



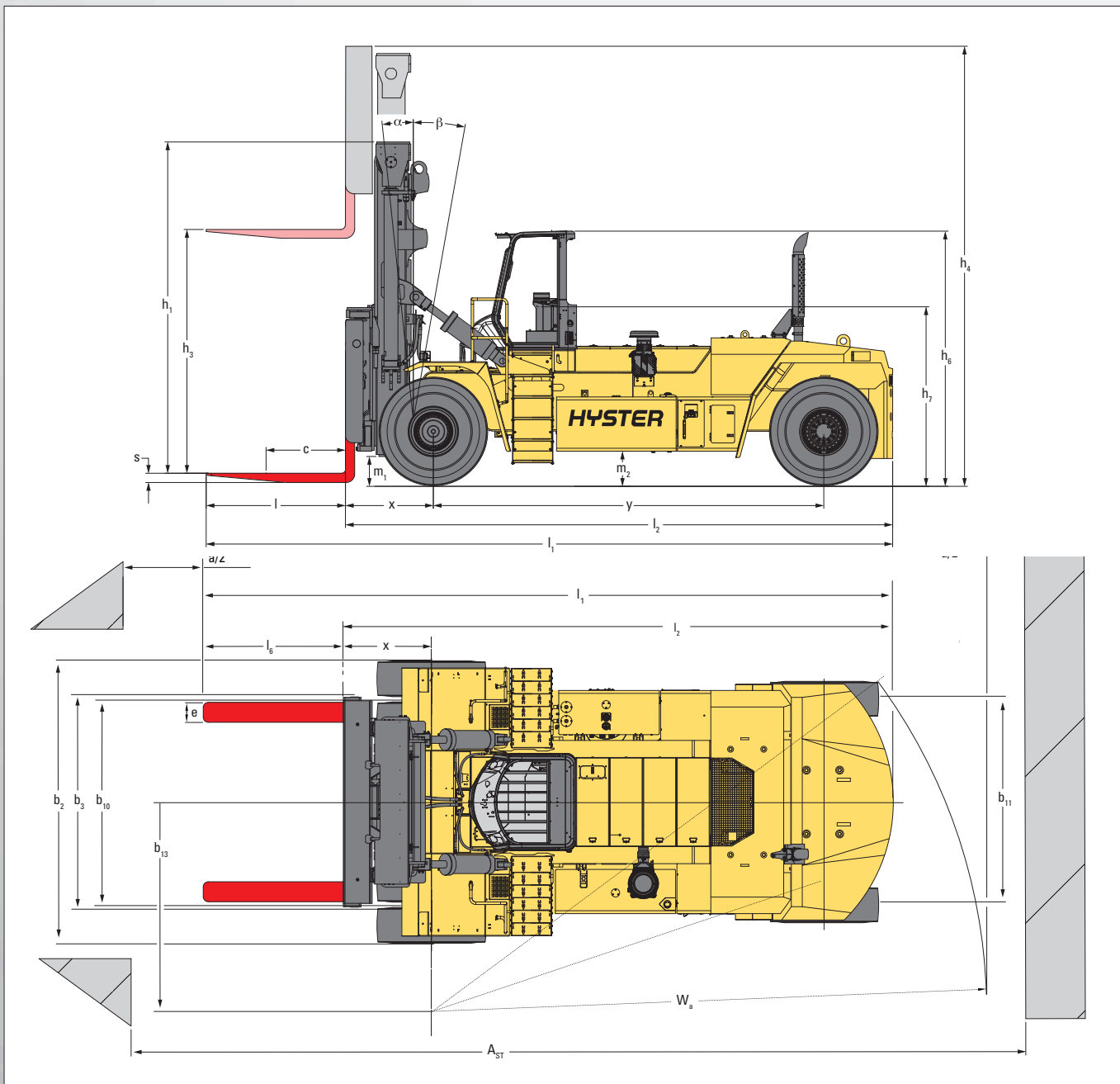
**STRONG PARTNERS.  
TOUGH TRUCKS.™**



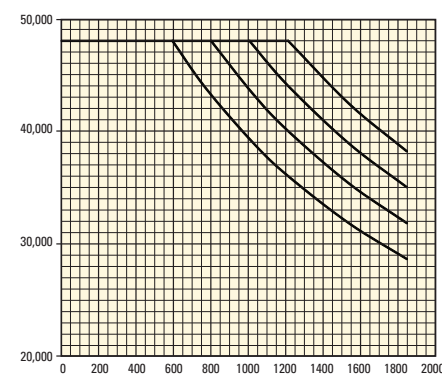
# **H36-48XM(S)-12 SERIES TECHNICAL GUIDE**



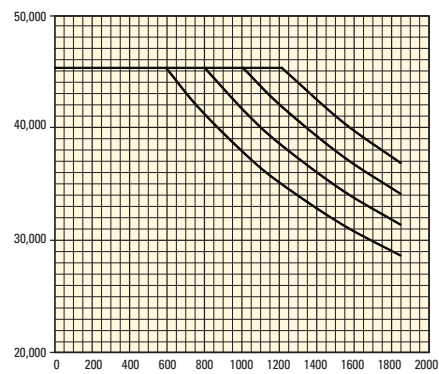
**WWW.HYSTER.COM**



**PIN TYPE CARRIAGE**



**PIN TYPE SIDE SHIFT FRAME CARRIAGE**



Ratings are for the basic truck equipped with mast 7010 mm lift height (BOF), standard carriage and forks. Only applicable for 18.00 - 25 tyres. The ratings are computed using fork lengths as follows: 0 to 1200 mm Load centre 2440 mm fork length

**H36XMS-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	36,280	6 / 10	34,340
	7,150	6,554	0	10,059	6 / 10	36,100	6 / 10	33,890
	8,647	7,316	0	11,583	6 / 10	35,120	6 / 10	32,970
	9,284	7,621	0	12,193	6 / 10	34,720	6 / 10	32,590
	9,894	7,926	0	12,803	6 / 10	34,310	6 / 10	32,180
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

**H40XMS-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	40,820	6 / 10	39,000
	7,150	6,554	0	10,059	6 / 10	40,820	6 / 10	38,550
	8,647	7,316	0	11,583	6 / 10	40,620	6 / 10	38,280
	9,284	7,621	0	12,193	6 / 10	40,200	6 / 10	37,870
	9,894	7,926	0	12,803	6 / 10	39,750	6 / 10	37,460
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

**H44XMS-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	44,000	6 / 10	41,980
	7,150	6,554	0	10,059	6 / 10	44,000	6 / 10	41,530
	8,647	7,316	0	11,583	6 / 10	43,700	6 / 10	41,260
	9,284	7,621	0	12,193	6 / 10	43,600	6 / 10	41,160
	9,894	7,926	0	12,803	6 / 10	43,150	6 / 10	40,730
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

**H40XMS-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	48,070	6 / 10	46,560
	7,150	6,554	0	10,059	6 / 10	48,070	6 / 10	46,110
	8,647	7,316	0	11,583	6 / 10	48,070	6 / 10	45,840
	9,284	7,621	0	12,193	6 / 10	48,070	6 / 10	45,740
	9,894	7,926	0	12,803	6 / 10	47,710	6 / 10	45,310
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

**H40XM-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	40,000	6 / 10	38,350
	7,150	6,554	0	10,059	6 / 10	40,000	6 / 10	37,900
	8,647	7,316	0	11,583	6 / 10	40,000	6 / 10	37,600
	9,284	7,621	0	12,193	6 / 10	39,600	6 / 10	37,200
	9,894	7,926	0	12,803	6 / 10	39,250	6 / 10	36,750
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

**H44XM-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	44,000	6 / 10	42,500
	7,150	6,554	0	10,059	6 / 10	44,000	6 / 10	42,000
	8,647	7,316	0	11,583	6 / 10	44,000	6 / 10	41,750
	9,284	7,621	0	12,193	6 / 10	44,000	6 / 10	41,650
	9,894	7,926	0	12,803	6 / 10	43,600	6 / 10	41,200
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

**H48XM-12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE**

	Lift height $h_3 + s$ (mm)	Lowered height $h_1$ (mm)	Free lift height $h_2 + s$ (m)	Extended height $h_4$ (mm)	Pin Type carriage with independent Fork Positioner		Pin Type Side Shift frame carriage with independent Fork Positioner	
					Mast tilt (°)	Capacity (kg)	Mast tilt (°)	Capacity (kg)
2 STAGE NFL	4,407	5,183	0	7,316	6 / 10	48,000	6 / 10	46,200
	7,150	6,554	0	10,059	6 / 10	48,000	6 / 10	45,750
	8,647	7,316	0	11,583	6 / 10	48,000	6 / 10	45,450
	9,284	7,621	0	12,193	6 / 10	48,000	6 / 10	45,350
	9,894	7,926	0	12,803	6 / 10	47,650	6 / 10	44,900
	12,790	9,454	0	15,779	15 / 15	TBA	15 / 15	TBA

> H36XMS-12/H40XMS-12/H44XMS-12/H48XMS-12 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER		HYSTER		HYSTER		HYSTER	
	1-2	Model designation			H36XMS-12		H40XMS-12		H44XMS-12		H48XMS-12	
	1-3	Drive			Diesel		Diesel		Diesel		Diesel	
	1-4	Operator type			Seated		Seated		Seated		Seated	
	1-5	Load capacity, nominal (1)	Q	kg	36,000		40,000		44,000		48,000	
	1-6	Load center distance	c <sub>1</sub>	mm	1,200		1,200		1,200		1,200	
	1-8	Load distance, centre of drive axle to fork	x	mm	1,255		1,255		1,255		1,255	
	1-9	Wheelbase	y	mm	5,385		5,385		5,385		5,385	
	2-1	Service weight (6)		kg	52,385		55,525		57,754		60,963	
WT.	2-2	Axle loading with load, front / rear		kg	83,965	4,702	90,707	5,634	95,398	6,347	101,653	7,382
	2-3	Axle loading without load, front / rear		kg	31,083	21,302	31,215	24,310	31,279	26,475	31,585	29,378
WHEELS	3-1	Tyre type			Pneumatic		Pneumatic		Pneumatic		Pneumatic	
	3-2	Tyre size, front (5)			18.00-25 40PR		18.00-25 40PR		18.00-25 40PR		18.00-25 40PR	
	3-3	Tyre size, rear			18.00-25 40PR		18.00-25 40PR		18.00-25 40PR		18.00-25 40PR	
	3-5	Wheels, number front / rear (x = driven wheels)			x 4 / 2		x 4 / 2		x4 / 2		x4 / 2	
	3-6	Tread, front	b <sub>10</sub>	mm	3,703		3,703		3,703		3,703	
	3-7	Tread, rear	b <sub>11</sub>	mm	3,020		3,020		3,020		3,020	
DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	6° / 10°		6° / 10°		6° / 10°		6° / 10°	
	4-2	Height, mast lowered (2)	h <sub>1</sub>	mm	5,183		5,183		5,183		5,183	
	4-3	Free lift	h <sub>2</sub>	mm	0		0		0		0	
	4-4	Lift (3)	h <sub>3</sub>	mm	4,267		4,267		4,267		4,267	
	4-5	Height, mast extended	h <sub>4</sub>	mm	7,316		7,316		7,316		7,316	
	4-7	Height of overhead guard / steel cab	h <sub>6</sub>	mm	3,880	3,916	3,880	3,916	3,880	3,916	3,880	3,916
	4-7-1	Cab height without airco / with airco	h <sub>6</sub>	mm	3,916	3,949	3,916	3,949	3,916	3,949	3,916	3,949
	4-7-2	Cab height w/o airco w/ strobe light	h <sub>6</sub>	mm	4,084		4,084		4,084		4,084	
	4-7-3	Cab height w/o airco w/ cab mounted work lights	h <sub>6</sub>	mm	4,107		4,107		4,107		4,107	
	4-8	Seat height to SIP (4)	h <sub>7</sub>	mm	2,700		2,700		2,700		2,700	
	4-12	Coupling height	h <sub>10</sub>	mm	NA		NA		NA		NA	
	4-19	Overall length	l <sub>1</sub>	mm	10,123		10,123		10,123		10,123	
	4-20	Length to load face of attachment	l <sub>2</sub>	mm	7,683		7,683		7,683		7,683	
	4-21	Overall width	b <sub>2</sub>	mm	4,200		4,200		4,200		4,200	
	4-22	Fork dimensions ISO 2331	s/e/l	mm	140 / 300 / 2.440		140 / 300 / 2.440		140 / 300 / 2.440		140 / 300 / 2.440	
	4-23	Carriage type			Quick Disconnect Pin type with individual fork positioner		Quick Disconnect Pin type with individual fork positioner		Quick Disconnect Pin type with individual fork positioner		Quick Disconnect Pin type with individual fork positioner	
	4-24	Fork carriage width	b <sub>3</sub>	mm	3,150		3,150		3,150		3,150	
	4-25	Distance over fork arms, minimum / maximum	b <sub>5</sub>	mm	1,509	2,855	1,509	2,855	1,509	2,855	1,509	2,855
	4-30	Sideshift @ width over forks	b <sub>8</sub>	mm	+/- 305		+/- 305		+/- 305		+/- 305	
	4-31	Ground clearance, laden, below mast	m <sub>1</sub>	mm	371		371		371		371	
	4-32	Ground clearance, center or wheelbase	m <sub>2</sub>	mm	442		442		442		442	
	4-33	Load dimension b <sub>12</sub> x l <sub>6</sub> crossways		mm	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
	4-34-1	Aisle width predetermined load dimensions (a = 10% of Ast)	A <sub>st</sub>	mm	11,831		11,831		11,831		11,831	
	4-34-2	Aisle width predetermined load dimensions (a = 200 mm)	A <sub>st</sub>	mm	10,955		10,955		10,955		10,955	
	4-35	Outside turning radius	W <sub>a</sub>	mm	7,100		7,100		7,100		7,100	
	4-36	Internal turning radius (8)	b <sub>13</sub>	mm	2,760		2,760		2,760		2,760	
PERFORMANCE	5-1	Travel speed, with / without load		km/h	19	20	19	20	19	20	19	20
	5-1-1	Travel speed, with load locked / without load, backwards		m/s	On request		On request		On request		On request	
	5-2	Lifting speed, with / without load		m/s	0.21	0.23	0.21	0.23	0.21	0.23	0.21	0.23
	5-2-1	Lifting speed, with 70% load		m/s	0.22		0.22		0.22		0.22	
	5-3	Lowering speed with / without load		m/s	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
	5-5	Drawbar pull - 1.6 km/h, with / without load (7)		kN	325	331	325	331	324	331	324	331
	5-7	Gradeability - 1.6 km/h, with / without load (9)		%	38	47	37	48	36	45	34	46
	5-8	Gradeability - stall, with / without load (9)		%	38	47	37	48	36	45	34	46
	5-9	Acceleration time, with / without load		sec	On request		On request		On request		On request	

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) Standard fork positioner carriage  
(2) Unladen with new tyres  
(3) Bottom of forks  
(4) Full suspension seat in depressed position

- (5) Front tread centre outer tyre  
(7) Drawbar pull figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle to pull trailers  
(6) Weights are based on the following specifications: complete truck with cab, pneumatic tyres, mast, carriage and forks as specified  
(8) Distance centre truck to centre of internal turning radius  
(9) Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines

H40XM-12/H44XM-12/H48XM-12 SPECIFICATIONS <

GENERAL	1-1	Manufacturer			HYSTER		HYSTER		HYSTER	
	1-2	Model designation			H40XM-12		H44XM-12		H48XM-12	
	1-3	Drive			Diesel		Diesel		Diesel	
	1-4	Operator type			Seated		Seated		Seated	
	1-5	Load capacity, nominal (1)	Q	kg	40,000		44,000		48,000	
	1-6	Load center distance	c <sub>1</sub>	mm	1,200		1,200		1,200	
	1-8	Load distance, centre of drive axle to fork	x	mm	1,255		1,255		1,255	
	1-9	Wheelbase	y	mm	5,900		5,900		5,900	
WT.	2-1	Service weight (6)		kg	50,120		52,350		55,150	
	2-2	Axle loading with load, front / rear		kg	85,070	5,050	90,730	5,620	96,740	6,410
	2-3	Axle loading without load, front / rear		kg	28,730	21,390	28,755	23,595	29,135	26,015
WHEELS	3-1	Tyre type			Pneumatic		Pneumatic		Pneumatic	
	3-2	Tyre size, front (5)			18.00-25 40PR		18.00-25 40PR		18.00-25 40PR	
	3-3	Tyre size, rear			18.00-25 40PR		18.00-25 40PR		18.00-25 40PR	
	3-5	Wheels, number front / rear (x = driven wheels)			x 4 / 2		x4 / 2		x4 / 2	
	3-6	Tread, front	b <sub>10</sub>	mm	3,703		3,703		3,703	
	3-7	Tread, rear	b <sub>11</sub>	mm	3,020		3,020		3,020	
DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	6° / 10°		6° / 10°		6° / 10°	
	4-2	Height, mast lowered (2)	h <sub>1</sub>	mm	5,183		5,183		5,183	
	4-3	Free lift	h <sub>2</sub>	mm	0		0		0	
	4-4	Lift (3)	h <sub>3</sub>	mm	4,267		4,267		4,267	
	4-5	Height, mast extended	h <sub>4</sub>	mm	7,316		7,316		7,316	
	4-7	Height of overhead guard / steel cab	h <sub>6</sub>	mm	3,880	3,916	3,880	3,916	3,880	3,916
	4-7-1	Cab height without airco / with airco	h <sub>6</sub>	mm	3,916	3,949	3,916	3,949	3,916	3,949
	4-7-2	Cab height w/o airco w/ strobe light	h <sub>6</sub>	mm	4,084		4,084		4,084	
	4-7-3	Cab height w/o airco w/ cab mounted work lights	h <sub>6</sub>	mm	4,107		4,107		4,107	
	4-8	Seat height to SIP (4)	h <sub>7</sub>	mm	2,700		2,700		2,700	
	4-12	Coupling height	h <sub>10</sub>	mm	NA		NA		NA	
	4-19	Overall length	l <sub>1</sub>	mm	10,638		10,638		10,638	
	4-20	Length to load face of attachment	l <sub>2</sub>	mm	8,198		8,198		8,198	
	4-21	Overall width	b <sub>2</sub>	mm	4,200		4,200		4,200	
	4-22	Fork dimensions ISO 2331	s/e/l	mm	140 / 300 / 2.440		140 / 300 / 2.440		140 / 300 / 2.440	
	4-23	Carriage type			Quick Disconnect Pin type with individual fork positioner		Quick Disconnect Pin type with individual fork positioner		Quick Disconnect Pin type with individual fork positioner	
	4-24	Fork carriage width	b <sub>3</sub>	mm	3,150		3,150		3,150	
	4-25	Distance over fork arms, minimum / maximum	b <sub>5</sub>	mm	1,509	2,855	1,509	2,855	1,509	2,855
	4-30	Sideshift @ width over forks	b <sub>8</sub>	mm	+/- 305		+/- 305		+/- 305	
	4-31	Ground clearance, laden, below mast	m <sub>1</sub>	mm	371		371		371	
	4-32	Ground clearance, center or wheelbase	m <sub>2</sub>	mm	442		442		442	
	4-33	Load dimension b <sub>12</sub> x l <sub>6</sub> crossways		mm	2,400	2,400	2,400	2,400	2,400	2,400
	4-34-1	Aisle width predetermined load dimensions (a = 10% of Ast)	A <sub>st</sub>	mm	12,591		12,591		12,591	
4-34-2	Aisle width predetermined load dimensions (a = 200 mm)	A <sub>st</sub>	mm	11,646		11,646		11,646		
4-35	Outside turning radius	W <sub>3</sub>	mm	7,791		7,791		7,791		
4-36	Internal turning radius (8)	b <sub>13</sub>	mm	2,963		2,963		2,963		
PERFORMANCE	5-1	Travel speed, with / without load		km/h	19	20	19	20	19	20
	5-1-1	Travel speed, with load locked / without load		m/s	On request		On request		On request	
	5-2	Lifting speed, with / without load		m/s	0.21	0.23	0.21	0.23	0.21	0.23
	5-2-1	Lifting speed, with 70% load		m/s	0.22		0.22		0.22	
	5-3	Lowering speed with / without load		m/s	0.50	0.50	0.50	0.50	0.50	0.50
	5-5	Drawbar pull - 1.6 km/h, with / without load (7)		kN	323	330	323	330	322	330
	5-7	Gradeability - 1.6 km/h, with / without load (9)		%	33	43	32	44	31	41
	5-8	Gradeability - stall, with / without load (9)		%	33	43	32	44	31	41
	5-9	Acceleration time, with / without load		sec	On request		On request		On request	



> POWERTRAINS

GENERAL	1-1	Manufacturer			HYSTER
	1-2	Model designation			H36-48XM(S)-12
	1-3	Drive			Diesel

ENGINE	7-1	Engine manufacturer / model			Cummins / QSL 9
	7-1a	Emission legislation			Stage IV
	7-2	Engine power rated to ISO 1585	kW		261
	7-2-1	Engine power, maximum	kW		283
	7-3	Rated speed	min <sup>-1</sup>		2,100
	7-3-1	Engine torque @rpm	Nm/min <sup>-1</sup>		1,627 @ 1500
	7-4	Number of cylinders / displacement	# / cm³		6 / 8,900
		Turbocharger	Type		Variable geometry, water cooled
	7-8	Alternator output	Amps		120
	7-9	Electrical system voltage	V		24
	7-10	Battery voltage, rated capacity	V / Ah		24 / 102

DRIVE	8-1	Drive control / Transmission		Type / #	Torque Converter
	8-2	Transmission manufacturer / type		Type / #	Dana S.O.H TE 32
	8-4	Transmission speeds forward / backward		#	4 / 4
	8-5	Coupling		Type	Torque Converter
	8-6	Wheel drive / drive axle manufacturer / type		Type / #	KESSLER D102PL341/528
	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		bar	23.5
	10-2	Oil volume for attachments		l/m	90
	10-3	Hydraulic tank capacity		l	660
	10-4	Fuel tank capacity		l	830
	10-4-1	DEF/AdBlue Tank capacity		l	57
	10-5	Steering design			Hydraulic power steering
	10-6	Number of steering rotation			6.0
	10-7	Sound pressure level at driver's seat	Lpaz	dB(A)	74
	10-7-1	Sound pressure level at driver's seat	Lwaz	dB	108

> FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
Cummins QSL 9L diesel engine rated 350 hp Tier 4 / 271 kW Stage IV	X	
Tier 4 / Stage IV compliant	X	
Variable geometry turbocharger, water cooled	X	
Hibernate Idle	X	
Hydraulically driven on-demand cooling fan	X	
120 amp alternator	X	
Powertrain protection system	X	
Heavy duty air intake	X	
Heavy duty air intake (raised)		X
Spicer Off-Highway TE-27 4-speed auto-shifting transmission	X	
Spicer Off-Highway TE-32 4-speed auto-shifting transmission		X
Kessler D102 drive axle with wet disc brakes	X	
DRIVE	STD	OPT
Traction speed limiter - unconditional (adjustable)	X	
Traction speed limiter - loaded (adjustable)		X
18.00-25 40PR Pneumatic drive and steer tyres	X	
18.00-25 40PR Pneumatic Nokian drive and steer tyres		X
18.00-25 40PR Pneumatic Slick drive and steer tyres		X
18.00-25 40PR Pneumatic ELV-4B drive and steer tyres	X	
18.00-R25 Radial Goodyear drive and steer tres		X
18.00-R25 Radial VCHS drive and steer tyres		X
18.00-25 40PR Pneumatic Goodyear drive and steer tyres		X
LIFT	STD	OPT
2 stage Non Free Lift mast	X	
Mast tilt - 6° Forward / 10° Back	X	
Mast tilt - 15° Forward / 15° Back		X
Hydraulic Accumulator		X
Hydraulic system temperature protection with hydraulic shutdown		X
HANDLING	STD	OPT
Short Wheelbase (5385mm / 212")		X
Attachments for steel load handling		X
Mast Tilt Indicator - Mechanical		X
3150mm (124") QD Pin type carriage with individual fork positioning	X	

HANDLING (continued)	STD	OPT
3150mm (124") QD Pin type integral sideshift carriage with individual fork positioning		X
3150mm (124") QD Hook type double function sideshift carriage with individual fork positioning		X
2440mm (96") length Pin type quick disconnect forks	X	
Pin type quick disconnect forks (various sizes)		X
Hook type quick disconnect forks (various sizes)		X
HANDLING	STD	OPT
External wide angle mirrors mounted on rear of front fenders	X	
External wide angle mirrors mounted on top of front fenders		X
Exterior mirrors mounted to cab		X
Rear view camera system		X
Halogen work lights	X	
LED work lights		X
High Performance LED work lights		X
Four Halogen head lights mounted on front fenders	X	
Four LED head lights mounted on front fenders		X
LED stop/tail/brake lights	X	
Turn signals, hazard & marker lights (LED)	X	
ERGONOMICS	STD	OPT
Full steel cab operator compartment	x	
Powered 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
Swivel seat		X







POWERTRAINS <

ERGONOMICS (continued)	STD	OPT
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
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
Steering wheel with spinner knob	X	
Directional control lever	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	
Tilting steering column	X	
DC/DC converter 24 volt/12 volt with socket		X
DC/DC converter 24 volt/12 volt 2nd 12 volt socket		X
Air conditioning		X
Heavy duty air conditioning		X
Climate control		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
OPERATION	STD	OPT
Electric air horn 112 dBA	X	
Visible alarm – Amber strobe light, key switch activated	X	

OPERATION (continued)	STD	OPT
Audible alarm – Reverse direction activated 82–102 dB(A), self-adjusting	X	
Audible alarm – Reverse direction white noise		X
Radar object detection system		X
Forward motion alarm		X
Pedestrian awareness light (continuous)		X
Pedestrian awareness light (directional)		X
Seatbelt interlock for engine start		X
Seatbelt indicator light on top of cab		X
Hydraulic load weighing system		X
Tyre pressure monitoring system		X
Lockable battery disconnect switch	X	
Battery jump start connector (NATO plug)		X
"Empty seat" engine shutdown		X
Key switch start with interlock		X
Electric circuit breakers		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
Auto greasing system for base truck		X
Centralized greasing provision for upper chain sheaves		X
24 volt electrical system	X	
Engine block heater 110 & 230 volt		X
Steer wheel lug nut protection	X	
APPEARANCE	STD	OPT
Hyster yellow paint base truck	X	
Special paint base truck		X
Operator compartment special paint (outside only)		X
Operator compartment special paint (complete cabin)		X
Hazard warning striping on counterweight		X
SUPPLEMENTAL	STD	OPT
Literature package	X	
Operator's manual	X	
CE certification	X	
Warranty: 12 Months / 2,000 Hours manufacturer's warranty	X	

Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.

FRONT END EQUIPMENT <

RANGE OF 2 STAGE NFL MASTS	QUICK DISCONNECT PIN TYPE FORKS	QUICK DISCONNECT HOOK TYPE FORKS (SPED)
		
PIN TYPE CARRIAGE WITH INDEPENDENT FORK POSITIONER	PIN TYPE SIDE SHIFT FRAME CARRIAGE WITH INDEPENDENT FORK POSITIONER	HOOK TYPE DOUBLE FUNCTION SIDESHIFT CARRIAGE WITH INDIVIDUAL FORK POSITIONER (SPED)
		

# STRONG PARTNERS. TOUGH TRUCKS.™

## FOR DEMANDING OPERATIONS, EVERYWHERE.

Hyster supplies a complete range of warehouse equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Hyster is committed to being much more than a lift truck supplier.

Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: Whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.



### HYSTER EUROPE

Centennial House, Frimley Business Park, Frimley, Surrey, GU16 7SG, England.

Tel: +44 (0) 1276 538500



[www.hyster.eu](http://www.hyster.eu)



[infoeurope@hyster.com](mailto:infoeurope@hyster.com)



[/HysterEurope](https://www.facebook.com/HysterEurope)



[@HysterEurope](https://twitter.com/HysterEurope)





[/HysterEurope](https://www.youtube.com/HysterEurope)



HYSTER-YALE UK LIMITED trading as Hyster Europe. Registered Address: Centennial House, Building 4.5, Frimley Business Park, Frimley, Surrey GU16 7SG, United Kingdom.

Registered in England and Wales. Company Registration Number: 02636775.

©2018 HYSTER-YALE UK LIMITED, all rights reserved. HYSTER, , STRONG PARTNERS. TOUGH TRUCKS., MONOTROL and  are trademarks of HYSTER-YALE Group, Inc. Cummins is a trademark of Cummins Inc. Spicer Off-Highway is a trademark of Dana Inc. Kessler is a trademark of Kessler & Co. GmbH & Co. KG. Nokian is a trademark of Nokian Tyres Oyj. Goodyear is a trademark of The Goodyear Tire & Rubber Company.

Hyster products are subject to change without notice. Forklift trucks illustrated may feature optional equipment.