

H40-70A

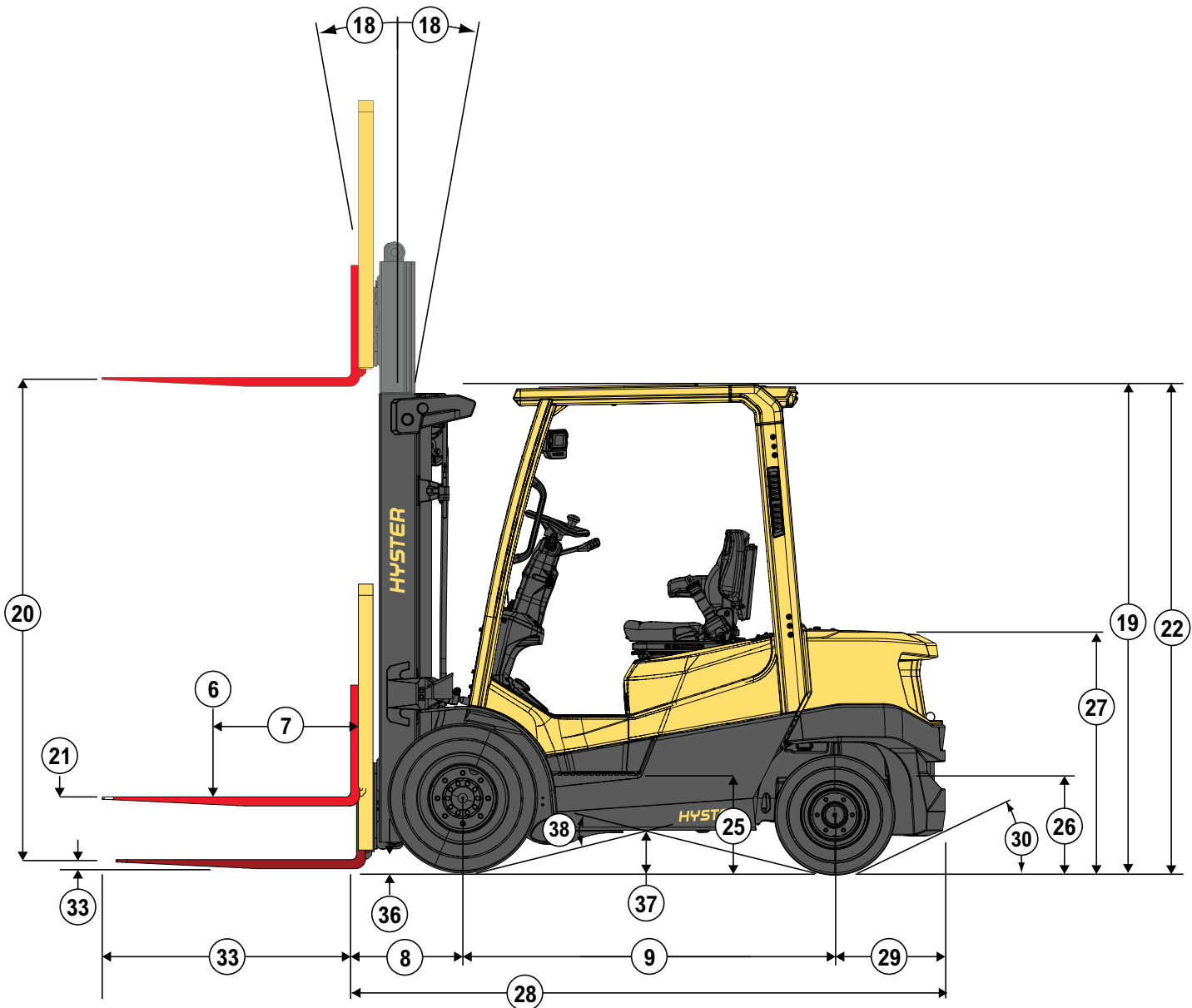


INTERNAL COMBUSTION ENGINE
PNEUMATIC TIRE | 1,814-3,175KG | 2,000-3,000LB
PRODUCT TECHNICAL GUIDE

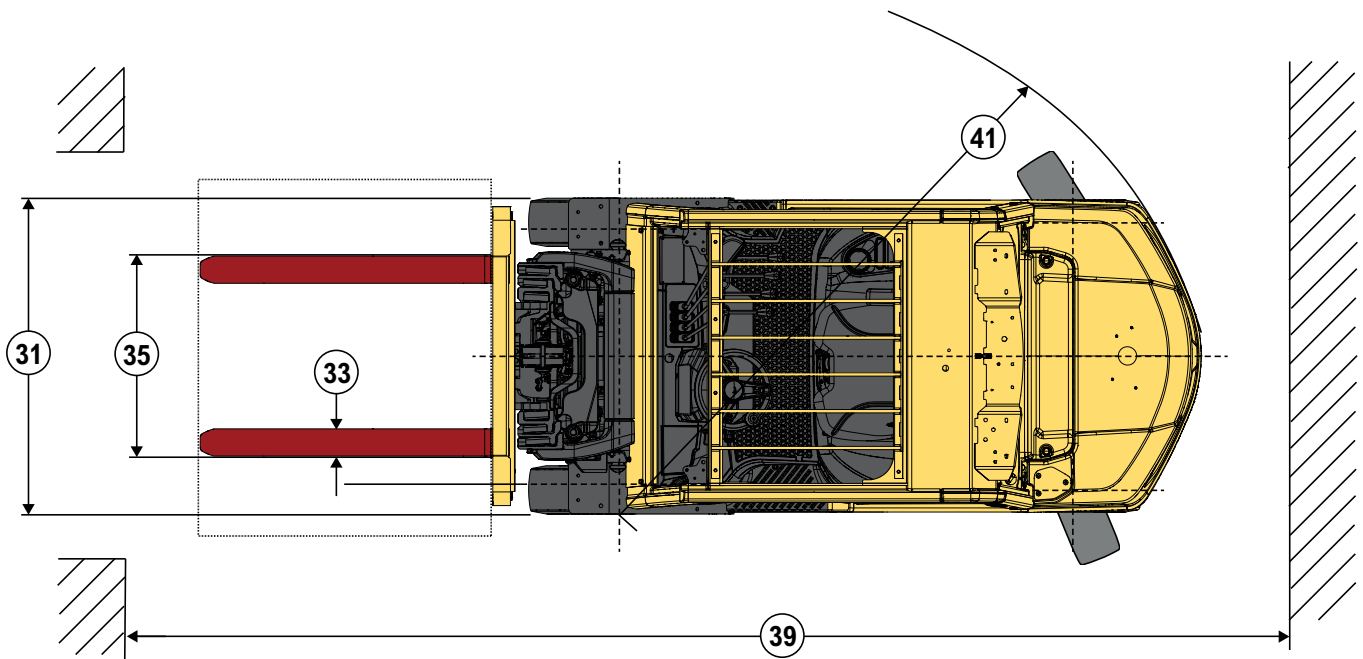


WWW.HYSTER.COM

H40-70A DIMENSIONS



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



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

SPECIFICATIONS — LPG MECHANICAL TRANSMISSION

GENERAL	1	Manufacturer name		Hyster Company			
	2	Model		H40A	H50A	H60A	H70A
	3	Engine		Yanmar 2.2L			
	4	Power type		LPG			
	5	Operator type		Seated			
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)
	7	Load center distance	in (mm)	24.0 (610)			
	8	Length, center of drive wheel to face of forks	in (mm)	18.7 (475)	18.7 (475)	19.3 (490)	20.1 (510)
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)	
WEIGHT	10	Weight, standard truck NL	lb (kg)	7670 (3480)	8520 (3865)	9820 (4455)	10760 (4880)
	11	Weight, standard truck RL	lb (kg)	11670 (5290)	13520 (6130)	15820 (7180)	17760 (8060)
	12	Axle loading front/rear NL	lb (kg)	3590/4080 (1630/1850)	3560/4960 (1615/2250)	3960/5840 (1795/2650)	3970/6770 (1800/3070)
	13	Axle loading front/rear RL	lb (kg)	10620/1470 (4815/665)	12330/1700 (5593/772)	14430/2010 (6545/910)	16270/2200 (7380/1000)
TIRES	14	Tire type		Pneumatic			
	15	Tire size, front		7.00-12		28x9-15	
	16	Tire size, rear		6.00x9		6.50x10	
	17	Wheels, number front/rear (x = driven wheels)		2x/2			
DIMENSIONS	18	Mast tilt angles, forward/backward	degrees	6/6			
	19	Height, mast lowered	in (mm)	85.0 (2160)	85.0 (2160)	87.6 (2225)	90.6 (2300)
	20	Lift height, top of fork (TOF)	in (mm)	129.9 (3300)	129.9 (3300)	129.9 (3300)	129.9 (3300)
	21	Free lift height, limited free lift mast (TOF)	in (mm)	6.3 (160)	6.3 (160)	6.5 (165)	6.7 (170)
	22	Height of standard overhead guard	in (mm)	84.6 (2150)		85.6 (2175)	
	23	Height of lowered overhead guard	in (mm)	82.0 (2083)		83.0 (2110)	
	24	Height of cab	in (mm)	85.6 (2175)		86.6 (2200)	
	25	Step height	in (mm)	17.3 (440)		18.2 (462)	
	26	Tow pin height	in (mm)	16.5 (420)		17.5 (445)	
	27	Height of counterweight	in (mm)	42.3 (1075)		43.2 (1097)	
	28	Length to face of forks	in (mm)	99.8 (2535)	103.0 (2615)	107.5 (2730)	111.0 (2820)
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)
	30	Departure angle	%	36			
	31	Overall width, standard tread	in (mm)	47.4 (1205)		48.5 (1232)	
	32	Overall width, dual tread	in (mm)	62.6 (1590)		68.1 (1730)	
	33	Forks, thickness x width x length	in (mm)	1.6 x 4.8 x 42 (40 x 122 x 1070)		1.8 x 4.8 x 42 (45 x 122 x 1070)	
	34	Standard carriage width	in (mm)	40.9 (1040)		43.3 (1100)	
	35	Maximum fork spread, outside dimensions	in (mm)	39.4 (1000)		41.7 (1060)	
	36	Ground clearance, below mast RL	in (mm)	4.5 (115)		5.1 (130)	
	37	Ground clearance, center of wheelbase NL	in (mm)	7.0 (178)		8.0 (203)	
	38	Breakover angle	%	45		50	
	39	Aisle width, right angle stack (add length of load and clearance)	in (mm)	108.7 (2760)	111.5 (2832)	116.2 (2951)	119.8 (3044)
	40	Equal aisle, 90-degree intersecting aisle	in (mm)	79.7 (2052)	81.2 (2062)	83.7 (2127)	85.4 (2170)
	41	Outside turning radius (OTR)	in (mm)	90.0 (2285)	92.8 (2357)	96.9 (2461)	99.8 (2534)
PERFORMANCE	42	Travel speed RL/NL	mph (km/h)	11.2/11.8 (18/19)	11.2/11.8 (18/19)	11.8/12.4 (19/20)	11.8/12.4 (19/20)
	43	Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	100.4/106.3 (0.51/0.54)	100.4/106.3 (0.51/0.54)	78.7/84.6 (0.40/0.43)	78.7/84.6 (0.40/0.43)
	44	Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	84.6/84.6 (0.43/0.43)	88.6/80.7 (0.45/0.41)	88.6/74.8 (0.45/0.38)	88.6/74.8 (0.45/0.38)
	45	Maximum drawbar pull RL/NL	lb (kg)	4160/3370 (1890/1530)	4500/3370 (2040/1530)	4050/3600 (1840/1630)	4500/3370 (2040/1530)
	46	Gradeability @ 1mph (1.6kph) RL/NL	%	25/26	24/25	21/25	19/25
POWERTRAIN	47	Engine manufacturer and model		Yanmar 4TN88G			
	48	Power output @ rpm	hp (kW)	56 (42) @ 2530			
	49	Torque @ rpm	ft-lb (N-m)	128 (174) @ 1690			
	50	Number of cylinders/displacement	cc (ci)	4/2189 (134)			
	51	Battery type		Maintenance free			
	52	Volts/cold cranking amps	V/A	12/500			
	53	Transmission type, standard		Mechanical powershift			
	54	Standard speeds, forward - reverse		1-1			
	55	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2540 (17.5)			
	56	Oil flow for attachments	gal/min (L/min)	16.9 (64)			
	57	Hydraulic tank capacity (drain and refill)	gal (L)	13.7 (52)			
	58	Fuel tank capacity (gas & diesel powered units only)	gal (L)	11.1 (42)			

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 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 the proposed application should be discussed with your authorized Hyster dealer.

Note: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = rated load NL = no load

SPECIFICATIONS – DIESEL MECHANICAL TRANSMISSION

GENERAL	1	Manufacturer name		Hyster Company			
	2	Model		H40A	H50A	H60A	H70A
	3	Engine		Yanmar 2.1L			
	4	Power type		Diesel			
	5	Operator type		Seated			
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)
	7	Load center distance	in (mm)	24.0 (610)			
	8	Length, center of drive wheel to face of forks	in (mm)	18.7 (475)	18.7 (475)	19.3 (490)	20.1 (510)
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)	
WEIGHT	10	Weight, standard truck NL	lb (kg)	7670 (3480)	8520 (3865)	9820 (4455)	10760 (4880)
	11	Weight, standard truck RL	lb (kg)	11670 (5290)	13520 (6130)	15820 (7180)	17760 (8060)
	12	Axle loading front/rear NL	lb (kg)	3590/4080 (1630/1850)	3560/4960 (1615/2250)	3960/5840 (1795/2650)	3970/6770 (1800/3070)
	13	Axle loading front/rear RL	lb (kg)	10620/1470 (4815/665)	12330/1700 (5593/772)	14430/2010 (6545/910)	16270/2200 (7380/1000)
TIRES	14	Tire type		Pneumatic			
	15	Tire size, front		7.00-12		28x9-15	
	16	Tire size, rear		6.00x9		6.50x10	
	17	Wheels, number front/rear (x = driven wheels)		2x/2			
DIMENSIONS	18	Mast tilt angles, forward/backward	degrees	6/6			
	19	Height, mast lowered	in (mm)	85.0 (2160)	85.0 (2160)	87.6 (2225)	90.6 (2300)
	20	Lift height, top of fork (TOF)	in (mm)	129.9 (3300)	129.9 (3300)	129.9 (3300)	129.9 (3300)
	21	Free lift height, limited free lift mast (TOF)	in (mm)	3.5 (90)		3.9 (100)	
	22	Height of standard overhead guard	in (mm)	84.6 (2150)		85.6 (2175)	
	23	Height of lowered overhead guard	in (mm)	82.0 (2083)		83.0 (2110)	
	24	Height of cab	in (mm)	85.6 (2175)		86.6 (2200)	
	25	Step height	in (mm)	17.3 (440)		18.2 (462)	
	26	Tow pin height	in (mm)	16.5 (420)		17.5 (445)	
	27	Height of counterweight	in (mm)	42.3 (1075)		43.2 (1097)	
	28	Length to face of forks	in (mm)	99.8 (2535)	103.0 (2615)	107.5 (2730)	111.0 (2820)
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)
	30	Departure angle	%	36			
	31	Overall width, standard tread	in (mm)	47.4 (1205)		48.5 (1232)	
	32	Overall width, dual tread	in (mm)	62.6 (1590)		68.1 (1730)	
	33	Forks, thickness x width x length	in (mm)	1.6 x 4.8 x 42 (40 x 122 x 1070)		1.8 x 4.8 x 42 (45 x 122 x 1070)	
	34	Standard carriage width	in (mm)	40.9 (1040)		43.3 (1100)	
	35	Maximum fork spread, outside dimensions	in (mm)	39.4 (1000)		41.7 (1060)	
	36	Ground clearance, below mast RL	in (mm)	4.5 (115)		5.1 (130)	
	37	Ground clearance, center of wheelbase NL	in (mm)	7.0 (178)		8.0 (203)	
	38	Breakover angle	%	45		50	
	39	Aisle width, right angle stack (add length of load and clearance)	in (mm)	108.7 (2760)	111.5 (2832)	116.2 (2951)	119.8 (3044)
	40	Equal aisle, 90-degree intersecting aisle	in (mm)	79.7 (2052)	81.2 (2062)	83.7 (2127)	85.4 (2170)
	41	Outside turning radius (OTR)	in (mm)	90.0 (2285)	92.8 (2357)	96.9 (2461)	99.8 (2534)
PERFORMANCE	42	Travel speed RL/NL	mph (km/h)	11.2/11.8 (18/19)	11.2/11.8 (18/19)	11.8/12.4 (19/20)	11.8/12.4 (19/20)
	43	Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	100.4/106.3 (0.51/0.54)	100.4/106.3 (0.51/0.54)	78.7/84.6 (0.40/0.43)	78.7/84.6 (0.40/0.43)
	44	Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	84.6/84.6 (0.43/0.43)	88.6/80.7 (0.45/0.41)	88.6/74.8 (0.45/0.38)	88.6/74.8 (0.45/0.38)
	45	Maximum drawbar pull RL/NL	lb (kg)	4160/3370 (1890/1530)	4500/3370 (2040/1630)	4050/3600 (1840/1630)	4500/3370 (2040/1530)
	46	Gradeability @ 1mph (1.6kph) RL/NL	%	22/26		23/26	20/25
POWERTRAIN	47	Engine manufacturer and model		Yanmar 4TN86DHT			
	48	Power output @ rpm	hp (kW)	59 (44) @ 2530			
	49	Torque @ rpm	ft-lb (N-m)	149 (202) @ 1600			
	50	Number of cylinders/displacement	cc (ci)	4/2091 (128)			
	51	Battery type		Maintenance free			
	52	Volts/cold cranking amps	V/A	12/580			
	53	Transmission type, standard		Mechanical powershift			
	54	Standard speeds, forward - reverse		1-1			
	55	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2540 (17.5)			
	56	Oil flow for attachments	gal/min (L/min)	16.9 (64)			
	57	Hydraulic tank capacity (drain and refill)	gal (L)	11.1 (42)			
	58	Fuel tank capacity (gas & diesel powered units only)	gal (L)	11.1 (42)			

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 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 the proposed application should be discussed with your authorized Hyster dealer.

Note: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = rated load NL = no load

SPECIFICATIONS — DIESEL (UNREGULATED) ELECTRONIC TRANSMISSION

GENERAL	1	Manufacturer name		Hyster Company			
	2	Model		H40A	H50A	H60A	H70A
	3	Engine		Yanmar 3.0L		Yanmar 3.3L	
	4	Power type		Diesel			
	5	Operator type		Seated			
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)
	7	Load center distance	in (mm)	24.0 (610)			
	8	Length, center of drive wheel to face of forks	in (mm)	18.7 (475)	18.7 (475)	19.3 (490)	20.1 (510)
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)	
WEIGHT	10	Weight, standard truck NL	lb (kg)	7670 (3480)	8520 (3865)	9820 (4455)	10760 (4880)
	11	Weight, standard truck RL	lb (kg)	11670 (5290)	13520 (6130)	15820 (7180)	17760 (8060)
	12	Axle loading front/rear NL	lb (kg)	3590/4080 (1630/1850)	3560/4960 (1615/2250)	3960/5840 (1795/2650)	3970/6770 (1800/3070)
	13	Axle loading front/rear RL	lb (kg)	10620/1470 (4815/665)	12330/1700 (5593/772)	14430/2010 (6545/910)	16270/2200 (7380/1000)
TIRES	14	Tire type		Pneumatic			
	15	Tire size, front		7.00-12		28x9-15	
	16	Tire size, rear		6.00x9		6.50x10	
	17	Wheels, number front/rear (x = driven wheels)		2x/2			
DIMENSIONS	18	Mast tilt angles, forward/backward	degrees	6/6			
	19	Height, mast lowered	in (mm)	85.0 (2160)	85.0 (2160)	87.6 (2225)	90.6 (2300)
	20	Lift height, top of fork (TOF)	in (mm)	129.9 (3300)	129.9 (3300)	129.9 (3300)	129.9 (3300)
	21	Free lift height, limited free lift mast (TOF)	in (mm)	3.5 (90)		3.9 (100)	
	22	Height of standard overhead guard	in (mm)	84.6 (2150)		85.6 (2175)	
	23	Height of lowered overhead guard	in (mm)	82.0 (2083)		83.0 (2110)	
	24	Height of cab	in (mm)	85.6 (2175)		86.6 (2200)	
	25	Step height	in (mm)	17.3 (440)		18.2 (462)	
	26	Tow pin height	in (mm)	16.5 (420)		17.5 (445)	
	27	Height of counterweight	in (mm)	42.3 (1075)		43.2 (1097)	
	28	Length to face of forks	in (mm)	99.8 (2535)	103.0 (2615)	107.5 (2730)	111.0 (2820)
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)
	30	Departure angle	%	36			
	31	Overall width, standard tread	in (mm)	47.4 (1205)		48.5 (1232)	
	32	Overall width, dual tread	in (mm)	62.6 (1590)		68.1 (1730)	
	33	Forks, thickness x width x length	in (mm)	1.6 x 4.8 x 42 (40 x 122 x 1070)		1.8 x 4.8 x 42 (45 x 122 x 1070)	
	34	Standard carriage width	in (mm)	40.9 (1040)		43.3 (1100)	
	35	Maximum fork spread, outside dimensions	in (mm)	39.4 (1000)		41.7 (1060)	
	36	Ground clearance, below mast RL	in (mm)	4.5 (115)		5.1 (130)	
	37	Ground clearance, center of wheelbase NL	in (mm)	7.0 (178)		8.0 (203)	
	38	Breakover angle	%	45		50	
	39	Aisle width, right angle stack (add length of load and clearance)	in (mm)	108.7 (2760)	111.5 (2832)	116.2 (2951)	119.8 (3044)
	40	Equal aisle, 90-degree intersecting aisle	in (mm)	79.7 (2052)	81.2 (2062)	83.7 (2127)	85.4 (2170)
	41	Outside turning radius (OTR)	in (mm)	90.0 (2285)	92.8 (2357)	96.9 (2461)	99.8 (2534)
PERFORMANCE	42	Travel speed RL/NL	mph (km/h)	11.2/11.2 (18/18)	11.2/11.2 (18/18)	11.2/11.8 (18/19)	11.2/11.8 (18/19)
	43	Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	100.4/106.3 (0.51/0.54)	100.4/106.3 (0.51/0.54)	78.7/84.6 (0.40/0.43)	78.7/84.6 (0.40/0.43)
	44	Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	84/6/80.7 (0.43/0.41)	88.6/80.7 (0.45/0.41)	88.6/74.8 (0.45/0.38)	88.6/74.8 (0.45/0.38)
	45	Maximum drawbar pull RL/NL	lb (kg)	4160/3370 (1890/1530)	4500/3370 (2040/1530)	4050/3600 (1840/1630)	4500/3370 (2040/1530)
	46	Gradeability @ 1mph (1.6kph) RL/NL	%	22/26	22/26	23/26	20/25
POWERTRAIN	47	Engine manufacturer and model		Yanmar 4TNE94L	Yanmar 4TNE94L	Yanmar 4TNE98	Yanmar 4TNE98
	48	Power output @ rpm	hp (kW)	47 (35) @ 2400	47 (35) @ 2400	59 (44) @ 2300	59 (44) @ 2300
	49	Torque @ rpm	ft-lb (N-m)	120 (162) @ 1500	120 (162) @ 1500	148 (200) @ 1700	148 (200) @ 1700
	50	Number of cylinders/displacement	cc (ci)	4/3053 (186)	4/3053 (186)	4/3319 (203)	4/3319 (203)
	51	Battery type		Maintenance free			
	52	Volts/cold cranking amps	V/A	12/580			
	53	Transmission type, standard		Mechanical powershift			
	54	Standard speeds, forward - reverse		1-1			
	55	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2540 (17.5)			
	56	Oil flow for attachments	gal/min (L/min)	16.9 (64)			
	57	Hydraulic tank capacity (drain and refill)	gal (L)	11.1 (42)			
	58	Fuel tank capacity (gas & diesel powered units only)	gal (L)	11.1 (42)			

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 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 the proposed application should be discussed with your authorized Hyster dealer.

Note: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = rated load NL = no load

SPECIFICATIONS — LPG ELECTRONIC TRANSMISSION

GENERAL	1	Manufacturer name		Hyster Company			
	2	Model		H40A	H50A	H60A	H70A
	3	Engine		Yanmar 2.2L			
	4	Power type		LPG			
	5	Operator type		Seated			
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)
	7	Load center distance	in (mm)	24.0 (610)			
	8	Length, center of drive wheel to face of forks	in (mm)	18.5 (470)		19.5 (495)	
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)	
WEIGHT	10	Weight, standard truck NL	lb (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)
	11	Weight, standard truck RL	lb (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)
	12	Axle loading front/rear NL	lb (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)
	13	Axle loading front/rear RL	lb (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)
TIRES	14	Tire type		Pneumatic			
	15	Tire size, front		7.00-12		28x9-15	
	16	Tire size, rear		6.00x9		6.50x10	
	17	Wheels, number front/rear (x = driven wheels)		2x/2			
DIMENSIONS	18	Mast tilt angles, forward/backward	degrees	6/6			
	19	Height, mast lowered	in (mm)	85.4 (2170)		86.4 (2195)	
	20	Lift height, top of fork (TOF)	in (mm)	128 (3260)		120 (3068)	
	21	Free lift height, limited free lift mast (TOF)	in (mm)	3.5 (90)		3.9 (100)	
	22	Height of standard overhead guard ¹	in (mm)	85.0 (2160)		85.9 (2182)	
	23	Height of lowered overhead guard ¹	in (mm)	82.4 (2093)		83.3 (2115)	
	24	Height of cab ¹	in (mm)	87.3 (2217)		88.1 (2239)	
	25	Step height ¹	in (mm)	17.3 (440)		18.2 (462)	
	26	Tow pin height ¹	in (mm)	17.3 (440)		18.2 (462)	
	27	Height of counterweight ¹	in (mm)	42.3 (1075)		43.2 (1097)	
	28	Length to face of forks	in (mm)	99.8 (2534)	102.8 (2610)	108.1 (2746)	110.7 (2813)
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)
	30	Departure angle	%	36			
	31	Overall width, standard tread	in (mm)	45.7 (1160)		46.7 (1186)	
	32	Overall width, wide tread	in (mm)	50.4 (1280)		53.3 (1353)	
	33	Forks, thickness x width x length	in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)		2.0 x 4.9 x 42 (50 x 125 x 1067)	
	34	Standard carriage width	in (mm)	42 (1067)			
	35	Maximum fork spread, outside dimensions	in (mm)	39.2 (996)			
	36	Ground clearance, below mast RL	in (mm)	5.1 (130)		6.0 (152)	
	37	Ground clearance, center of wheelbase NL	in (mm)	6.3 (160)		7.2 (182)	
	38	Breakover angle	%	47		53	
	39	Aisle width, right angle stack (add length of load and clearance)	in (mm)	104.8 (2661)	107.6 (2733)	113.0 (2869)	115.9 (2944)
	40	Equal aisle, 90-degree intersecting aisle	in (mm)	78.8 (2002)	80.4 (2042)	83.1 (2110)	84.6 (2149)
	41	Outside turning radius (OTR)	in (mm)	86.3 (2191)	89.1 (2263)	93.5 (2374)	96.4 (2449)
PERFORMANCE	42	Travel speed RL/NL	mph (km/h)	11.5/11.6 (18.5/18.7)	11.4/11.6 (18.4/18.7)	11.5/11.6 (18.5/18.7)	11.4/11.6 (18.4/18.7)
	43	Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	122/128 (0.62/0.65)	120/128 (0.61/0.65)	104/114 (0.53/0.58)	102/114 (0.52/0.58)
	44	Lift speed, optional 2-stage FFL RL/NL	ft/min (m/s)	108/114 (0.55/0.58)	106/114 (0.54/0.58)	100/108 (0.51/0.55)	65/108 (0.33/0.55)
	45	Lift speed, optional 3-stage FFL RL/NL	ft/min (m/s)	114/122 (0.58/0.62)	112/122 (0.57/0.62)	100/108 (0.51/0.55)	98/108 (0.50/0.55)
	46	Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	114/96 (0.58/0.49)		114/104 (0.58/0.53)	
	47	Lowering speed, optional 2-stage FFL RL/NL	ft/min (m/s)	106/79 (0.54/0.40)		112/85 (0.57/0.43)	
	48	Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	112/89 (0.57/0.45)		108/93 (0.55/0.47)	
	49	Drawbar pull @ 1mph (1.6kph) RL/NL	lb (kg)	3890/2388 (1764/1083)	3854/2287 (1748/1037)	3769/2488 (1710/1129)	3738/2227 (1696/1010)
	50	Maximum drawbar pull RL/NL	lb (kg)	4636/2388 (2103/1083)	4600/2287 (2087/1037)	4501/2488 (2042/1129)	4470/2227 (2028/1010)
	51	Gradeability @ 1mph (1.6kph) RL/NL	%	34/30	29/26	24/24	21/20
POWERTRAIN	52	Engine manufacturer and model		Yanmar 4TN88G			
	53	Power output @ rpm	hp (kW)	56 (42) @ 2530			
	54	Torque @ rpm	ft-lb (N-m)	128 (174) @ 1690			
	55	Number of cylinders/displacement	cc (ci)	4/2189 (134)			
	56	Battery type		Maintenance free			
	57	Volts/cold cranking amps	V/A	12/530			
	58	Transmission type, standard		Electronic powershift			
	59	Standard speeds, forward - reverse		1 - 1			
	60	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2610 (18.0)			
	61	Oil flow for attachments	gal/min (L/min)	16 (60)			
	62	Hydraulic tank capacity (drain and refill)	gal (L)	12.3 (46.4)			
	63	Fuel tank capacity (gas & diesel powered units only)	gal (L)	10.5 (39.9)			

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 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 the proposed application should be discussed with your authorized Hyster dealer.

SPECIFICATIONS — DIESEL ELECTRONIC TRANSMISSION

GENERAL	1	Manufacturer name		Hyster Company				
	2	Model		H40A	H50A	H60A	H70A	
	3	Engine		Yanmar 2.1L				
	4	Power type		Diesel				
	5	Operator type		Seated				
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)	
	7	Load center distance	in (mm)	24.0 (610)				
	8	Length, center of drive wheel to face of forks	in (mm)	18.5 (470)		19.5 (495)		
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)		
WEIGHT	10	Weight, standard truck NL	lb (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)	
	11	Weight, standard truck RL	lb (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)	
	12	Axle loading front/rear NL	lb (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)	
	13	Axle loading front/rear RL	lb (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)	
TIRES	14	Tire type		Pneumatic				
	15	Tire size, front		7.00-12		28x9-15		
	16	Tire size, rear		6.00x9		6.50x10		
	17	Wheels, number front/rear (x = driven wheels)		2x/2				
DIMENSIONS	18	Mast tilt angles, forward/backward	degrees	6/6				
	19	Height, mast lowered	in (mm)	85.4 (2170)		86.4 (2195)		
	20	Lift height, top of fork (TOF)	in (mm)	128 (3260)		120 (3068)		
	21	Free lift height, limited free lift mast (TOF)	in (mm)	3.5 (90)		3.9 (100)		
	22	Height of standard overhead guard ¹	in (mm)	85.0 (2160)		85.9 (2182)		
	23	Height of lowered overhead guard ¹	in (mm)	82.4 (2093)		83.3 (2115)		
	24	Height of cab ¹	in (mm)	87.3 (2217)		88.1 (2239)		
	25	Step height ¹	in (mm)	17.3 (440)		18.2 (462)		
	26	Tow pin height ¹	in (mm)	17.3 (440)		18.2 (462)		
	27	Height of counterweight ¹	in (mm)	42.3 (1075)		43.2 (1097)		
	28	Length to face of forks	in (mm)	99.8 (2534)	102.8 (2610)	108.1 (2746)	110.7 (2813)	
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)	
	30	Departure angle	%	36				
	31	Overall width, standard tread	in (mm)	45.7 (1160)		46.7 (1186)		
	32	Overall width, wide tread	in (mm)	50.4 (1280)		53.3 (1353)		
	33	Forks, thickness x width x length	in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)		2.0 x 4.9 x 42 (50 x 125 x 1067)		
	34	Standard carriage width	in (mm)	42 (1067)				
	35	Maximum fork spread, outside dimensions	in (mm)	39.2 (996)				
	36	Ground clearance, below mast RL	in (mm)	5.1 (130)		6.0 (152)		
	37	Ground clearance, center of wheelbase NL	in (mm)	6.3 (160)		7.2 (182)		
	38	Breakover angle	%	47		53		
	39	Aisle width, right angle stack (add length of load and clearance)	in (mm)	104.8 (2661)	107.6 (2733)	113.0 (2869)	115.9 (2944)	
	40	Equal aisle, 90-degree intersecting aisle	in (mm)	78.8 (2002)	80.4 (2042)	83.1 (2110)	84.6 (2149)	
	41	Outside turning radius (OTR)	in (mm)	86.3 (2191)	89.1 (2263)	93.5 (2374)	96.4 (2449)	
PERFORMANCE	42	Travel speed RL/NL	mph (km/h)	11.5/11.6 (18.5/18.7)	11.4/11.6 (18.4/18.7)	11.5/11.6 (18.5/18.7)	11.4/11.6 (18.4/18.7)	
	43	Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	122/128 (0.62/0.65)	120/128 (0.61/0.65)	104/114 (.53/.58)	104/114 (.53/.58)	
	44	Lift speed, optional 2-stage FFL RL/NL	ft/min (m/s)	108/114 (0.55/0.58)	108/114 (0.55/0.58)	102/108 (0.52/0.55)	94/108 (.48/0.55)	
	45	Lift speed, optional 3-stage FFL RL/NL	ft/min (m/s)	116/122 (0.59/0.62)	114/122 (0.58/0.62)	100/108 (0.51/0.55)	100/108 (0.51/0.55)	
	46	Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	114/96 (0.58/0.49)		114/104 (0.58/0.53)		
	47	Lowering speed, optional 2-stage FFL RL/NL	ft/min (m/s)	106/79 (0.54/0.40)		112/85 (0.57/0.43)		
	48	Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	112/89 (0.57/0.45)		108/93 (0.55/0.47)		
	49	Drawbar pull @ 1mph (1.6kph) RL/NL	lb (kg)	4434/2388 (2011/1083)	4398/2287 (1995/1037)	4307/2488 (1954/1129)	4276/2227 (1940/1010)	
	50	Maximum drawbar pull RL/NL	lb (kg)	5186/2388 (2352/1083)	5150/2287 (2336/1037)	5045/2488 (2288/1129)	5014/2227 (2274/1010)	
	51	Gradeability @ 1mph (1.6kph) RL/NL	%	40/30	34/26	27/24	25/20	
	POWERTRAIN	52	Engine manufacturer and model		Yanmar 4TN86DHT			
		53	Power output @ RPM	hp (kW)	59 (44) @ 2530			
54		Torque @ RPM	ft-lbs (N-m)	149 (202) @ 1600				
55		Number of cylinders/displacement	cc (ci)	4/2091 (128)				
56		Battery type		Maintenance free				
57		Volts/cold cranking amps	V/A	12/550				
58		Transmission type, standard		Electronic powershift				
59		Standard speeds, forward - reverse		1 - 1				
60		Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2610 (18.0)				
61		Oil flow for attachments	gal/min (L/min)	16 (60)				
62		Hydraulic tank capacity (drain and refill)	gal (L)	9.0 (34.2)				
63		Fuel tank capacity (gas & diesel powered units only)	gal (L)	10.5 (39.9)				

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 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 the proposed application should be discussed with your authorized Hyster dealer.

Note: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = rated load NL = no load

SPECIFICATIONS — DIESEL (UNREGULATED) ELECTRONIC TRANSMISSION

GENERAL	1	Manufacturer name		Hyster Company				
	2	Model		H40A	H50A	H60A	H70A	
	3	Engine		Yanmar 3.0L		Yanmar 3.3L		
	4	Power type		Diesel				
	5	Operator type		Seated				
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)	
	7	Load center distance	in (mm)	24.0 (610)				
	8	Length, center of drive wheel to face of forks	in (mm)	18.5 (470)		19.5 (495)		
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)		
WEIGHT	10	Weight, standard truck NL	lb (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)	
	11	Weight, standard truck RL	lb (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)	
	12	Axle loading front/rear NL	lb (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)	
	13	Axle loading front/rear RL	lb (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)	
DIMENSIONS	14	Tire type		Pneumatic				
	15	Tire size, front		7.00-12		28x9-15		
	16	Tire size, rear		6.00x9		6.50x10		
	17	Wheels, number front/rear (x = driven wheels)		2x/2				
	18	Mast tilt angles, forward/backward	degrees	6/6				
	19	Height, mast lowered	in (mm)	85.4 (2170)		86.4 (2195)		
	20	Lift height, top of fork (TOF)	in (mm)	128 (3260)		120 (3068)		
	21	Free lift height, limited free lift mast (TOF)	in (mm)	3.5 (90)		3.9 (100)		
	22	Height of standard overhead guard ¹	in (mm)	85.0 (2160)		85.9 (2182)		
	23	Height of lowered overhead guard ¹	in (mm)	82.4 (2093)		83.3 (2115)		
	24	Height of cab ¹	in (mm)	87.3 (2217)		88.1 (2239)		
	25	Step height ¹	in (mm)	17.3 (440)		18.2 (462)		
	26	Tow pin height ¹	in (mm)	17.3 (440)		18.2 (462)		
	27	Height of counterweight ¹	in (mm)	42.3 (1075)		43.2 (1097)		
	28	Length to face of forks	in (mm)	99.8 (2534)	102.8 (2610)	108.1 (2746)	110.7 (2813)	
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)	
	PERFORMANCE	30	Departure angle	%	36			
		31	Overall width, standard tread	in (mm)	45.7 (1160)		46.7 (1186)	
32		Overall width, wide tread	in (mm)	50.4 (1280)		53.3 (1353)		
33		Forks, thickness x width x length	in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)		2.0 x 4.9 x 42 (50 x 125 x 1067)		
34		Standard carriage width	in (mm)	42 (1067)				
35		Maximum fork spread, outside dimensions	in (mm)	39.2 (996)				
36		Ground clearance, below mast RL	in (mm)	5.1 (130)		6.0 (152)		
37		Ground clearance, center of wheelbase NL	in (mm)	6.3 (160)		7.2 (182)		
38		Breakover angle	%	47		53		
39		Aisle width, right angle stack (add length of load and clearance)	in (mm)	104.8 (2661)	107.6 (2733)	113.0 (2869)	115.9 (2944)	
40		Equal aisle, 90-degree intersecting aisle	in (mm)	78.8 (2002)	80.4 (2042)	83.1 (2110)	84.6 (2149)	
41		Outside turning radius (OTR)	in (mm)	86.3 (2191)	89.1 (2263)	93.5 (2374)	96.4 (2449)	
42		Travel speed RL/NL	mph (km/h)	10.9/11.1 (17.5/17.8)	11.4/11.6 (18.4/18.7)	11.5/11.6 (18.5/18.7)	11.4/11.6 (18.4/18.7)	
43		Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	122/128 (0.62/0.65)	120/128 (0.61/0.65)	104/114 (.53/.58)	104/114 (.53/.58)	
44		Lift speed, optional 2-stage FFL RL/NL	ft/min (m/s)	108/114 (0.55/0.58)	108/114 (0.55/0.58)	102/108 (0.52/0.55)	94/108 (.48/0.55)	
45		Lift speed, optional 3-stage FFL RL/NL	ft/min (m/s)	116/122 (0.59/0.62)	114/122 (0.58/0.62)	100/108 (0.51/0.55)	100/108 (0.51/0.55)	
46		Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	114/96 (0.58/0.49)		114/104 (0.58/0.53)		
47		Lowering speed, optional 2-stage FFL RL/NL	ft/min (m/s)	106/79 (0.54/0.40)		112/85 (0.57/0.43)		
48	Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	112/89 (0.57/0.45)		108/93 (0.55/0.47)			
POWERTRAIN	49	Drawbar pull @ 1mph (1.6kph) RL/NL	lb (kg)	4434/2388 (2011/1083)	4398/2287 (1995/1037)	4307/2488 (1954/1129)	4276/2227 (1940/1010)	
	50	Maximum drawbar pull RL/NL	lb (kg)	5186/2388 (2352/1083)	5150/2287 (2336/1037)	5045/2488 (2288/1129)	5014/2227 (2274/1010)	
	51	Gradeability @ 1mph (1.6kph) RL/NL	%	40/30		27/24		
	52	Engine manufacturer and model		Yanmar 4TNE94L	Yanmar 4TNE94L	Yanmar 4TNE98	Yanmar 4TNE98	
	53	Power output @ RPM	hp (kW)	47 (35) @ 2400	47 (35) @ 2400	59 (44) @ 2300	59 (44) @ 2300	
	54	Torque @ RPM	ft-lbs (N-m)	120 (162) @ 1500	120 (162) @ 1500	148 (200) @ 1700	148 (200) @ 1700	
	55	Number of cylinders/displacement	cc (ci)	4/3053 (186)	4/3053 (186)	4/3319 (203)	4/3319 (203)	
	56	Battery type		Maintenance free				
	57	Volts/cold cranking amps	V/A	12/550				
	58	Transmission type, standard		Electronic powershift				
	59	Standard speeds, forward - reverse		1 - 1				
	60	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2610 (18.0)				
	61	Oil flow for attachments	gal/min (L/min)	16 (60)				
	62	Hydraulic tank capacity (drain and refill)	gal (L)	9.0 (34.2)				
	63	Fuel tank capacity (gas & diesel powered units only)	gal (L)	10.5 (39.9)				

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 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 the proposed application should be discussed with your authorized Hyster dealer.

SPECIFICATIONS — LPG ELECTRONIC TRANSMISSION

GENERAL	1	Manufacturer name	Hyster Company				
	2	Model	H40A	H50A	H60A	H70A	
	3	Engine	Yanmar 3.0L		Yanmar 3.3L		
	4	Power type	Diesel				
	5	Operator type	Seated				
	6	Rated capacity	lb (kg)	4000 (1814)	5000 (2268)	6000 (2722)	7000 (3175)
	7	Load center distance	in (mm)	24.0 (610)			
	8	Length, center of drive wheel to face of forks	in (mm)	18.5 (470)		19.5 (495)	
	9	Wheelbase	in (mm)	65.0 (1650)		66.9 (1700)	
WEIGHT	10	Weight, standard truck NL	lb (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)
	11	Weight, standard truck RL	lb (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)
	12	Axle loading front/rear NL	lb (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)
	13	Axle loading front/rear RL	lb (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)
TIRES	14	Tire type	Pneumatic				
	15	Tire size, front	7.00-12		28x9-15		
	16	Tire size, rear	6.00x9		6.50x10		
	17	Wheels, number front/rear (x = driven wheels)	2x/2				
	18	Mast tilt angles, forward/backward	degrees	6/6			
DIMENSIONS	19	Height, mast lowered	in (mm)	85.4 (2170)		86.4 (2195)	
	20	Lift height, top of fork (TOF)	in (mm)	128 (3260)		120 (3068)	
	21	Free lift height, limited free lift mast (TOF)	in (mm)	3.5 (90)		3.9 (100)	
	22	Height of standard overhead guard ¹	in (mm)	85.0 (2160)		85.9 (2182)	
	23	Height of lowered overhead guard ¹	in (mm)	82.4 (2093)		83.3 (2115)	
	24	Height of cab ¹	in (mm)	87.3 (2217)		88.1 (2239)	
	25	Step height ¹	in (mm)	17.3 (440)		18.2 (462)	
	26	Tow pin height ¹	in (mm)	17.3 (440)		18.2 (462)	
	27	Height of counterweight ¹	in (mm)	42.3 (1075)		43.2 (1097)	
	28	Length to face of forks	in (mm)	99.8 (2534)	102.8 (2610)	108.1 (2746)	110.7 (2813)
	29	Rear overhang (steer axle center to counterweight)	in (mm)	15.9 (404)	19.3 (490)	21.0 (534)	23.7 (601)
	30	Departure angle	%	36			
	31	Overall width, standard tread	in (mm)	45.7 (1160)		46.7 (1186)	
	32	Overall width, wide tread	in (mm)	50.4 (1280)		53.3 (1353)	
	33	Forks, thickness x width x length	in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)		2.0 x 4.9 x 42 (50 x 125 x 1067)	
	34	Standard carriage width	in (mm)	42 (1067)			
	35	Maximum fork spread, outside dimensions	in (mm)	39.2 (996)			
	36	Ground clearance, below mast RL	in (mm)	5.1 (130)		6.0 (152)	
	37	Ground clearance, center of wheelbase NL	in (mm)	6.3 (160)		7.2 (182)	
	38	Breakover angle	%	47		53	
39	Aisle width, right angle stack (add length of load and clearance)	in (mm)	104.8 (2661)	107.6 (2733)	113.0 (2869)	115.9 (2944)	
40	Equal aisle, 90-degree intersecting aisle	in (mm)	78.8 (2002)	80.4 (2042)	83.1 (2110)	84.6 (2149)	
41	Outside turning radius (OTR)	in (mm)	86.3 (2191)	89.1 (2263)	93.5 (2374)	96.4 (2449)	
PERFORMANCE	42	Travel speed RL/NL	mph (km/h)	10.9/11.1 (17.5/17.8)	11.4/11.6 (18.4/18.7)	11.5/11.6 (18.5/18.7)	11.4/11.6 (18.4/18.7)
	43	Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	122/128 (0.62/0.65)	120/128 (0.61/0.65)	104/114 (.53/.58)	104/114 (.53/.58)
	44	Lift speed, optional 2-stage FFL RL/NL	ft/min (m/s)	108/114 (0.55/0.58)	108/114 (0.55/0.58)	102/108 (0.52/0.55)	94/108 (.48/0.55)
	45	Lift speed, optional 3-stage FFL RL/NL	ft/min (m/s)	116/122 (0.59/0.62)	114/122 (0.58/0.62)	100/108 (0.51/0.55)	100/108 (0.51/0.55)
	46	Lowering speed, standard 2-stage LFL RL/NL	ft/min (m/s)	114/96 (0.58/0.49)		114/104 (0.58/0.53)	
	47	Lowering speed, optional 2-stage FFL RL/NL	ft/min (m/s)	106/79 (0.54/0.40)		112/85 (0.57/0.43)	
	48	Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	112/89 (0.57/0.45)		108/93 (0.55/0.47)	
	49	Drawbar pull @ 1mph (1.6kph) RL/NL	lb (kg)	4434/2388 (2011/1083)	4398/2287 (1995/1037)	4307/2488 (1954/1129)	4276/2227 (1940/1010)
	50	Maximum drawbar pull RL/NL	lb (kg)	5186/2388 (2352/1083)	5150/2287 (2336/1037)	5045/2488 (2288/1129)	5014/2227 (2274/1010)
	51	Gradeability @ 1mph (1.6kph) RL/NL	%	40/30		34/26 27/24 25/20	
POWERTRAIN	52	Engine manufacturer and model	Yanmar 4TNE94L		Yanmar 4TNE98		
	53	Power output @ RPM	hp (kW)	47 (35) @ 2400	47 (35) @ 2400	59 (44) @ 2300	
	54	Torque @ RPM	ft-lbs (N-m)	120 (162) @ 1500	120 (162) @ 1500	148 (200) @ 1700	
	55	Number of cylinders/displacement	cc (ci)	4/3053 (186)	4/3053 (186)	4/3319 (203)	
	56	Battery type	Maintenance free				
	57	Volts/cold cranking amps	V/A	12/550			
	58	Transmission type, standard	Electronic powershift				
	59	Standard speeds, forward - reverse	1 - 1				
	60	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2610 (18.0)			
	61	Oil flow for attachments	gal/min (L/min)	16 (60)			
	62	Hydraulic tank capacity (drain and refill)	gal (L)	9.0 (34.2)			
	63	Fuel tank capacity (gas & diesel powered units only)	gal (L)	10.5 (39.9)			

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 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 the proposed application should be discussed with your authorized Hyster dealer.

Note: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = rated load NL = no load



MAST AND CAPACITY INFORMATION — MECHANICAL TRANSMISSION

H40A MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION									
Type	Max. lift height (top of fork)	Overall lowered height ²	Overall extended height		Free lift height (top of fork)		Mast tilt Fwd/Back	Capacity ¹	
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Std tread	Dual tread
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		lb (kg)	lb (kg)
2LFL	129.9 (3300)	85.0 (2160)	152.6 (3875)	168.9 (4290)	6.3 (160)	6.3 (160)	6/6	3960 (1800)	3960 (1800)
2FFL	129.9 (3300)	85.0 (2160)	153.1 (3890)	168.9 (4290)	6.18 (1570)	46.1 (1170)	6/6	3960 (1800)	3960 (1800)
3FFL	171.3 (4350)	79.1 (2010)	191.7 (4870)	210.2 (5340)	54.7 (1390)	40.2 (1020)	6/6	3830 (1740)	3830 (1740)
	177.2 (4500)	81.1 (2060)	197.5 (5017)	216.1 (5490)	56.7 (1440)	42.1 (1070)	6/6	3770 (1710)	3770 (1710)
	189.0 (4800)	85.0 (2160)	209.4 (5320)	228.0 (5790)	60.6 (1540)	46.1 (1170)	6/6	3640 (1650)	3640 (1650)
	196.9 (5000)	89.0 (2260)	217.2 (5517)	235.8 (5990)	64.6 (1640)	50.0 (1270)	6/6	3530 (1600)	3530 (1600)
	216.5 (5500)	95.5 (2425)	236.9 (6017)	255.5 (6490)	70.9 (1800)	56.3 (1430)	6/6	3200 (1450)	3200 (1450)

H50A MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION									
Type	Max. lift height (top of fork)	Overall lowered height ²	Overall extended height		Free lift height (top of fork)		Mast tilt Fwd/Back	Capacity ¹	
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Std tread	Dual tread
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		lb (kg)	lb (kg)
2LFL	129.9 (3300)	85.0 (2160)	152.6 (3875)	168.9 (4290)	6.3 (160)	6.3 (160)	6/6	5000 (2270)	5000 (2270)
2FFL	129.9 (3300)	85.0 (2160)	153.1 (3890)	168.9 (4290)	6.18 (1570)	46.1 (1170)	6/6	5000 (2270)	5000 (2270)
3FFL	171.3 (4350)	79.1 (2010)	191.7 (4870)	210.2 (5340)	54.7 (1390)	40.2 (1020)	6/6	4720 (2140)	4720 (2140)
	177.2 (4500)	81.1 (2060)	197.5 (5017)	216.1 (5490)	56.7 (1440)	42.1 (1070)	6/6	4650 (2110)	4650 (2110)
	189.0 (4800)	85.0 (2160)	209.4 (5320)	228.0 (5790)	60.6 (1540)	46.1 (1170)	6/6	4500 (2040)	4500 (2040)
	196.9 (5000)	89.0 (2260)	217.2 (5517)	235.8 (5990)	64.6 (1640)	50.0 (1270)	6/6	4390 (1990)	4390 (1990)
	216.5 (5500)	95.5 (2425)	236.9 (6017)	255.5 (6490)	70.9 (1800)	56.3 (1430)	6/6	3900 (1770)	4120 (1870)

H60A MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION									
Type	Max. lift height (top of fork)	Overall Lowered height ²	Overall extended height		Free lift height (top of fork)		Mast tilt Fwd/back	Capacity ¹	
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Std tread	Dual tread
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		lb (kg)	lb (kg)
2LFL	118.1 (3000)	81.7 (2075)	143.3 (3640)	161.4 (4100)	6.5 (165)	6.5 (165)	6/6	6000 (2720)	6000 (2720)
	129.9 (3300)	87.6 (2225)	155.1 (3940)	173.2 (4400)	6.5 (165)	6.5 (165)	6/6	6000 (2720)	6000 (2720)
2FFL	118.1 (3000)	81.7 (2075)	143.7 (3650)	161.4 (4100)	56.1 (1425)	38.4 (975)	6/6	6000 (2720)	6000 (2720)
	129.9 (3300)	87.6 (2225)	155.5 (3950)	173.2 (4400)	62.0 (1575)	44.3 (1125)	6/6	6000 (2720)	6000 (2720)
	137.8 (3500)	91.5 (2325)	163.4 (4150)	181.1 (4600)	65.9 (1675)	48.2 (1225)	6/6	6000 (2720)	6000 (2720)
3FFL	171.3 (4350)	81.7 (2075)	194.9 (4950)	214.6 (5450)	58.1 (1475)	38.4 (975)	6/6	5640 (2560)	5640 (2560)
	177.2 (4500)	83.7 (2125)	200.8 (5100)	220.5 (5600)	60.0 (1525)	40.4 (1025)	6/6	5580 (2530)	5580 (2530)
	189.0 (4800)	87.6 (2225)	212.6 (5400)	232.3 (5900)	64.0 (1625)	44.3 (1125)	6/6	5420 (2460)	5420 (2460)
	196.9 (5000)	91.5 (2325)	220.5 (5600)	240.2 (6100)	67.9 (1725)	48.2 (1225)	6/6	5310 (2410)	5310 (2410)
	216.5 (5500)	98.0 (2490)	240.2 (6100)	259.8 (6600)	74.0 (1880)	54.3 (1380)	6/6	4830 (2190)	5030 (2280)
	236.2 (6000)	105.3 (2675)	259.8 (6600)	279.5 (7100)	81.7 (2075)	62.0 (1575)	6/6	3660 (1660)	4720 (2140)

H70A MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION									
Type	Max. lift height (top of fork)	Overall Lowered height ²	Overall extended height		Free lift height (Top of fork)		Mast tilt Fwd/back	Capacity ¹	
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Std tread	Dual tread
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		lb (kg)	lb (kg)
2LFL	118.1 (3000)	84.6 (2150)	145.7 (3700)	161.4 (4100)	6.7 (170)	6.7 (170)	6/6	7000 (3175)	7000 (3175)
	129.9 (3300)	90.6 (2300)	157.5 (4000)	173.2 (4400)	6.7 (170)	6.7 (170)	6/6	7000 (3175)	7000 (3175)
2FFL	118.1 (3000)	84.6 (2150)	144.9 (3680)	161.4 (4100)	57.9 (1470)	41.3 (1050)	6/6	7000 (3175)	7000 (3175)
	129.9 (3300)	90.6 (2300)	156.7 (3980)	173.2 (4400)	63.8 (1620)	47.2 (1200)	6/6	7000 (3175)	7000 (3175)
	137.8 (3500)	94.5 (2400)	164.6 (4180)	181.1 (4600)	67.7 (1720)	51.2 (1300)	6/6	7000 (3175)	7000 (3175)
3FFL	171.3 (4350)	84.6 (2150)	196.5 (4990)	214.6 (5450)	59.4 (1510)	41.3 (1050)	6/6	6590 (2990)	6590 (2990)
	177.2 (4500)	86.6 (2200)	202.4 (5140)	220.5 (5600)	61.4 (1560)	43.3 (1100)	6/6	6530 (2960)	6530 (2960)
	189.0 (4800)	90.6 (2300)	214.2 (5440)	232.3 (5900)	65.4 (1660)	47.2 (1200)	6/6	6350 (2880)	6350 (2880)
	196.9 (5000)	94.5 (2400)	222.0 (5640)	240.2 (6100)	69.3 (1760)	51.2 (1300)	6/6	6240 (2830)	6240 (2830)
	216.5 (5500)	101.0 (2565)	241.7 (6140)	259.8 (6600)	75.4 (1915)	57.3 (1455)	6/6	5050 (2290)	5950 (2700)
	236.2 (6000)	108.3 (2750)	261.4 (6640)	279.5 (7100)	83.1 (2110)	65.0 (1650)	6/6	4080 (1850)	5620 (2550)

¹ Approximate capacity shown at 24in. (610mm) load center with pneumatic-shaped solid tires. Actual truck capacity dependent upon equipped options. Contact your dealer for more information.

² Overall lowered height increases by 0.9in. (22mm) when equipped with 28x9 drive tires.

AVAILABLE OPTIONS

POWERTRAIN

Engine - Yanmar 2.2L EPA-certified LPG
 Engine - Yanmar 2.2L EPA-certified dual fuel LPG/gasoline
 Engine - Yanmar 2.2L Unregulated LPG
 Engine - Yanmar 2.2L Unregulated dual fuel LPG/gasoline
 Engine - Yanmar 3.0L Unregulated Diesel
 Engine - Yanmar 3.3L Unregulated Diesel
 Engine - Yanmar 2.1L EPA-certified diesel
 Powershift transmission
 Duramatch™ transmission
 Brakes - self energizing drum
 Brakes - oil-cooled wet disc brakes
 Key switch start
 Keyless start with operator password
 Keyless start - toggle switch
 High air intake
 High air intake with pre-cleaner
 Heavy duty high air intake with or without pre-cleaner
 Non-locking fuel cap
 Locking fuel cap
 Fixed LPG tank bracket
 Swing-out LPG tank bracket
 Swing-out and drop down LPG tank bracket
 LPG tank bracket Interlock
 Low exhaust
 Overhead exhaust
 Exhaust wraps
 Single pedal inch brake
 Dual pedal inch brake
 Diamond plate brake pedal pad
 U.L. label - standard construction (type LP, G/LP or D)
 U.L. label - safety construction (type LPS, GS/LPS or DS)
 System monitoring
 Premium monitoring
 On-demand cooling system
 High capacity starter battery
 Low voltage prevention system
 Engine block heater
 Radiator lint screen
 Powertrain protection system with engine shutdown

"Empty seat" engine shutdown

Traction speed limiter pre-set to 8mph

Travel speed indicator

Travel speed alarm

LIFT OPTIONS - FRONT END EQUIPMENT

2-stage limited free lift mast

2-stage full free lift mast

3-stage full free lift mast

42" wide hook type carriage

42" wide hook type integral sideshift carriage

42" wide hook type integral sideshifting fork positioner carriage

48" wide hook type carriage

48" wide hook type integral sideshift carriage

48" wide hook type integral sideshifting fork positioner carriage

54" wide hook type carriage

54" wide hook type integral sideshift carriage

Hook type standard taper forks

Hook type polished & full bottom taper forks

48" high load backrest extension

36" high load backrest extension

60" high load backrest extension

Mast tilt - 6° forward / 6° back

Mast tilt - 10° forward / 6° back

Tilt cylinder boots

Hydraulic accumulator

Laser level line

Height selector

LIFT OPTIONS - HYDRAULICS

Standard displacement hydraulic pump

On-demand hydraulic system

Mechanical lever hydraulic controls

Mini-lever hydraulic controls

Joystick hydraulic controls

Hydraulic controls for use with clamping attachments

Hydraulic controls with return to set tilt

3-function (1 auxiliary) hydraulic control valve

4-function (2 auxiliary) hydraulic control valve

Auxiliary function hose groups

Attachment extension tubes, with or without quick disconnects

High temperature hydraulic fluid

CHASSIS - WHEELS & TIRES

Standard tread width

Wide tread width

Dual tread width

Pneumatic tires

Pneumatic radial tires

Pneumatic shaped solid tires

Pneumatic shaped solid tires - premium compound

Pneumatic shaped solid tires - premium, non-marking

Front mud guards

CHASSIS

Dynamic Stability System (DSS)

Belly screen

Drive axle string cutters

Tie downs

Hyster Tracker™ wireless monitoring

Hyster Tracker™ wireless access

Hyster Tracker™ wireless verification

CHASSIS - OPERATOR COMPARTMENT

85" rectangular tube operator compartment

85" figure 8 tube operator compartment

Grid style overhead guard

Clear view overhead guard

Clear view overhead guard - cab ready

Front and top cab panels

Rear cab panel

Steel cab doors

PVC cab doors

Polycarbonate rain top

Cab heater

Air conditioning

Directional lever direction control

MONOTROL® Directional Control Pedal

Seat side directional control

Steering wheel with spinner knob

Tilt steering column - infinitely adjustable with 26 degree range

Telescopic steering column

2.8" color touchscreen operator display

5" color touchscreen operator display

Synchronous Steering

CHASSIS - OPERATOR COMPARTMENT (CONTINUED)

Non-suspension vinyl seat

Non-suspension cloth seat

Full-suspension seat, vinyl or cloth

Air ride full-suspension seat, vinyl or cloth

Low-profile full-suspension vinyl seat

Seat belt - black - no-cinch with ELR

Seat belt - high-visibility red - no-cinch with ELR

Seat belt - high-visibility red - no-cinch with ELR + start interlock

CHASSIS - OPERATOR COMPARTMENT ACCESSORIES

Accessory mounting post

Dual side mirrors

Single panoramic mirror

Rear drive handle with horn button

12-volt auxiliary supply

12-volt power supply with 2 USB charging ports

Operator fan

Reading light

Fire extinguisher

Reverse driving camera with rear-mounted display

LIGHTS & ALARMS

Halogen work lights

LED work lights

Reverse-activated rear work light

Key activated work light control

Automatic (ambient) work light control

LED brake/tail/backup tail light package, with or without turn signals

Visible alarm amber strobe - keyswitch activated

Blue LED pedestrian awareness spot light - front, rear or both

Red LED pedestrian awareness spot light - front, rear or both

Red pedestrian awareness perimeter lights - left and right

Red pedestrian awareness perimeter lights - left, right and rear

LED mast lights - 2 up, 2 down or 2 up/2 down

Audible alarm - reverse direction activated - self-adjusting



Hyster Company
P.O. Box 7006, Greenville, North Carolina 27835-7006

© Hyster Company. 2025, all rights reserved. Hyster and  are trademarks of Hyster-Yale Group, Inc.

Hyster products are subject to change with notice.

Trucks may be shown with optional equipment and/or features not available in all regions.