

Hyster H190HD Lift Truck Specifications

GENERAL	1	Manufacturer	Hyster Company
	2	Model	H190HD
	3	Capacity, rated lb. (kg)	19,000 (8700)
	4	Load center in. (mm)	24.0 (600)
	5	Engine / Power type	Diesel
	6	Operator type	Sit
	7	Tire type, front / rear	Pneumatic
	8	Wheels, front / rear (X=drive)	4X / 2

DIMENSIONS	10	2-stg. VISTA mast (Top of Forks)	in. (mm)	213 (5411)
	13	Forks, width / thickness	in. (mm)	8 (203) / 2.5 (63.5)
	14	Tilt angle, standard mast forward / backward	Deg. °	15 / 12
	15	Length to face of forks	in. (mm)	169 (4292)
	16	Width, standard tires	in. (mm)	98.03 (2490)
	17	Height, standard mast lowered	in. (mm)	165 (4178)
	18	Height, std. mast extended with / without LBE	in. (mm)	270 (6846)
	19	Turning radius, minimum outside / inside	in. (mm)	154 (3912) / 8.66 (220)
	20	Length, center drive axle to face of forks	in. (mm)	28.54 (725)
	22	Equal Intersecting Aisle (W=48 in., L=48 in.)	in. (mm)	182.6 (4639)

PERFORMANCE †	23	Stability (Comply with ANSI?) *	YES
	24	Travel speed RL / NL mph (km/h)	17.8 (28.6) / 18.9 (30.4)
	25	Lift speed, standard mast RL / NL ft/min (m/s)	95 (.48) / 144 (.73)
	26	Lowering, standard mast RL / NL ft/min (m/s)	98 (.49) / 95 (.48)
	27	Drawbar pull, 1 mph RL / NL lbf. (kN)	20068 (9122) / 8090 (3677)
	28	Gradeability, 1 mph RL / NL %	51 / 32

WT.	30	Weight, total approximate, std. truck config.	lb. (kg)	27487 (12494)
	31	Axle loading, static-RL front / rear	lb. (kg)	41580 (18900) / 3714 (1 1688)

TIRES & WHEELS	32	Number of tires, drive (front) / steer (rear)	4 / 2
	33	Size of tires, drive (front)	10.00-20 16PLY
	34	Size of tires, steer (rear)	10.00-20 16PLY
	35	Wheelbase in. (mm)	106.3 (2700)
	36	Tread, center of tires, steer / drive in. (mm)	75.98 (1930) / 86.2 (2190)
	37	Ground clearance, lowest point NL in. (mm)	10.24 (261)
	38	Ground clearance, center wheelbase NL in. (mm)	11.6 (295)

POWERTRAIN	39	Brakes, method of control, service / parking	air / spring
	40	Brakes, method of operation, service / parking	foot / pull button
	42	Battery, volts / cold cranking amps V (amps)	24 / 550
	46	Engine, make-model	Cummins QSB6.7-155
	47	Output per SAE standards hp (kW)	155 (116)
	48	Governed speed NL RPM	2500
	49	Cycle / No. cylinders / displacement cu.in.(cm3)	4 / 6 / 409 (6702)
	51	Clutch type, powershift	Torque Converter
	51	Gear change type	MONOTROL
	52	Number of speeds, forward / reverse	3 / 3
	53	Transmission type	Powershift
	54	Relief pressure for attachments psi (kPa)	2800 (19,300)

* **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 also 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/ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and you should discuss the proposed application with your authorized Hyster Dealer.