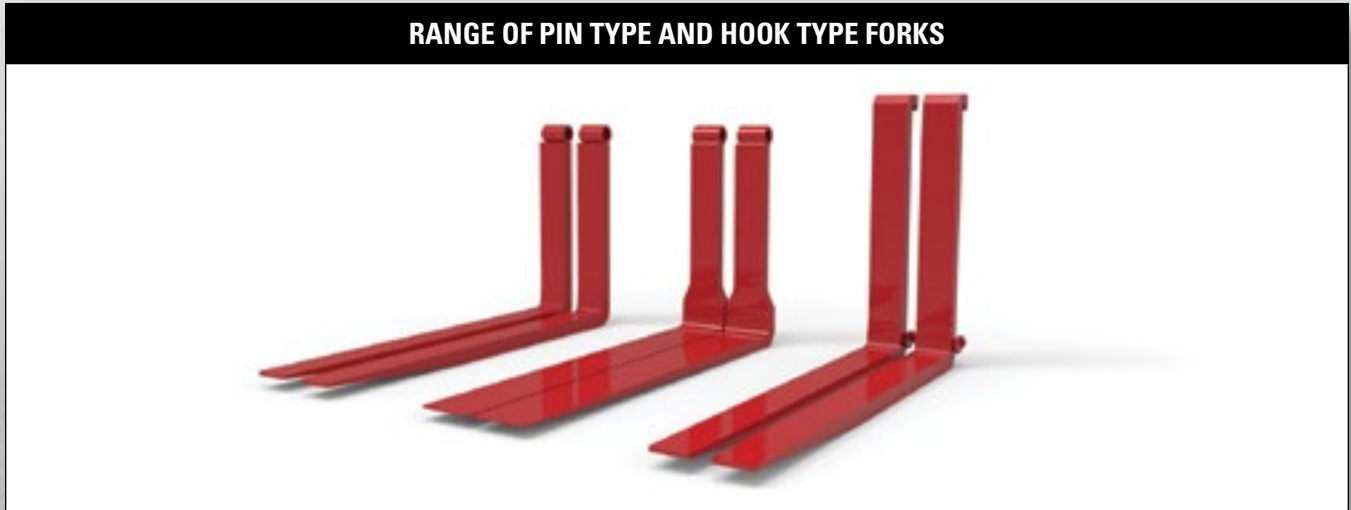
\*Standard or optional in selected markets. Other options available through Special Products Engineering Department (SPED). Contact your local Hyster® dealer for details.

**> FRONT END EQUIPMENT**

**RANGE OF 2 STAGE NFL MASTS**



**RANGE OF PIN TYPE AND HOOK TYPE FORKS**

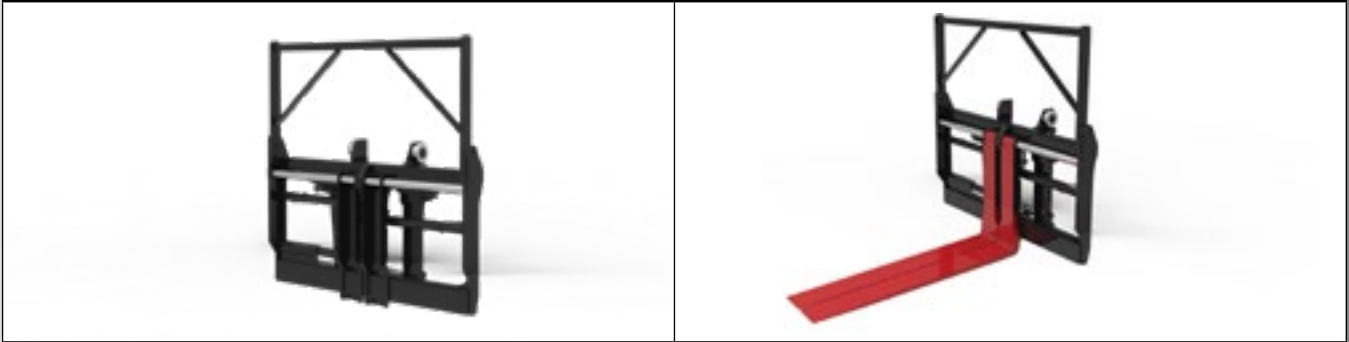


**98.5" PIN TYPE STANDARD CARRIAGE**





## 98.5" PIN TYPE APRON STYLE SIDESHIFT CARRIAGE WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER (FOR LUMBER APPLICATIONS)



## 98.5" PIN TYPE CARRIAGE WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER



## 98.5" PIN TYPE APRON STYLE SIDESHIFT CARRIAGE



## 98.5" QD HOOK TYPE DUAL FUNCTION SIDESHIFT WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER








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9/2018 Litho in U.S.A.

Visit us online at [www.hyster.com](http://www.hyster.com) or call us at **1-800-HYSTER-1**.

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