

HIRE

SALES

SERVICE

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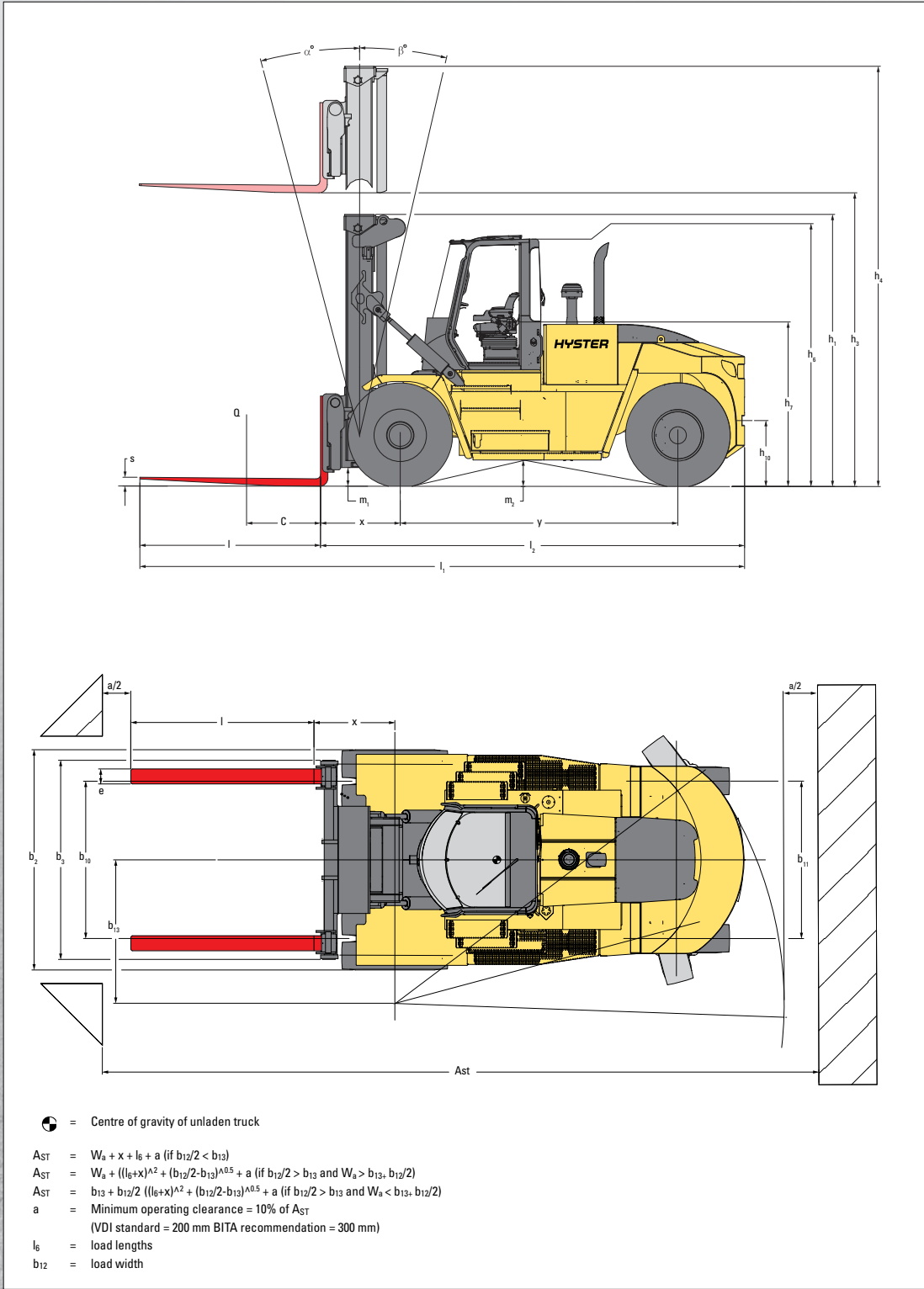
TRANSPORT

H18XDS9 FORKLIFT

18.0T DIESEL HEAVY DUTY FORKLIFT



> DIMENSIONS



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TRANSPORT

H18XDS9 FORKLIFT

18.0T DIESEL HEAVY DUTY FORKLIFT



> H18XDS9 / H18XD9 / H20XDS9 / H20XD9 SPECIFICATIONS

GENERAL	1-1		HYSTER		HYSTER		HYSTER		HYSTER	
	Model designation		H18XDS9	H18XD9	H20XDS9	H20XD9				
1-3	Powertrain / drivetrain		Diesel	Diesel	Diesel	Diesel				
1-4	Operator type		seated	seated	seated	seated				
1-5	Load capacity at load center, nominal	Q	kg	18,000	18,000	20,000	20,000			
1-6	Load center distance	c	mm	900	900	900	900			
1-8	Load distance	x	mm	1,134	1,134	1,117	1,117			
1-9	Wheelbase	y	mm	3,500	3,750	3,500	3,750			
WT.	2-1	Service weight	kg	27,669	27,052	30,030	28,858			
	2-2	Axle loading with load, front / rear	kg	42,338 3,331	41,681 3,371	46,343 3,687	45,474 3,384			
	2-3	Axle loading without load, front / rear	kg	13,878 13,791	13,918 13,134	14,817 15,214	14,716 14,143			
WHEELS	3-1	Tyre type		Pneumatic	Pneumatic	Pneumatic	Pneumatic			
	3-2	Tyre size, front		14.00 - 24 24PR	14.00 - 24 24PR	14.00 - 24 24PR	14.00 - 24 24PR			
	3-3	Tyre size, rear		14.00 - 24 24PR	14.00 - 24 24PR	14.00 - 24 24PR	14.00 - 24 24PR			
	3-5	Wheels, number front / rear (x = driven wheels)		x 4 / 2	x 4 / 2	x 4 / 2	x 4 / 2			
	3-6	Tread, front	b ₁₀	mm	2,095	2,095	2,095	2,095		
	3-7	Tread, rear	b ₁₁	mm	2,108	2,108	2,108	2,108		
DIMENSIONS	4-1	Mast tilt, forward / backward	α/β	deg	10° / 12°	10° / 12°	10° / 12°	10° / 12°		
	4-2	Height, mast lowered (1)	h ₁	mm	4,142	4,142	4,230	4,230		
	4-3	Free lift	h ₂	mm	0	0	0	0		
	4-4	Lift (2)	h ₃	mm	4,550	4,550	4,550	4,550		
	4-5	Height, mast extended	h ₄	mm	6,417	6,417	6,505	6,505		
	4-7	Cab height (open cab)	h ₆	mm	3,401	3,401	3,401	3,401		
	4-7-1	Height of overhead guard (closed cab)	h ₆	mm	3,428	3,428	3,428	3,428		
	4-7-2	Height of overhead guard (closed cab w/ airco)	h ₆	mm	3,428	3,428	3,428	3,428		
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h ₆	mm	3,525	3,525	3,525	3,525		
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h ₆	mm	3,577	3,577	3,577	3,577		
	4-7-5	Height of overhead guard (closed cab w/ airco & strobe light)	h ₆	mm	3,555	3,555	3,555	3,555		
	4-8	Seat height relating to SIP (3)	h ₇	mm	2,204	2,204	2,204	2,204		
	4-12	Coupling height	h ₁₀	mm	907	907	907	907		
	4-19	Overall length	l ₁	mm	7,975	8,225	7,958	8,208		
	4-20	Length to face of forks (4)	l ₂	mm	5,535	5,785	5,518	5,768		
	4-21	Overall width	b ₂	mm	2,923	2,923	2,923	2,923		
	4-22	Fork dimensions ISO 2331	s/a/l	mm	100 / 200 / 2,440	100 / 200 / 2,440	100 / 250 / 2,440	100 / 200 / 2,440		
	4-23	Fork carriage type			Dual Function - Sideshift Fork Positioning QD forks	Dual Function - Sideshift Fork Positioning QD forks	Dual Function - Sideshift Fork Positioning QD forks	Dual Function - Sideshift Fork Positioning QD forks		
	4-24	Fork carriage width	b ₃	mm	2,672	2,672	2,940	2,940		
	4-25	Distance over fork arms, minimum / maximum	b ₅	mm	998 2,443	998 2,443	1,047 2,762	1,047 2,762		
	4-30	Sideshift @ width over forks	b ₈	mm	+/-361 1,721	+/-361 1,721	+/-429 1,904	+/-429 1,904		
	4-31	Ground clearance, laden, below mast	m ₁	mm	299	299	270	270		
4-32	Ground clearance, centre of wheelbase	m ₂	mm	374	374	374	374			
4-33	Load dimension b ₁₂ × l ₅ crossways		mm	2,400 2,400	2,400 2,400	2,400 2,400	2,400 2,400			
4-34-1-2	Aisle width, without operating clearance	Ast	mm	8,468	8,784	8,451	8,767			
4-34-1-2	Aisle width, with 200 mm operating clearance	Ast	mm	8,668	8,984	8,651	8,967			
4-34-1-3	Aisle width, with 10% operating clearance	Ast	mm	9,315	9,662	9,296	9,644			
4-35	Outside turning radius	W ₆	mm	4,934	5,250	4,934	5,250			
4-36	Internal turning radius (6)	b ₁₃	mm	1,836	2,032	1,836	2,032			
PERFORMANCE	5-1	Travel speed, with / without load	km/h	25 25	25 25	25 25	25 25			
	5-2	Lifting speed, with / without load backwards	m/s	0.30 0.33	0.45 0.50	0.25 0.28	0.38 0.42			
	5-2-1	Lifting speed, with 70% load	m/s	0.32	0.47	0.27	0.40			
	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 1 mph, with / without load	kN	162 165	162 165	161 164	161 164			
	5-5-1	Drawbar pull - stall, with / without load	kN	200 203	200 203	199 203	199 203			
	5-7	Gradeability - 1.6 km/h 1 mph, with / without load (7)	%	39 33	39 34	35 32	36 34			
	5-7-1	Gradeability - stall, with / without load (7)	%	50 33	51 34	44 32	46 34			
5-9	Acceleration time, with / without load	sec	On request	On request	On request	On request				

(1) Centre of drive axle to front face of forks
 (2) Unladen with new tyres
 (3) Bottom of forks
 (4) Full suspension seat in depressed position
 (6) Distance centre truck to centre of internal turning radius
 (7) Weights are based on the following specifications: Complete truck with cab, pneumatic tyres, mast as specified, carriage as specified

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