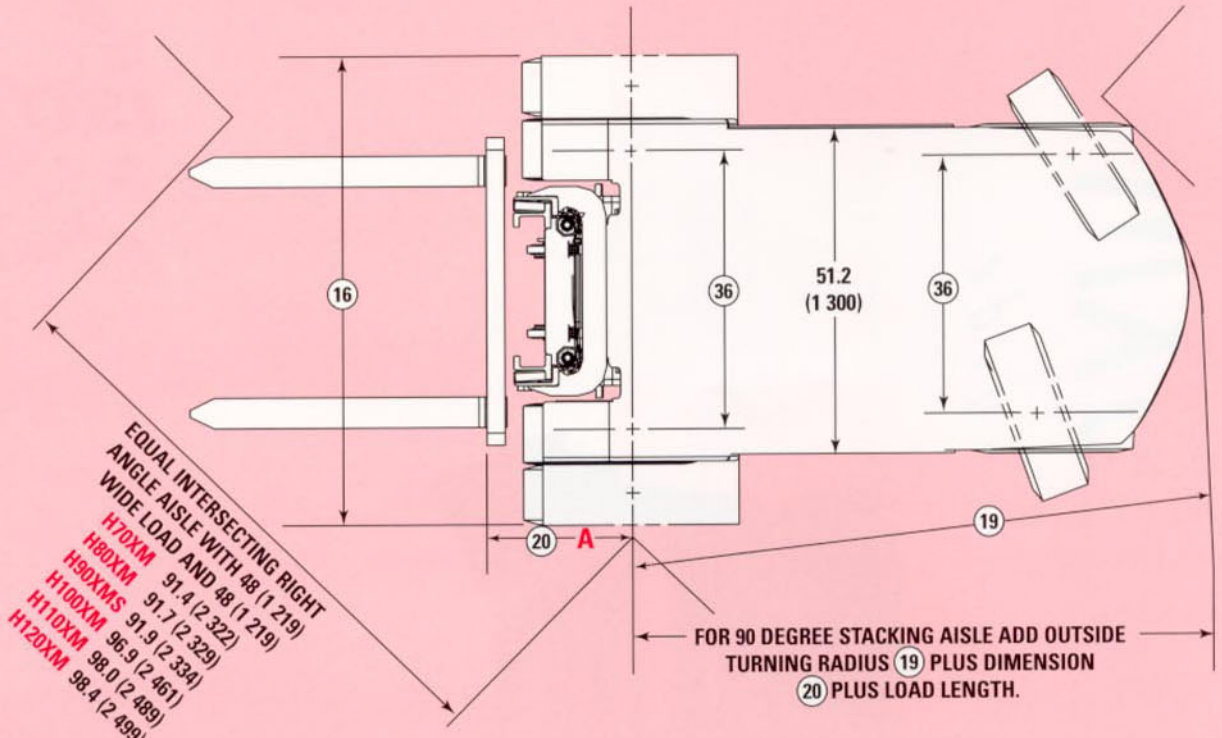


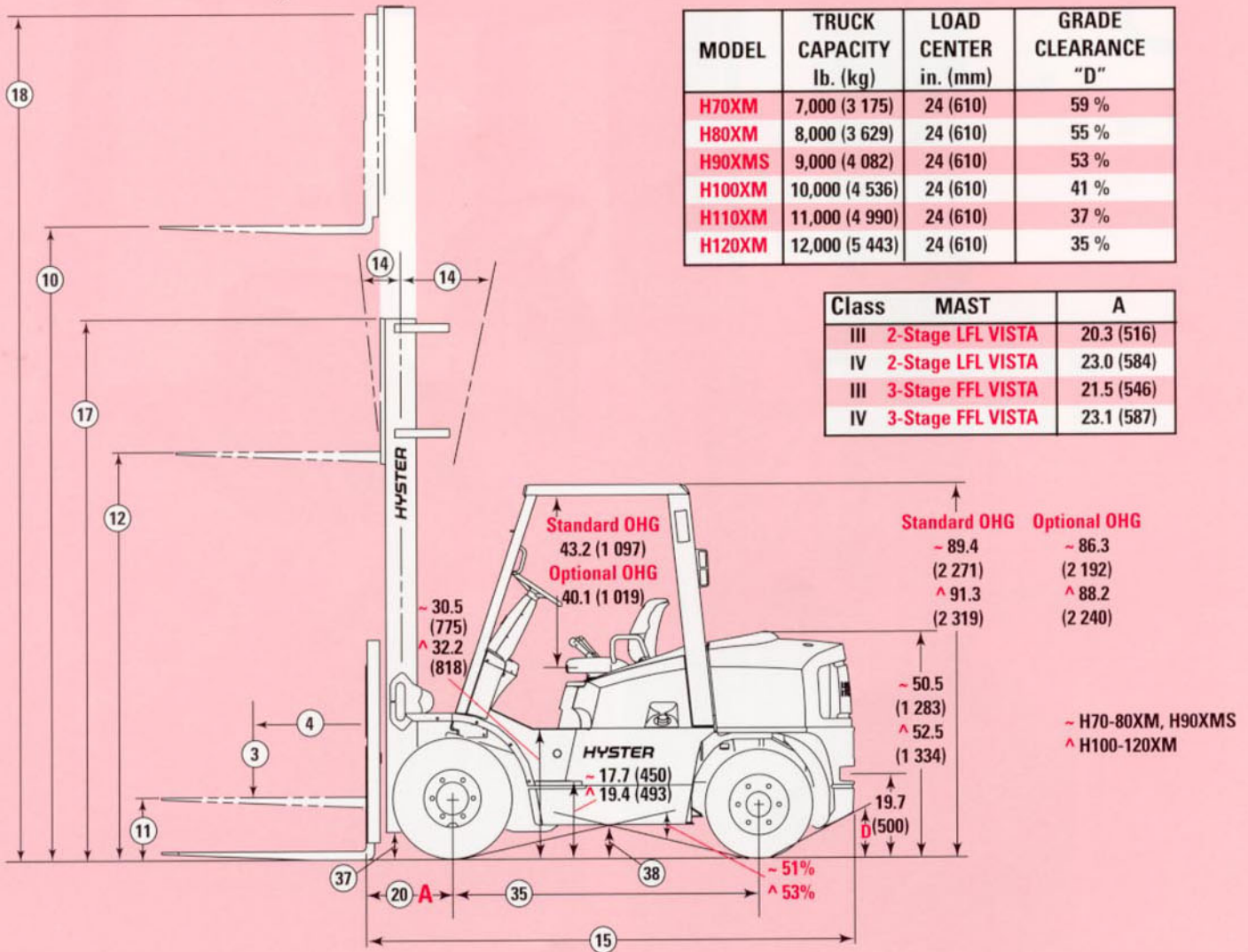


Hyster H70-120XM Lift Truck Specifications



MODEL	TRUCK CAPACITY lb. (kg)	LOAD CENTER in. (mm)	GRADE CLEARANCE "D"
H70XM	7,000 (3 175)	24 (610)	59 %
H80XM	8,000 (3 629)	24 (610)	55 %
H90XMS	9,000 (4 082)	24 (610)	53 %
H100XM	10,000 (4 536)	24 (610)	41 %
H110XM	11,000 (4 990)	24 (610)	37 %
H120XM	12,000 (5 443)	24 (610)	35 %

Class	MAST	A
III	2-Stage LFL VISTA	20.3 (516)
IV	2-Stage LFL VISTA	23.0 (584)
III	3-Stage FFL VISTA	21.5 (546)
IV	3-Stage FFL VISTA	23.1 (587)



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



Hyster H90XMS Lift Truck Specifications

GENERAL	1	Manufacturer	Hyster Company	
	2	Model	H90XMS	
	3	Capacity, rated	lb. (kg)	9,000 (4 082)
	4	Load center	in. (mm)	24 (610)
	5	Power type	GAS / LPG	
	6	Operator type	Sit	
	7	Tire type, front / rear	Pneumatic / Pneumatic	
	8	Wheels, front / rear	(X=driven)	2X / 2
DIMENSIONS	10	2-stg. limited free-lift (LFL), (TOF)	in. (mm)	122.0 (3 099)
	11	Limited free-lift (TOF)	in. (mm)	6.0 (152)
	12	Opt. 173.8" , 3-stg. full free-lift (FFL), (TOF) with / w/o LBE	in. (mm)	35.2 (894) / 54.9 (1 395)
	13	Forks, width / thickness	in. (mm)	2.0 (51) / 5.0 (127)
	14	Tilt angle, standard mast, forward / backward	Deg.°	6 / 12
	15	Length to face of forks	in. (mm)	115.7 (2 939)
	16	Overall width, single / dual tires	in. (mm)	55.2 (1 402) / 69.3 (1 760)
	17	Height, std. mast lowered	in. (mm)	85.5 (2 172)
	18	Height, std. mast ext. with / w/o LBE	in. (mm)	170.7 (4 336) / 152.1 (3 863)
	19	Turning radius, minimum outside	in. (mm)	101.8 (2 586)
	20	Length, center drive axle to face of forks	in. (mm)	20.3 (516)
	22	Aisle width (w/ 48 x 48 load for 90° stack) / Right Angle Stacking Aisle	in. (mm)	91.9 (2 334) / 170.1 (4 321)
	PERFORMANCE †	23	Stability (Comply with ANSI?) *	Yes
		24	Travel speed, standard 1-speed, NL / RL	mph (km/h)
		Travel speed, optional 2-speed, NL / RL	mph (km/h)	15.3 (24.6) / 14.6 (23.5)
25		Lift speed, NL / RL	ft/min (m/s)	99.0 (0.50) / 113.0 (0.57)
		Opt. 3-stg. full free-lift (FFL) NL / RL	ft/min (m/s)	94.0 (0.48) / 100.0 (0.51)
26		Lowering, NL / RL	ft/min (m/s)	82.0 (0.42) / 108.0 (0.55)
		Opt. 3-stg. full free-lift (FFL) NL / RL	ft/min (m/s)	76.0 (0.39) / 105.0 (0.53)
27		Drawbar pull, 1 speed powershift; maximum / @ 1 mph	lb _f . (kN)	5,575 (24.8) / 6,772 (30.1)
		LPG data (this line only); maximum / @ 1 mph	lb _f . (kN)	5,752 (25.6) / 6,682 (29.7)
28		Gradeability, 1 speed powershift; NL / RL	%	26 / 31
	LPG data (this line only); NL / RL	%	26 / 31	
WT.	30	Total approximate weight standard truck	lb. (kg)	13,284 (6 026)
	31	Axle loading, static, front NL / RL	lb. (kg)	5,573 (2 528) / 19,910 (9 031)
		Axle loading, static, rear NL / RL	lb. (kg)	7,911 (3 588) / 2,374 (1 077)
CHASSIS	32	Number tires front / rear	2 / 2	
	33	Tire size, drive tires, front	250 x 15	
	34	Tire size, steer tires, rear	7.00 x 12	
	35	Wheelbase	in. (mm)	72.0 (1 829)
	36	Tread, center of tires steer, single	in. (mm)	44.7 (1 135)
		Tread, center of tires drive, single / dual	in. (mm)	45.4 (1 153) / 51.8 (1 316)
	37	Ground clearance, lowest point, NL	in. (mm)	4.9 (125)
	38	Ground clearance, center whlbs., NL	in. (mm)	7.6 (193)
DRIVE TRAIN	39	Brakes, method of control, service / parking	Hydraulic / Mechanical	
	40	Brakes, method of operation, service / parking	Foot / Hand	
	42	Battery, volts / cold cranking amperes	V / Ah	12 / 475
	46	Engine, make-model	GM 4.3 L	
	47	Output per SAE standards, Gas / LPG	hp (kW)	93.5 (69.7) / 84.9 (63.3)
	48	Governed speed, NL	RPM	2 200
	49	Cycle / no. of cylinders / displacement	cu.in. (cm ³)	4 / 6 / 263 (4 310)
	51	Clutch type, powershift	Torque Converter	
	52	Gear change type, powershift	Hand / Foot	
	53	No. speeds, Powershift fwd. • reverse / (optional)	1 • 1 / (2 • 1)	
	54	Transmission type	Powershift (Autoshifting Powershift)	
55	Relief pressure for attachments	psi (KPa)	2,250 (15 513)	

* **CERTIFICATION:** These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178 (a) (2) and comply with Part III ANSI B56.1-revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

† **NOTE:** Performance specifications are for truck equipped as described under **Standard Equipment** in the Technical Guide. Performance 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. If these specifications are critical, the proposed applications should be discussed with your dealer.