

HYSTER CHALLENGER

135XL₂, 155XL₂

GENERAL DIMENSIONS	1	Manufacturer	Manufacturer's Name		Hyster Company		Hyster Company		1
	2	Model	Manufacturer's Designation		H155XL ₂ (GM)		H155XL ₂ (Perkins)		2
PERFORMANCE	3	Capacity	Rated Capacity	lb.	15,500	7,000	15,500	7,000	3
	4	Load Center	Distance	in. in.	24	600	24	600	4
WHEELS/TIRES	5	Power Type	Gas-LPG, Diesel		Gas-LPG		Diesel		5
	6	Operator Type	Stand or Sit		Sit		Sit		6
WEIGHT	7	Tire Type	Solid, Pneumatic, etc.		Pneumatic	Pneumatic	Pneumatic	Pneumatic	7
	8	Wheels	Number (X-driven)		4X	2	4X	2	8
DIMENSIONS	10	Forks	2-stg. LFL Lift (Top of Fork)		212.5	5400	212.5	5400	10
	11	Mast Lift	Limited Free-Lift (Top of Fork)		6.5	165	6.5	165	11
PERFORMANCE	12	Forks	Opt. Full Free-Lift (TOF) with/wo LBE		-		-		12
	13	Forks	Width/thickness		6.0	150	2.5	65	13
WEIGHT	14	Tilt angle	Standard Mast- forward/backward		5	10	5	10	14
	15	Overall	Length to face of forks		145.9	3705	145.9	3705	15
DIMENSIONS	16	Dimensions	Width (Standard tires)		83.1	2110	83.1	2110	16
	17	Dimensions	Height, Std. mast lowered		147.0	3730	147.0	3730	17
PERFORMANCE	18	Dimensions	Height, Std. mast ext. -with/wo LBE		274.0	6960	260.0	6660	18
	19	Turning radius	Minimum (Outside)		133.4	3390	133.4	3390	19
WEIGHT	20	Load distance	Center of wheel to face of forks		23.6	600	23.6	600	20
	22	Aisle Width	(Add load length for 90 deg. stacking)		157.0	3990	157.0	3990	22
PERFORMANCE	23	Stability	Comply with ANSI? *		YES		YES		23
	24	Speeds	Travel Speed-Max Fwd (man/pwrshft)		14.5	23.8	14.8	23.8	24
WEIGHT	25	Speeds	Lift Speed-no load/with load		86.0	0.44	80.0	0.41	25
	26	Speeds	Lowering Speed-no load/with load		104.0	0.53	114.0	0.58	26
DIMENSIONS	27	Drawbar pull	Man(Max)/Powershift (1 mph)		13,200	58,720	8,500	37,810	27
	28	Gradeability	LPG Data (This line only)		-		-		28
PERFORMANCE	28	Gradeability	Man(Max)/Powershift (1 mph) no load/with load		24/42	24/25	24/41	24/22	28
	30	Total Approx. Wt.	LPG Data (This line only) No load/with load		24/39	24/28	-		30
WEIGHT	30	Total Approx. Wt.	Std. Truck (see "Equipment") ;		19,950	9,090	19,950	9,000	30
	31	Axle Loading	Static w/rated load-front/rear		32,100	14,560	3,270	1,490	31
DIMENSIONS	32	Axle Loading	Number-front/rear		4	2	4	2	32
	33	Tires	Size front		8.25 x 15 - 12 PR		8.25 x 15 - 12 PR		33
WEIGHT	34	Tires	Size rear		8.25 x 15 - 12 PR		8.25 x 15 - 12 PR		34
	35	Wheelbase	Distance		88.0	2,235	88.0	2,235	35
PERFORMANCE	36	Tread	Center of tires-front/rear		72.6	1,845	60.4	1,535	36
	37	Ground Clearance	No load at lowest point		6.1	155	6.1	155	37
WEIGHT	38	Clearance	center of wheelbase		10.0	254	10.0	254	38
	39	Brakes	Service/Parking-Method of Control		Hydraulic	Mechanical	Hydraulic	Mechanical	39
PERFORMANCE	40	Brakes	Service/Parking-Method of Operation		Foot	Hand	Foot	Hand	40
	42	Battery	Volts/Ampere hrs.		12	335	12	670 ††	42
DIMENSIONS	46	Internal Combustion Engine	Make/Model		GM V6-4.3L		Perkins 1004-4		46
	47	Internal Combustion Engine	Output-Intermittent per SAE standards Gas/LPG hp. k		93.8	70.0	87.4	65.2	47
WEIGHT	48	Internal Combustion Engine	Governed Speed		2,500		2,500		48
	49	Internal Combustion Engine	Cycle/No. of cylinders/displacement		4	6	262.0	4,300	49
PERFORMANCE	51	Clutch	Type (Manual/Powershift)		Oil Clutch	Torque Converter	Oil Clutch	Torque Converter	51
	52	Gear Change	Type (Manual/Powershift)		Foot/Hand	Foot/Hand	Foot/Hand	Foot/Hand	52
WEIGHT	53	Transmission	Number of Speeds-forward/reverse		4	4	2	2	53
	54	Transmission	Type		Manual	Powershift	Manual	Powershift	54
PERFORMANCE	55	Relief Pressure	For Attachments		2,250		15,500		55

* CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANS with Part III ANSI B56.1 in effect at time of manufacture. Certification of compliance nameplate which is affixed to truck when shipped complete from the factory.

† NOTE: Performance specifications are for truck equipped as described under Specifications are affected by the condition of the vehicle and how it is equipped, as well as applications are critical, the proposed applications should be discussed with your dealer.

†† Two batteries