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TOUGH TRUCKS.™**

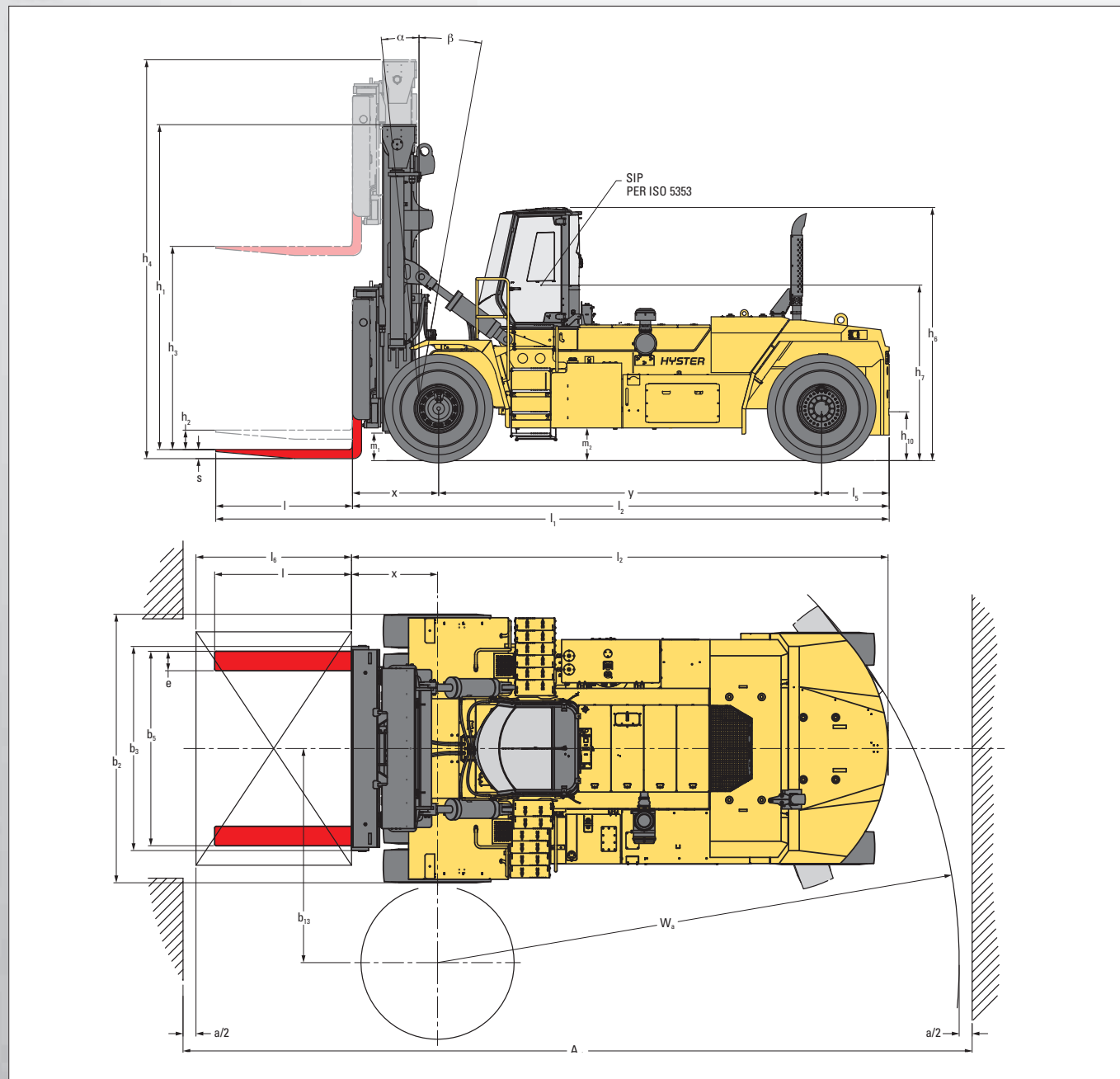


H36-48XD(S)- 12 SERIES TECHNICAL GUIDE



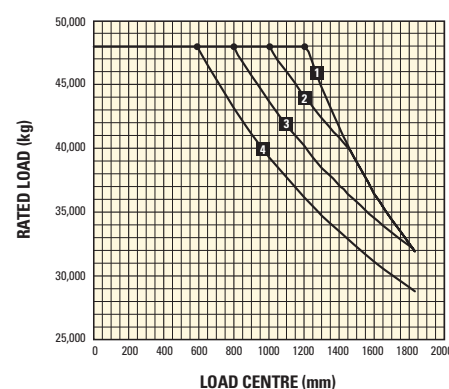
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> DIMENSIONS



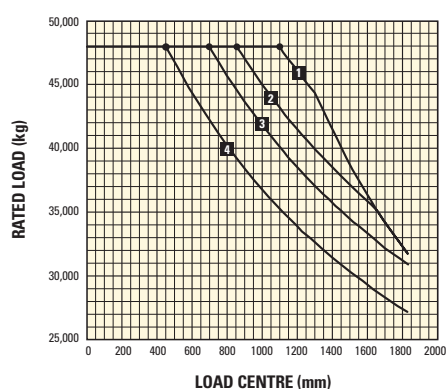
> CAPACITY RATINGS

STANDARD CARRIAGE WITH FORK POSITIONING



- 1 H48XDS12 / H48XD12
- 2 H44XDS12 / H44XD12
- 3 H40XDS12 / H40XD12
- 4 H36XDS12

PIN TYPE SIDE SHIFT FRAME CARRIAGE WITH FORK POSITIONING



- 1 H48XDS12 / H48XD12
- 2 H44XDS12 / H44XD12
- 3 H40XDS12 / H40XD12
- 4 H36XDS12

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.

MAST AND CAPACITY INFORMATION <

H36XDS12 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

H40XDS12 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

H44XDS12 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

H48XDS12 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

H40XD12 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

H44XD12 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

H48XD12 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

> H36XDS12/H40XDS12/H44XDS12/H48XDS12 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER		HYSTER		HYSTER		HYSTER	
	1-2	Model designation			H36XDS12		H40XDS12		H44XDS12		H48XDS12	
	1-3	Drive			Diesel							
	1-4	Operator type			Seated							
	1-5	Rated capacity/rated load - Std / SS (1)	Q	kg	36,000	34,500	40,000	39,000	44,000	42,600	48,000	46,500
	1-6	Load centre distance	c ₁	mm	1,200							
	1-8	Load distance, centre of drive axle to fork - Std / SS (2)	x	mm	1252 / 1328							
	1-9	Wheelbase	y	mm	5,385							
	WEIGHT	2-1	Service weight		kg	52,392		55,525		57,754		60,963
2-2		Axle loading laden, front / rear		kg	83,353	5,039	89,287	6,245	95,147	6,615	101,699	7,063
2-3		Axle loading unladen, front / rear		kg	30,980	21,412	31,094	24,437	31,135	26,626	31,868	28,893
WHEELS	3-1	Tyres: L=pneumatic, V=solid, SE=Pneumatic Shape Solid			L							
	3-2	Tyre size, front			18.00-25 40PR							
	3-3	Tyre size, rear			18.00-25 40PR							
	3-5	Wheels, number front / rear (x = driven wheels)			x 4 / 2							
	3-6	Track width, front	b ₁₀	mm	3,113							
	3-7	Track width, rear	b ₁₁	mm	3,077							
	DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	6° / 10°						
4-2		Height, mast lowered (unloaded) (2)	h ₁	mm	5,156							
4-3		Free lift	h ₂	mm	0							
4-4		Lift height (bottom of forks)	h ₃	mm	4,267							
4-5		Height, mast extended	h ₄	mm	7,290							
4-7-1		Height of overhead guard (top of wiper) - w/o AC / w/ AC	h ₆	mm	3,904 / 3,904							
4-7-2		Height of strobe light - w/o AC / w/ AC	h ₆	mm	3,999 / 4,029							
4-7-3		Height of cab mounted drive lights	h ₆	mm	4,060							
4-8		Seat height to SIP, ISO 535	h ₇	mm	2,680							
4-12		Coupling height	h ₁₀	mm	750							
4-17		Overhang (rear)	l ₅	mm	1,053							
4-19		Overall length - Std / SS (2)	l ₁	mm	10,132 / 10,208							
4-20		Length to load face of forks - Std / SS (2)	l ₂	mm	7,692 / 7,768							
4-21		Overall width	b ₂	mm	4,233							
4-22		Fork dimensions ISO 2331	s/e/l	mm	140 / 300 / 2,440							
4-23-1		Carriage type			Standard carriage w/hydraulic fork positioning							
4-23-2		Carriage type - Optional			Apron sideshift carriage w/hydraulic fork positioning							
4-24		Carriage width	b ₃	mm	3,150							
4-25		Width over forks	b ₅	mm	1,666 / 3,008							
4-30		Sideshift	b ₈	mm	0 / +/-305							
4-31		Ground clearance, laden, below mast	m ₁	mm	371							
4-32		Ground clearance, centre of wheelbase	m ₂	mm	452							
4-33		Load size	b ₁₂ / l ₆	mm	2,400 / 2,400							
4-34		Aisle width (a=0) (2)	A _{st}	mm	11,132 / 11,208							
4-34-1		Aisle width (a=10%) (2)	A _{st}	mm	12,245 / 12,329							
4-34-2		Aisle width (a=200) (2)	A _{st}	mm	11,332 / 11,408							
PERFORMANCE		4-35	Outer turning radius	W _a	mm	7,480						
	4-36	Internal turning radius (centre of radius to centreline truck)	b ₁₃	mm	3,011							
	5-1	Travel speed, laden/unladen (3)		km/h	25.0 / 25.0							
	5-1-1	Travel speed, laden/unladen, backwards		km/h	19.6 / 20.7							
	5-2	Lifting speed, laden/unladen		m/s	TBD / TBD							
	5-2-1	Lifting speed with 70% load		m/s	TBD							
	5-3	Lowering speed, laden/unladen		m/s	TBD / TBD							
	5-5	Drawbar pull, laden/unladen @ 1.6 km/hour		kN	253 / 259		251 / 258		250 / 258		249 / 257	
	5-5-1	Drawbar pull, laden/unladen @ stall		kN	267 / 273		266 / 273		265 / 272		263 / 272	
	5-7	Gradeability, laden/unladen @ 1.6 km/hour		%	29.1 / 39.5		26.7 / 37.5		24.9 / 36.2		23.1 / 35.2	
5-8	Gradeability, laden/unladen @ stall		%	30.8 / 39.5		28.3 / 37.5		26.4 / 36.2		24.5 / 35.2		
5-9	Acceleration time (over 50m), laden/unladen		sec	TBD / TBD								
5-10	Service brake			Oil immersed disk, hydraulically activated								

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) Please contact your dealer for capacity for sideshift carriage i.c.w. 18x33 tyres
(2) Add 100 mm to values of SS carriage for SS carriage i.c.w. 18x33 tyres
(3) Factory speed limit set to 25 km/h

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.



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

Specification data is based on VDI 2198.

H40XD12/H44XD12/H48XD12 SPECIFICATIONS <

GENERAL	1-1	Manufacturer			HYSTER		HYSTER		HYSTER		
	1-2	Model designation			H40XD12		H44XD12		H48XD12		
	1-3	Drive			Diesel						
	1-4	Operator type			Seated						
	1-5	Rated capacity/rated load - Std / SS (1)	Q	kg	40,000	38,500	44,000	42,600	48,000	46,450	
	1-6	Load centre distance	c ₁	mm	1,200						
	1-8	Load distance, centre of drive axle to fork - Std / SS (2)	x	mm	1252 / 1328						
	1-9	Wheelbase	y	mm	5,900						
	WEIGHT	2-1	Service weight		kg	52,807		55,947		57,377	
2-2		Axle loading laden, front / rear		kg	87,743	5,063	93,509	6,438	99,106	6,270	
2-3		Axle loading unladen, front / rear		kg	31,136	21,670	31,241	24,706	31,178	26,199	
WHEELS	3-1	Tyres: L=pneumatic, V=solid, SE=Pneumatic Shape Solid			L						
	3-2	Tyre size, front			18.00-25 40PR						
	3-3	Tyre size, rear			18.00-25 40PR						
	3-5	Wheels, number front / rear (x = driven wheels)			x 4 / 2						
	3-6	Track width, front	b ₁₀	mm	3,113						
	3-7	Track width, rear	b ₁₁	mm	3,077						
	DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	6° / 10°					
4-2		Height, mast lowered (unloaded) (2)	h ₁	mm	5,156						
4-3		Free lift	h ₂	mm	0						
4-4		Lift height (bottom of forks)	h ₃	mm	4,267						
4-5		Height, mast extended	h ₄	mm	7,290						
4-7-1		Height of overhead guard (top of wiper) - w/o AC / w/ AC	h ₆	mm	3,904 / 3,904						
4-7-2		Height of strobe light - w/o AC / w/ AC	h ₆	mm	3,999 / 4,029						
4-7-3		Height of cab mounted drive lights	h ₆	mm	4,060						
4-8		Seat height to SIP, ISO 535	h ₇	mm	2,680						
4-12		Coupling height	h ₁₀	mm	750						
4-17		Overhang (rear)	l ₅	mm	1,053						
4-19		Overall length - Std / SS (2)	l ₁	mm	10,647 / 10,723						
4-20		Length to load face of forks - Std / SS (2)	l ₂	mm	8,207 / 8,283						
4-21		Overall width	b ₂	mm	4,233						
4-22		Fork dimensions ISO 2331	s/e/l	mm	140 / 300 / 2,440						
4-23-1		Carriage type			Standard carriage w/hydraulic fork positioning						
4-23-2		Carriage type - Optional			Apron sideshift carriage w/hydraulic fork positioning						
4-24		Carriage width	b ₃	mm	3,150						
4-25		Width over forks	b ₅	mm	1,666 / 3,008						
4-30		Sideshift	b ₈	mm	0 / +/-305						
PERFORMANCE		4-31	Ground clearance, laden, below mast	m ₁	mm	371					
		4-32	Ground clearance, centre of wheelbase	m ₂	mm	452					
	4-33	Load size	b ₁₂ /l ₆	mm	2,400 / 2,400						
	4-34	Aisle width (a=0) (2)	A _{st}	mm	11,702 / 11,778						
	4-34-1	Aisle width (a=10%) (2)	A _{st}	mm	12,872 / 12,956						
	4-34-2	Aisle width (a=200) (2)	A _{st}	mm	11,902 / 11,978						
	4-35	Outer turning radius	W _a	mm	8,050						
	4-36	Internal turning radius (centre of radius to centreline truck)	b ₁₃	mm	3,298						
	5-1	Travel speed, laden/unladen (3)		km/h	25.0 / 25.0						
	5-1-1	Travel speed, laden/unladen, backwards		km/h	19.6 / 20.7						
	5-2	Lifting speed, laden/unladen		m/s	TBD / TBD						
	5-2-1	Lifting speed with 70% load		m/s	TBD						
	5-3	Lowering speed, laden/unladen		m/s	TBD / TBD						
5-5	Drawbar pull, laden/unladen @ 1.6 km/hour		kN	252 / 259		251 / 258		250 / 258			
5-5-1	Drawbar pull, laden/unladen @ stall		kN	266 / 273		265 / 273		264 / 272			
5-7	Gradeability, laden/unladen @ 1.6 km/hour		%	27.5 / 40.4		25.4 / 38.4		23.9 / 37.4			
5-8	Gradeability, laden/unladen @ stall		%	39.2 / 40.4		26.9 / 38.4		25.4 / 37.4			
5-9	Acceleration time (over 50m), laden/unladen		sec	TBD / TBD							
5-10	Service brake			Oil immersed disk, hydraulically activated							

> POWERTRAINS

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

ENGINE - STAGE IIIA 224kW	7-1	Engine manufacturer / model			Cummins	QSM 11L
	7-1a	Emission legislation			Stage IIIA	
	7-2	Engine power according to ISO 1585 nominal	kW/min-1	224		2,100
	7-2-1	Engine power according to ISO 1585 maximum	kW/min-1	224		1,800
	7-3	Rated speed	l/min-1		2,100	
	7-3-1	Engine torque @rpm	Nm/min-1	1,424		1,400
	7-4	Number of cylinders / displacement	# / cm ³	6		10,800
	7-5	Fuel consumption in accordance to VDI cycle	l/h		On request	
	7-8	Alternator output, idle / rated	A	65		120
	7-9	Electrical system voltage	V		24	
	7-10	Battery voltage / nominal capacity	V / Ah	(2x) 12		(2x) 105

ENGINE - STAGE IIIA 250kW	7-1	Engine manufacturer / model			Cummins	QSM 11L
	7-1a	Emission legislation			Stage IIIA	
	7-2	Engine power according to ISO 1585 nominal	kW/min-1	250		2,100
	7-2-1	Engine power according to ISO 1585 maximum	kW/min-1	272		1,800
	7-3	Rated speed	l/min-1		2,100	
	7-3-1	Engine torque @rpm	Nm/min-1	1,674		1,400
	7-4	Number of cylinders / displacement	# / cm ³	6		10,800
	7-5	Fuel consumption in accordance to VDI cycle	l/h		On request	
	7-8	Alternator output, idle / rated	A	65		120
	7-9	Electrical system voltage	V		24	
	7-10	Battery voltage / nominal capacity	V / Ah	(2x) 12		(2x) 105

DRIVE	8-1	Type of drive unit				Torque Converter
	8-2	Transmission Manufacturer / Type				Spicer Off-Highway TE-30
	8-6	Drive axle Manufacturer / Type				Kessler D102PL341/528-NLB
	8-10	Transfer of power				Hydraulically
	8-11	Service brake				Oil-immersed / wet disc
	8-12	Parking brake				Dry disc on drive axle

ADDITIONAL DATA	10-1	Operating pressure for attachments	bar	225		
	10-2	Oil flow for attachments	l/min	110		
	10-3	Hydraulic tank capacity	l	625		
	10-4	Fuel tank capacity	l	855		
	10-5	Steering design		Hydraulic power steering		
	10-6	Number of steering rotation		7.3		
	10-8	Towing coupling, model / type		Pin		
	10-9	Localised work illumination		108		

> FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
Cummins QSM 11L diesel engine rated 300 hp Tier 3 / 224 kW Stage IIIA	X	
Cummins QSM 11L diesel engine rated 335 hp Tier 3 / 250 kW Stage IIIA		X
Tier 3 / Stage IIIA compliant	X	
Wastegate turbocharger	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-30 5-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 40 Pneumatic Bias Tyres		X
18.00 - 25 40PR Pneumatic Bridgestone STMS Slick Bias Tyres		X
18.00 x 25 Pneumatic Goodyear Bias Tyres	X	
18.00 x 25-40 Pneumatic, E4 Bias Tyres		X
18.00 x 25 Pneumatic Goodyear Slick Radial Tyres		X
18.00 x 25 Continental Container Master E4 Tyres	X	
Spare wheels and 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 performance de-rate		X
Automatic throttle up when lifting (in neutral or inching) (1)	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	
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
ERGONOMICS	STD	OPT
Enclosed operator cabin	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	







FEATURES AND OPTIONS <

ERGONOMICS (continued)	STD	OPT
Interior dome light	X	
Front, top and rear wipers	X	
"H"-pattern front wiper		X
"I"-pattern front wiper	X	
Front and rear window defrosters	X	
Right side door	X	
Wire mesh installed on top of operator compartment		X
7" Integrated Performance Display	X	
Touchpoint™ mini levers hydraulic control integrated in control arm	X	
Joystick hydraulic control integrated in control arm		X
Steering wheel with spinner knob	X	
Directional control lever on steering column		X
Standard directional on control switch	X	
Directional control on joystick		X
Park brake - push button applied	X	
Park brake - automatically applied		X
Interior wide angle mirrors	X	
Heater with adjustable speed fan	X	
Telescoping & tilting steering column	X	
USB outlet inside armrest	X	
24-12 volt DC converter with 1 socket and 2 USB outlets		X
24-12 volt DC converter with 2 sockets and 2 USB outlets		X
Enclosed Operator Cabin with Automatic Climate Control	X	
Reading light		X
Sun shades on top and rear		X
Sun visors front window		X
Cloth trainer seat with 2-point seatbelt	X	
Recirculation fan		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 with 2 speakers and antenna		X
VISIBILITY	STD	OPT
Top window with armoured glass		X
Steel bars under armoured glass top window - enclosed operator cabin		X
Exterior mirrors mounted to handrails	X	
Rear view camera system		X
Radar object detection system		X
Halogen work lights	X	
High performance LED work lights		X
Two halogen head lights mounted on front fenders	X	
Two LED head lights mounted on front fenders		X
Four halogen head lights mounted on front fenders		X
Four LED head lights mounted on front fenders		X
Four cabin mounted work lights	X	
Two rearward work lights mounted on the cabin	X	
LED stop/tail/brake lights	X	

OPERATION	STD	OPT
Turn signals, hazard & marker lights (LED)	X	
Electric air horn 112 dBA	X	
Visible alarm – Amber strobe light, key switch activated	X	
Audible alarm – Reverse direction activated 82–102 dB(A), self-adjusting	X	
Audible alarm – Reverse direction white noise		X
Forward motion alarm		X
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
Centralised greasing provision for upper chain sheaves		X
24 volt electrical system	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: 24 Months / 4,000 Hours Parts & Manufacturer's Warranty		X
Warranty: 12 Months / 2,000 Hours Parts & 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)
		

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