

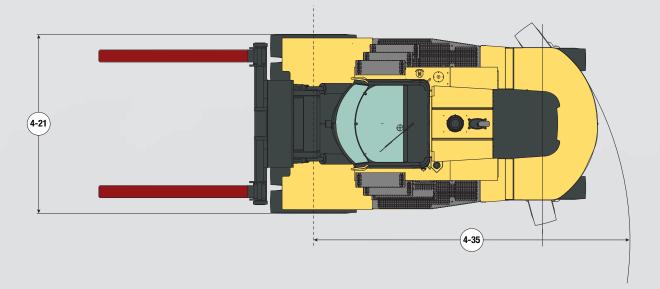


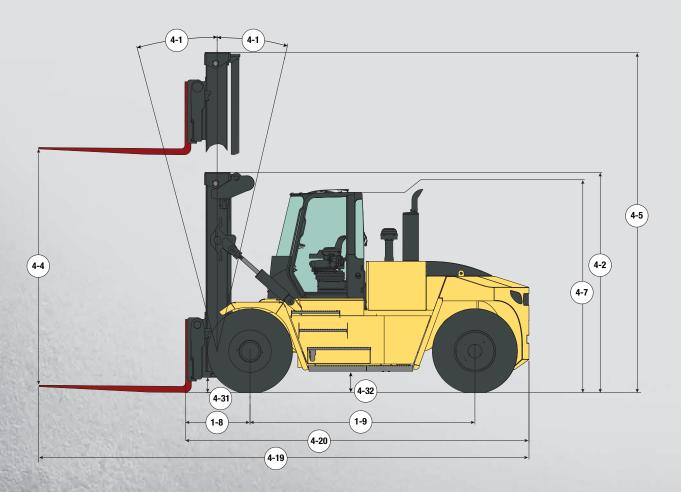
# H400-450XD SERIES TECHNICAL GUIDE

WWW.HYSTER.COM



> H400-450XD DIMENSIONS





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

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### H400-450XD SPECIFICATIONS <



_												
		Description	Uni	its	Eng			tric	Eng	lish		tric
	1-1	Manufacturer				HYS	STER			HYS	STER	
	1-2	Model designation				H400)			H400XD36			
RAL	1-3	Powertrain / drivetrain			Diesel					Diesel		
GENERAL	1-4	Operator type				Seated		Seated				
Ū	1-5	Rated load capacity	lbs	kg	40,0		18,			000		144
	1-6	Load center	in	mm	3			14		6		14
	1-8	Load distance (1)	in	mm	4			)86	4			)86
	1-9	Wheelbase	in	mm	13			500	14			750
WEIGHTS	2-1	Total truck weight without load	lbs	kg	61,0		27,		59,6			063
/EIG	2-2	Axle loading with load, front / rear	lbs	kg	93,209	42,279	7,815	3,545	91,792	41,636	7,873	3,571
<u> </u>	2-3	Axle loading without load, front / rear	lbs	kg	30,691	13,921	30,333	13,759	30,774	13,959	28,889	13,104
	3-1	Tire type					matic				matic	
ŝ	3-2	Tire size, front					x 24PR				x 24PR	
WHEELS	3-3 3-5	Tire size, rear Number of tires, front / rear (x driven)	#				x 24PR / 2				x 24PR / 2	
3	3-6	Tread width, front	in "	mm	8			)95	Q	2		)95
	3-7	Tread width, rear	in	mm	8			108	8			108
	4-1	Mast tilt, forward / back	degr		0		/ 12	100	0		/ 12	100
	4-2	Height of mast lowered (2)	in	mm	14		3,6	392	14			692
	4-3	Freelift	in	mm	(			)		)		)
	4-4	Lift height (top of fork)	in	mm	14				148		3,760	
	4-5	Height, extended	in	mm	21		3,760 5,517		218		5,517	
	4-7	Height to top of operator compartment (open cab)	in	mm	13		3,401		134		3,401	
	4-8	Seat height to SIP (3)	in	mm	8		2,204		87		2,204	
	4-19	Overall length	in	mm	31	2	7,9		32	22		77
ŝ	4-20	Length to load face	in	mm	21	6	5,4	187	22	26	5,7	737
DIMENSIONS	4-21	Overall width of truck	in	mm	11	5	2,9	923	11	15	2,9	923
MEN	4-22	Fork dimension	in	mm	3.9 / 7	9 / 96	100 / 200 / 2,440		3.9 / 7.9 / 96		100 / 200 / 2,440	
	4-23	Fork carriage type	Тур	be		Dual functi	on sideshift			Dual functi	on sideshift	
	4-24	Carriage width	in	mm	10	15	2,6	672	10	)5	2,6	672
	4-25-1	Fork spread, min (in-in)	in	mm	3	3		48	3	3		48
	4-25-2	Fork spread, max (out-out)	in	mm	9	4	2,3	393	9	4		393
	4-30	Sideshift	in	mm	1			36		3		36
	4-31	Ground clearance, under mast with load	in	mm		2		99		2		99
	4-32	Ground clearance, center of wheelbase	in	mm	1		374		15		374	
	4-34	Minimum aisle width (add load length & clearance)	in	mm	23		6,020		249		6,336	
	4-35	Outside turning radius	in	mm	19		4,9		20	)/	5,2	250
<del>(</del>		DRMANCE						L ENGINE		05	40	05
PERFORMANCE (TIER 4)	5-1 5-2	Travel speed, with / without load	mph ft/min	km/h	16 59	25 0.30	16 65	25	16	25	16 98	25
E (T	5-2 5-3	Lifting speed, with / without load Lowering speed, with / without load	ft/min ft/min	m/s m/s	98	0.50	98	0.33 0.50	89 98	0.45 0.50	98	0.50 0.50
ANC	5-5	Drawbar pull – 1 mph (1.6 km / h), with / without load	Ibs	kN	36,194	161	37,093	165	36,419	162	37,093	165
ORM	5-6	Drawbar pull – stall, with / without load	lbs	kN	44,962	200	45,636	203	44,962	200	45,636	203
ERF	5-7	Gradeability – 1 mph (1.6 km / h), with / without load	%		3			3		9		4
•	5-8	Gradeability stall, with load / without load	%		5			3	5			4
		DRMANCE					7L ENGIN		0			
3)	5-1a	Travel speed, with / without load	mph	km/h	16	25	16	25	16	25	16	25
IE	5-2	Lifting speed, with / without load	ft/min	m/s	59	0.30	65	0.33	89	0.45	98	0.50
CE (	5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50	98	0.50	98	0.50
MAN	5-5	Drawbar pull – 1 mph (1.6 km / h), with / without load	lbs	kN	36,194	161	37,093	165	36,419	162	37,093	165
PERFORMANCE (TIER 3)	5-6	Drawbar pull – stall, with / without load	lbs	kN	44,962	200	45,636	203	44,962	200	45,636	203
ERF	5-7	Gradeability – 1 mph (1.6km / h), with / without	%		3	3	3	3	3	9	3	4
				,		50		33 33		1		4

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 55.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifica-tions 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.

(1) Center of drive axle to front face of forks (2) Unladen with new tires (3) Full suspension seat in depressed position

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### > H400-450XD SPECIFICATIONS

		Description	Uni	ite	Eng	lich	Me	tric	Eng	lich	Me	tric	
	1-1	Manufacturer	UII	115	Liig		STER	uit	LIIY	HYS		.116	
	1-2	Model designation					KDS36			H450XD36			
	1-3	Powertrain / drivetrain				Die			Diesel				
GENERAL	1-4	Operator type					ated			Sea			
GEN	1-5	Rated load capacity	lbs	kg	45,0		20,	412	45,0		20,4	412	
	1-6	Load center	in	mm	3		91		3		91		
	1-8	Load distance (1)	in	mm	4		1,0		4		1,0		
	1-9	Wheelbase	in	mm	13		3,5		14		3,7		
Ś	2-1	Total truck weight without load	lbs	kg	65,4	477	29,		62,8	393	28,5	528	
WEIGHTS	2-2	Axle loading with load, front / rear	lbs	kg	101,501	46,040	8,977	4,072	99,642	45,197	8,252	3,743	
ME	2-3	Axle loading without load, front / rear	lbs	kg	31,696	14,377	33,781	15,353	31,491	14,284	31,405	14,245	
	3-1	Tire type				Pneu	matic			Pneu	matic		
	3-2	Tire size, front				14.00	x 24PR			14.00 ;	< 24PR		
ELS	3-3	Tire size, rear				14.00	x 24PR			14.00 >	×24PR		
WHEELS	3-5	Number of tires, front / rear (x driven)	#			4x	/ 2			4x	/ 2		
	3-6	Tread width, front	in	mm	8	2	2,0	95	8	2	2,0	95	
	3-7	Tread width, rear	in	mm	8	3	2,1	08	8	3	2,1	08	
	4-1	Mast tilt, forward / back	degr	ees		10,	/ 12			10 /	/ 12		
	4-2	Height of mast lowered (2)	in	mm	14	19	3,7	80	14	9	3,7	80	
	4-3	Freelift	in	mm	(	)	(	)	C	)	C		
	4-4	Lift height (top of fork)	in	mm	148		3,7	3,760		8	3,760		
	4-5	Height, extended	in	mm	221		5,605		221		5,605		
	4-7	Height to top of operator compartment (open cab)	in	mm	13	34	3,4	01	13	34	3,4		
	4-8	Seat height to SIP (3)	in	mm	8	7	2,2	.04	8		2,2	04	
	4-19	Overall length	in	mm	31		7,9		32		8,1		
SNC	4-20	Length to load face	in	mm	21		5,4		22		5,7		
DIMENSIONS	4-21	Overall width of truck	in	mm	11		2,9		11		2,9		
IME	4-22	Fork dimension	in	mm	3.9/9	3.9 / 9.8 / 96		) / 2,440	3.9 / 9		100 / 250	) / 2,440	
	4-23	Fork carriage type	. Typ				on sideshift 2,940		Dual function			10	
	4-24	Carriage width	in	mm	11				11		2,9		
	4-25-1	Fork spread, min (in-in)	in	mm	3		84		3 10		84 2,7		
	4-25-2 4-30	Fork spread, max (out-out) Sideshift	in in	mm mm	10		2,7		1		2,7 40		
	4-30	Ground clearance, under mast with load	in	mm	1		27		1		27		
	4-32	Ground clearance, center of wheelbase	in	mm	1		37		1:		37		
	4-34	Minimum aisle width (add load length & clearance)	in	mm	236		6,003		249		6,319		
	4-35	Outside turning radius	in	mm	19		4,9		20		5,2		
	PERFC	DRMANCE	WITH	TIER 4	FINAL C	UMMINS	QSB 6.7						
<b>2</b> 4)	5-1	Travel speed, with / without load	mph	km/h	16	25	16	25	16	25	16	25	
(TIEI	5-2	Lifting speed, with / without load	ft/min	m/s	49	0.25	55	0.28	75	0.38	83	0.42	
CE	5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50	98	0.50	98	0.50	
MAN	5-5	Drawbar pull – 1 mph (1.6 km / h), with / without load	lbs	kN	36,194	161	36,869	164	36,194	161	36,869	164	
PERFORMANCE (TIER 4)	5-6	Drawbar pull – stall, with / without load	lbs	kN	44,737	199	45,636	203	44,737	199	45,636	203	
PER	5-7	Gradeability – 1 mph (1.6 km / h), with / without load	%	)	3	5	3	2	3	6	3	3	
	5-8	Gradeability stall, with load / without load	%		4			2	4	6	3	3	
	PERFC	DRMANCE	WITH 1	IER 3	CUMMIN	S QSB 6.	7L ENGIN	IE					
R 3	5-1a	Travel speed, with / without load	mph	km/h	16	25	16	25	16	25	16	25	
Ē	5-2	Lifting speed, with / without load	ft/min	m/s	49	0.25	55	0.28	75	0.38	83	0.42	
NCE	5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	98	0.50	98	0.50	98	0.50	
RMA	5-5	Drawbar pull – 1 mph (1.6 km / h), with / without load	lbs	kN	36,194	161	36,869	164	36,194	161	36,869	164	
PERFORMANCE (TIER 3)	5-6	Drawbar pull – stall, with / without load	lbs	kN	44,737	199	45,636	203	44,737	199	45,636	203	
PE	5-7	Gradeability – 1 mph (1.6km / h), with / without	%		3		3		3		3		
2	5-8	Gradeability – stall, with / without	%	)	4	4	3	2	4	b	3	5	

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.

(1) Center of drive axle to front face of forks (2) Unladen with new tires (3) Full suspension seat in depressed position

### H400-450XD SPECIFICATIONS <



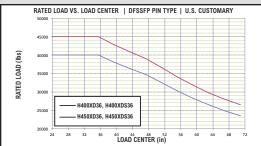
P0\	NERTR/	AINS							
		Description	Un	its	English	Metric	English	Metric	
RAI	1-1	Manufacturer			HYSTER		HYSTER		
GENERAL	1-2	Model designation			H400-450XD/S36		H450XD36		
	1-3	Powertrain / drivetrain			Dies	sel	Die	esel	
	7-1	7-1 Engine manufacturer / model			Cummins /	QSB 6.7L	Cummins	/ QSB 6.7L	
	7-1a	EPA tier compliance			Tier 4F / S	Stage IV	Tier 3 /	Stage III	
	7-2	Engine power output – rated	hp	kW	220@2000	164@2000	225@2000	168@2000	
	7-2-1	Engine power output – peak	hp	kW	231@1800	172@1800	225@2000	168@2000	
щ	7-3	Rated speed	rp	m	2,00	00	2,0	000	
ENGINE	7-3-1	Engine torque @ rpm (1 / min)	lb-ft	N-m	700@1400	949@1400	700@1400	949@1400	
	7-4	Number of cylinders / displacement	#/in3	#/cm3	6 / 408	6 / 6,690	6 / 408	6 / 6,690	
		Turbocharger	Ту	pe	Variable geometr	Variable geometry, water-cooled		vater-cooled	
	7-8	Alternator output	Amps		120		120		
	7-9	Electrical system voltage	V		24		24		
	7-10	Batter voltage / nominal capacity	V / Ah		24 / 102		24 / 102		
	8-0	Drive control / transmission	Туре		Powershift tr	ansmission	Powershift transmission		
	8-1	Type of drive unit	Туре		Torque co	onverter	Torque o	converter	
ш	8-2	Transmission manufacturer / type	Туре		ZF 5WG211		ZF 5V	/G211	
DRIVE	8-2-1	Transmission speeds forward / reverse	#	<u>!</u>	5 /	3	5	/ 3	
	8-3	Wheel drive / drive axle manufacturer / type	Ту	pe	AxleTech PR	C1756W3H	AxleTech PRC1756W3H		
	8-4	Service brake	Ту	pe	Oil immersed (wet) disc		Oil immersed (wet) disc		
	8-5	Parking brake	Ту	pe	Dry disc on drive axle		Dry disc on drive axle		
	10-1	Operating pressure for attachments	psi	MPa	3,263	22.5	3,263	22.5	
	10-2	Oil flow for attachments	gpm	l/m	26	100	26	100	
	10-3	Hydraulic oil tank, capacity	gal	1	54	203	54	203	
	10-4	Fuel tank, capacity	gal	1	80	303	80	303	
MISC	10-4-1	DEF tank, capacity	gal	1	10	38	N / A	N / A	
Ē	10-5	Steering design	Туре		Hydraulic pov	wer steering	Hydraulic po	ower steering	
	10-6	Number of steering rotation	#		4.4	1	4.4		
	10-7	Sound pressure level at the driver's seat LpAZ	dB	(A)	72.	7	76.0		
	10-7-1	Sound power level during the workcycle LwAZ	d	В	100	.4	10	7.4	
	10-8	Towing coupling, type DIN	Ту	pe	Yes /	pin	Yes	/ pin	

H400XD/S36 MAST DIMENSIONS									
4-4 lift (top o	height f fork)	4-2 l lower	Mast ed ht.	4-5 Overall extended ht.					
in	mm	in	mm	in	mm				
2-STAGE ONLY									
147	3750	146	3692	217	5517				
183	4650	163	4142	253	6417				
212	5400	178	4517	282	7167				
244	6200	194	4917	314	7967				
263	6700	204	5167	334	8467				
275	7000	210	5317	346	8767				

#### H450XD/S36 MAST DIMENSIONS

	Height f fork)		Mast ed ht.	4-5 Overall extended ht.						
in	mm	in	mm	in	mm					
2-STAGE ONLY										
147	3750	149	3780	221	5605					
183	4650	167	4230	256	6505					
212	5400	182	4605	286	7255					
244	6200	197	5005	317	8055					
263	6700	207	5255	337	8555					
275	7000	213	5405	349	8855					

#### **RATED CAPACITIES**



 Model H400XDS36: 40,000 lbs. at 36" (18,144 kg at 914mm) load center

 Model H450XDS36: 45,000 lbs. at 36" (20,412 kg at 914mm) load center

 Model H400XD36: 40,000 lbs. at 36" (18,144 kg at 914mm) load center

 Model H400XD36: 40,000 lbs. at 36" (20,412 kg at 914mm) load center

 Model H400XD36: 40,000 lbs. at 36" (20,412 kg at 914mm) load center

 Conversion Factor:
 1.0" = 25.4 mm | 1 lb = 0.45 k



Rated capacities are for trucks equipped with: • 2-stage (lower mast) to 147" (3750 mm) maximum fork height • 105" (2672 mm) carriage width (H400XDIS36) • 116" (2940 mm) carriage width (H450XDI/36) • 96" (2440 mm) long forks Contact your dealer for other capacity information.

## **>** STANDARD FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
Cummins QSB 6.7L diesel engine rated 220 hp tier 4 / 164 kW stage IV*	x	
Cummins QSB 6.7L diesel engine rated 220 hp tier 3 / 164 kW stage IIIA*	x	
Tier 4 / stage IV compliant	х	
Tier 3 / stage IIIA compliant	х	
Wastegate turbocharger, water cooled*	х	
Variable geometry turbocharger, water cooled*	х	
Hibernate Idle	х	
On-demand cooling fan*	х	
120 amp alternator	х	
Powertrain protection system	Х	
Heavy duty air intake	Х	
High mount exhaust	х	
ZF Transmission 5WG211 5-speeds fwd / 3-speeds reverse auto-shifting	x	
AxleTech Drive Axle PRC1756 W3H with wet disc brakes	х	
DRIVE	STD	OPT
Travel speed limiter - unconditional and customer adjustable		х
Travel speed limiter - loaded (adjustable)		Х
14.00-24 24PR pneumatic bias ply drive and steer tires	х	
14.00-R24 pneumatic radial drive and steer tires		Х
14.00-24 pneumatic shaped solid drive and steer tires		Х
LIFT	STD	OPT
On-demand load sensing hydraulic system	Х	
Automatic throttle-up when lifting (in neutral or inching)	х	
2 Stage non free lift mast	х	
Mast tilt - 5° forward / 5° back		Х
Mast tilt - 10° forward / 6° back		Х
Mast tilt - 10° forward / 7° back		Х
Mast tilt - 10° forward / 9° back		Х
Mast tilt - 10° forward / 10° back		Х
Mast tilt - 10° forward / 12° back	Х	
Pressure compensated lowering	Х	
Hydraulic system temperature protection with performance de-rate		х
HANDLING	STD	OPT
Mast tilt indicator - mechanical		Х
105" (2680mm) Pin type dual function sideshift carriage with simultaneous and individual fork positioner**	x	
105" (2680mm) Quick disconnect hook type dual function sideshift carriage with simultaneous and individual fork positioner**		х

HANDLING (continued)	STD	OPT
105" (2680mm) Quick disconnect hook type dual function sideshift carriage with individual fork positioner and 1 spare auxiliary function**		х
115" (2940mm) Pin type dual function sideshift carriage with simultaneous and individual fork positioner***	x	
115" (2940mm) Quick disconnect hook type dual function sideshift carriage with simultaneous and individual fork positioner***		х
115" (2940mm) Quick disconnect hook type dual function sideshift carriage with individual fork positioner and 1 spare auxiliary function***		х
96" (2440mm) Long x 3.9" (100mm) thick x 7.9" (200mm) wide pin type forks with standard taper**	x	
96" (2440mm) Long x 3.9" (100mm) thick x 9.8" (250mm) wide pin type forks with standard taper***	x	
Pin type forks (various sizes)		Х
Hook type forks (various sizes)		Х
ERGONOMICS	STD	OPT
Open operator compartment (without doors & screens)	х	
Enclosed operator cabin		х
Powered tilt operator compartment for service		х
Manual tilt operator compartment for service	х	
Isolated cabin mounting for low noise and vibration	х	
Operator presence system	х	
Mechanical suspension seat	х	
Air suspension seat		Х
Deluxe air suspension seat		Х
Low backrest seat	Х	
High backrest seat		Х
Armrest on left side	Х	
Cloth seat cover		Х
Vinyl seat cover	Х	
Seat heating		Х
Seat ventilation		Х
2-point high visibility seatbelt	Х	
Lateral seat sliding mechanism		Х
Floor mat	х	
Interior dome light	х	
Front, top and rear wipers		х
"H"-pattern front wiper		Х
"I"-pattern front wiper		Х
Front and rear window defrosters		Х
Right side door (enclosed operator cabin)	х	
Handrails for exit and entry	х	
Rain top		Х

\* Standard or optional in select markets or select models.

\*\* H400XD36 and H400XDS36 \*\*\* H450XD36 and H450XDS36

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ERGONOMICS (continued)	STD	OPT
Wire mesh installed on top of operator compartment		х
7" Integrated Performance Display	Х	
Touchpoint <sup>™</sup> mini levers hydraulic control integrated in control arm	х	
Joystick hydraulic control integrated in control arm		Х
Steering wheel with spinner knob	х	
Directional control lever on steering column	Х	
Hyster Monotrol pedal directional control		х
Directional control switch (integrated into control arm)		Х
Directional control on joystick		х
Park brake - manual	х	
Interior wide angle mirrors	Х	
Heater with adjustable speed fan		х
Telescoping & tilting steering column	х	
24-12 DC converter with 1 socket and 2 USB outlets	х	
24-12 DC converter with 2 sockets and 2 USB outlets		х
Air conditioning and automatic climate control		х
Reading light		х
Sun shades on top and rear (standard with air conditioning and automatic climate control)		х
Sun visors front window		х
Cloth trainer seat with 2-point seatbelt		х
Recirculation fan (enclosed operator cabin)	х	
Accessory mounting bracket on cab front right pillar		х
Document holder on cab front right pillar		х
Heated top- and/or rear window		Х
Radio preparation with 2 speakers and antenna		Х
VISIBILITY	STD	OPT
Steel bars on top of cab (open operator compartment)	Х	
Top window with armoured glass (enclosed operator cabin)	x	
Steel bars under armoured glass top window (enclosed operator cabin)		х
Exterior mirrors mounted to handrails		х
Rear view camera system		х
Radar object detection system		х
Halogen work lights	х	
High Performance LED work lights		х
Two Halogen head lights mounted on front fenders	х	
Two LED head lights mounted on front fenders		х
Two mast mounted work lights	х	
Four cabin mounted work lights		х
Two rearward work lights mounted on the cabin	х	
LED stop / tail / brake lights	Х	

\* Standard or optional in select markets or select models.

\*\* H400XD36 and H400XDS36

\*\*\* H450XD36 and H450XDS36

# STANDARD FEATURES AND OPTIONS <



Air horn 112 dBAxElectric horn 105 dBAxVisible alarm – amber strobe light, keyswitch activatedxAudible alarm – reverse direction activated 82–102 dB(A), self-adjustingxForward motion alarmxSeatbelt interlock for engine start and truck operationxAir conditioning shut-off with open doorxAutomatic engine shutdown with timerxLockable battery disconnect switchxBattery jump start connector (NATO plug)xTruck Start with key switch and start buttonxQperator password (display) for truck startxFuses replaced by electric circuit breakersxNon-lockable fuel capLockable fuel capLockable fuel capHyster Tracker wireless asset management - access / verificationHyster Tracker wireless asset management - monitoringAuto greasing system for top end mastAuto greasing system for top end mast	OPERATION	STD	OPT
Visible alarm – amber strobe light, keyswitch activatedxAudible alarm – reverse direction activated 82–102 dB(A), self-adjustingxForward motion alarmxSeatbelt interlock for engine start and truck operationxAir conditioning shut-off with open doorxAutomatic engine shutdown with timerxLockable battery disconnect switchxBattery jump start connector (NATO plug)xTruck Start with key switch and start buttonxOperator password (display) for truck startxFuses replaced by electric circuit breakersxNon-lockable fuel capxLockable fuel capxHyster Tracker wireless asset management - access / verificationxHyster Tracker wireless asset management - monitoringxAuto greasing system for top end mastx24 volt electrical systemxLifting eyes - 2 front and 2 rearxApperanceSTDMyster yellow paint base truckxSpecial paint base truckxSpecial paint base truckxSter wheel lug nut protectionxFront and rear mud guardsxLifting eyes - 2 front and 2 rearxSpecial paint base truckxSter velle part base truckxCertrification*xCic certification*xSter Wheel lug nut protectionxSter wheel lug nut protectionxKayKaySter wheel lug nut protectionxKayKay	Air horn 112 dBA		Х
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self-adjustingXForward motion alarmxSeatbelt interlock for engine start and truck operationxAir conditioning shut-off with open doorxAutomatic engine shutdown with timerxLockable battery disconnect switchxBattery jump start connector (NATO plug)xTruck Start with key switch and start buttonxOperator password (display) for truck startxFuses replaced by electric circuit breakersxNon-lockable fuel capxLockable fuel capxLockable fuel capxLockable fuel capxHyster Tracker wireless asset management - access / verificationxAuto greasing system for base truckxAuto greasing system for base truckxLochtralized greasing system for top end mastx24 volt electrical systemxFront and rear mud guardsxLifting eyes - 2 front and 2 rearxAppeLARANCEXSupPLEMENTALXLiterature packagexQuertor's manualxCE certification*xXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX <td< td=""><td>Visible alarm – amber strobe light, keyswitch activated</td><td>Х</td><td></td></td<>	Visible alarm – amber strobe light, keyswitch activated	Х	
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Auto greasing system for base truck       x         Auto greasing system for top end mast       x         Centralized greasing system for top end mast       x         24 volt electrical system       x         Engine block heater 110 or 240 volt       x         Steer wheel lug nut protection       x         Front and rear mud guards       x         Lifting eyes - 2 front and 2 rear       x         APPEARANCE       STD         Hyster yellow paint base truck       x         Special paint base truck       x         SUPPLEMENTAL       STD         Literature package       x         Operator's manual       x         CE certification*       x         Warranty: 12 months / 2.000 hours parts & labor			х
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24 volt electrical system       x         Engine block heater 110 or 240 volt       x         Steer wheel lug nut protection       x         Front and rear mud guards       x         Lifting eyes - 2 front and 2 rear       x         APPEARANCE       STD         Hyster yellow paint base truck       x         Special paint base truck       x         SUPPLEMENTAL       STD         Literature package       x         Operator's manual       x         CE certification*       x         Warranty: 12 months / 2.000 hours parts & labor	Auto greasing system for base truck		Х
Engine block heater 110 or 240 voltxSteer wheel lug nut protectionxFront and rear mud guardsxLifting eyes - 2 front and 2 rearxAPPEARANCESTDHyster yellow paint base truckxSpecial paint base truckxSUPPLEMENTALSTDLiterature packagexOperator's manualxCE certification*xWarranty: 12 months / 2.000 hours parts & labor	Centralized greasing system for top end mast		Х
Steer wheel lug nut protection       x         Front and rear mud guards       x         Lifting eyes - 2 front and 2 rear       x         APPEARANCE       STD       OPT         Hyster yellow paint base truck       x         Special paint base truck       x         SUPPLEMENTAL       STD       OPT         Literature package       x         Operator's manual       x         CE certification*       x         Warranty: 12 months / 2.000 hours parts & labor	24 volt electrical system	Х	
Front and rear mud guards       x         Lifting eyes - 2 front and 2 rear       x         APPEARANCE       STD       OPT         Hyster yellow paint base truck       x       x         Special paint base truck       x       x         SUPPLEMENTAL       STD       OPT         Literature package       x       x         Operator's manual       x       x         CE certification*       x       x	Engine block heater 110 or 240 volt		Х
Lifting eyes - 2 front and 2 rear       x         APPEARANCE       STD       OPT         Hyster yellow paint base truck       x       x         Special paint base truck       x       x         SUPPLEMENTAL       STD       OPT         Literature package       x       x         Operator's manual       x       x         CE certification*       x       x	Steer wheel lug nut protection	Х	
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Hyster yellow paint base truck     x       Special paint base truck     x       SUPPLEMENTAL     STD     OPT       Literature package     x        Operator's manual     x        CE certification*     x     x       Warranty: 12 months / 2.000 hours parts & labor	Lifting eyes - 2 front and 2 rear		Х
Special paint base truck       x         SUPPLEMENTAL       STD       OPT         Literature package       x          Operator's manual       x          CE certification*       x       x         Warranty: 12 months / 2.000 hours parts & labor	APPEARANCE	STD	OPT
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Literature package     x       Operator's manual     x       CE certification*     x       Warranty: 12 months / 2.000 hours parts & labor	Special paint base truck		Х
Operator's manual     x       CE certification*     x       Warranty: 12 months / 2.000 hours parts & labor	SUPPLEMENTAL	STD	OPT
CE certification* x Warranty: 12 months / 2.000 hours parts & labor	Literature package	Х	
Warranty: 12 months / 2.000 hours parts & labor	Operator's manual	Х	
Warranty: 12 months / 2,000 hours parts & labor x	CE certification*		Х
	Warranty: 12 months / 2,000 hours parts & labor manufacturer's warranty*	Х	





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