

# H40-70A

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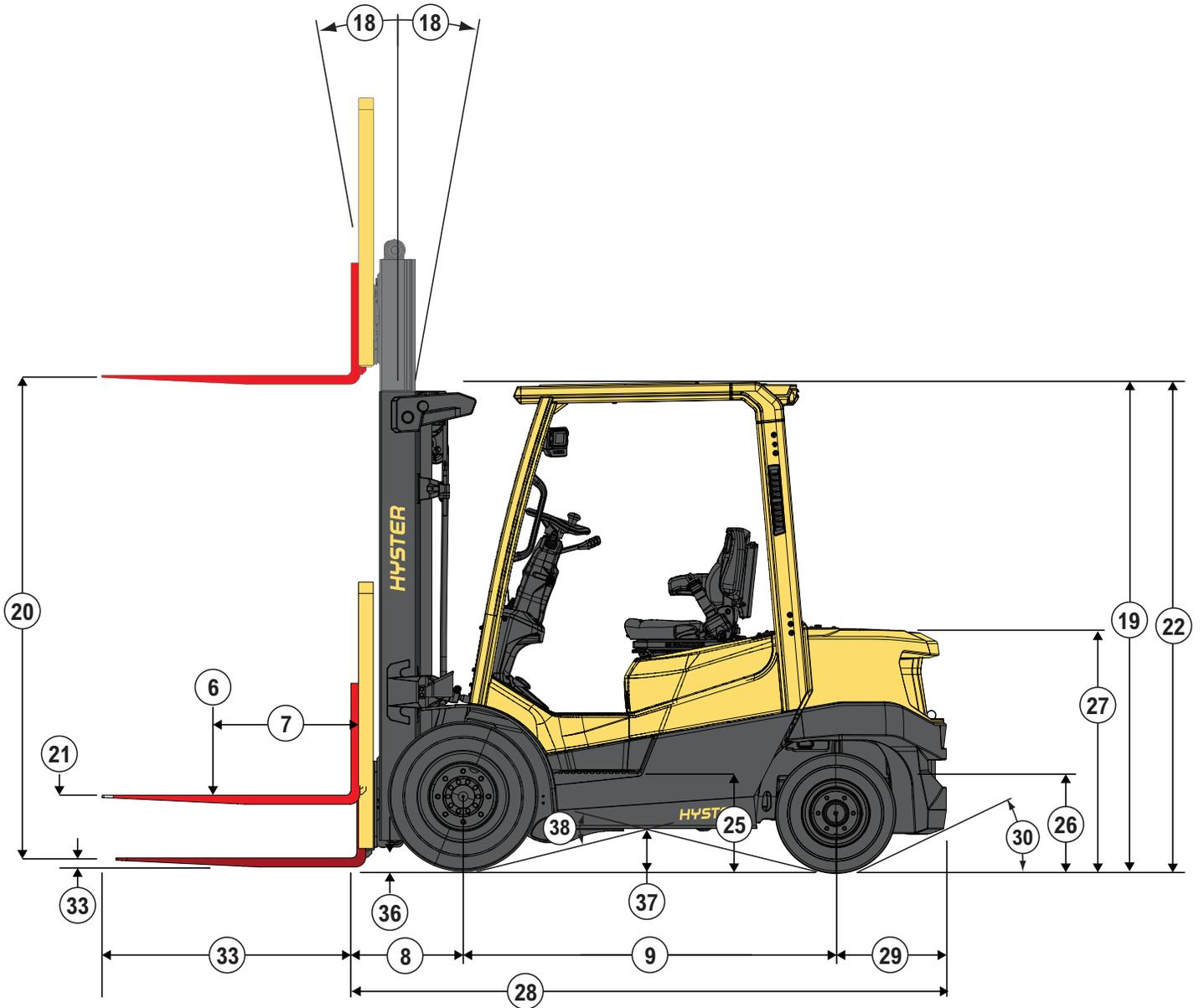


**INTERNAL COMBUSTION ENGINE  
PNEUMATIC TIRE | 4,000-7,000 LB**

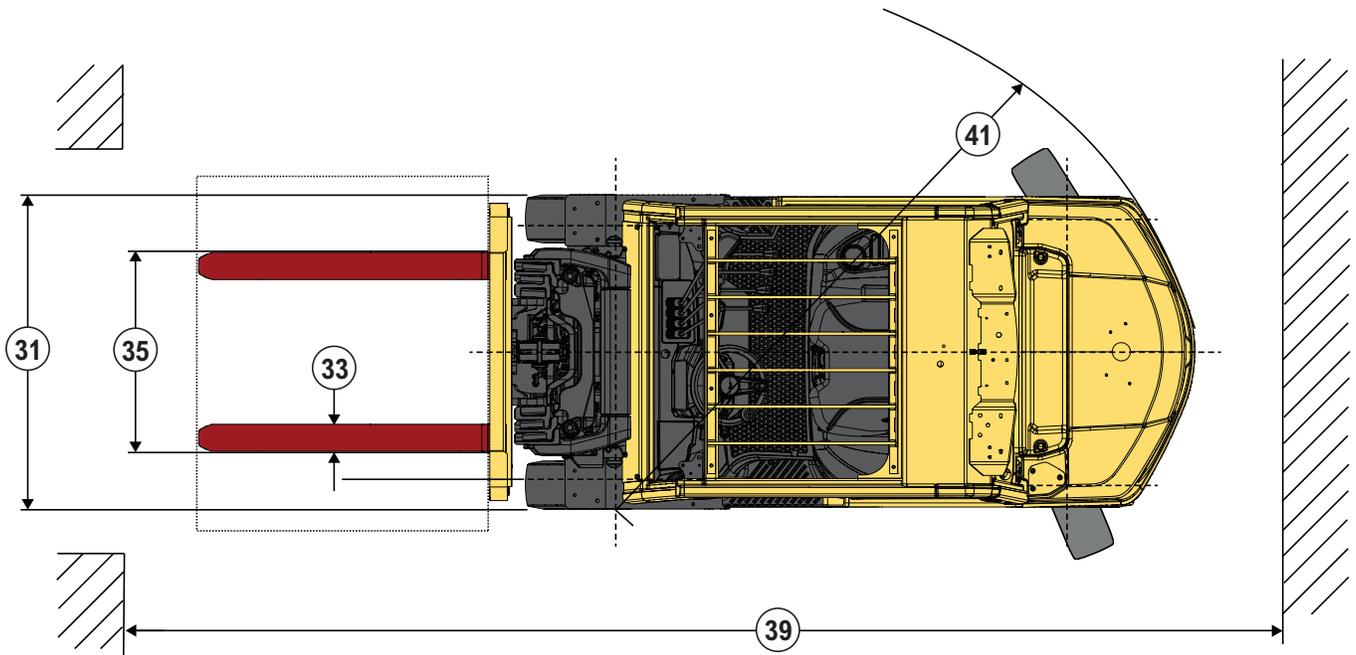
**PRODUCT TECHNICAL GUIDE**



# H40-70A DIMENSIONS



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



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Dimensions are in inches (millimeters).

# SPECIFICATIONS — LPG MECHANICAL TRANSMISSION

		Hyster Company					
		H40A	H50A	H60A	H70A		
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				
	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

		Hyster Company						
		H40A	H50A	H60A	H70A			
		Yanmar 2.1L						
<b>GENERAL</b>	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)		
<b>WEIGHT</b>	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)	
<b>TIRES</b>	14	Tire type	Pneumatic					
	15	Tire size, front	7.00-12		28x9-15			
	16	Tire size, rear	6.00x9		6.50x10			
<b>DIMENSIONS</b>	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)	85.0 (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)	
	<b>PERFORMANCE</b>	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	%	22/26		23/26	20/25
<b>POWERTRAIN</b>	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)				

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

# SPECIFICATIONS — LPG ELECTRONIC TRANSMISSION

		Hyster Company					
		H40A	H50A	H60A	H70A		
GENERAL	1	Manufacturer name	Hyster Company				
	2	Model					
	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 <sup>1</sup>	in (mm)	85.0 (2160)		85.9 (2182)	
	23	Height of lowered overhead guard <sup>1</sup>	in (mm)	82.4 (2093)		83.3 (2115)	
	24	Height of cab <sup>1</sup>	in (mm)	87.3 (2217)		88.1 (2239)	
	25	Step height <sup>1</sup>	in (mm)	17.3 (440)		18.2 (462)	
	26	Tow pin height <sup>1</sup>	in (mm)	17.3 (440)		18.2 (462)	
	27	Height of counterweight <sup>1</sup>	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)			

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

# 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 <sup>1</sup>	in (mm)	85.0 (2160)		85.9 (2182)		
	23	Height of lowered overhead guard <sup>1</sup>	in (mm)	82.4 (2093)		83.3 (2115)		
	24	Height of cab <sup>1</sup>	in (mm)	87.3 (2217)		88.1 (2239)		
	25	Step height <sup>1</sup>	in (mm)	17.3 (440)		18.2 (462)		
	26	Tow pin height <sup>1</sup>	in (mm)	17.3 (440)		18.2 (462)		
	27	Height of counterweight <sup>1</sup>	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

# MAST AND CAPACITY INFORMATION – MECHANICAL TRANSMISSION

H40A MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION									
Type	Max. lift height (top of fork)	Overall lowered height <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt  Fwd/Back  degrees	Capacity <sup>1</sup>	
			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)		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	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 <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt  Fwd/Back  degrees	Capacity <sup>1</sup>	
			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)		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 <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt  Fwd/back  degrees	Capacity <sup>1</sup>	
			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)		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 <sup>2</sup>	Overall extended height		Free lift height (Top of fork)		Mast tilt  Fwd/back  degrees	Capacity <sup>1</sup>	
			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)		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)

<sup>1</sup> 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.

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

# MAST AND CAPACITY INFORMATION – ELECTRONIC TRANSMISSION

H40A MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION										
Type	Max. lift height (top of fork)	Overall Lowered height <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt	Capacity <sup>1</sup>		
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Fwd/back	Std tread	Dual tread
			in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees	lb (kg)
2LFL	128.3 (3260)	85.4 (2170)	152.4 (3870)	176.4 (4480)	3.5 (90)	3.5 (90)	6/6	4000 (1814)	4000 (1814)	4000 (1814)
2FFL	131.5 (3340)	85.4 (2170)	155.5 (3950)	179.5 (4560)	61.4 (1560)	37.4 (950)	6/6	3950 (1792)	3950 (1792)	3950 (1792)
3FFL	173.2 (4400)	79.5 (2020)	196.9 (5000)	221.3 (5620)	55.9 (1420)	31.5 (800)	6/6	4000 (1814)	4000 (1814)	4000 (1814)
	183.1 (4650)	81.5 (2070)	206.7 (5250)	231.1 (5870)	57.9 (1470)	33.5 (850)	6/6	3900 (1769)	3900 (1769)	3900 (1769)
	189.0 (4800)	81.5 (2070)	212.6 (5400)	237.0 (6020)	59.8 (1520)	33.5 (850)	6/6	3850 (1746)	3850 (1746)	3850 (1746)
	194.9 (4950)	85.4 (2170)	218.5 (5550)	242.9 (6170)	61.8 (1570)	37.4 (950)	6/6	3750 (1701)	3750 (1701)	3750 (1701)
	200.8 (5100)	89.4 (2270)	224.4 (5700)	248.8 (6320)	65.7 (1670)	41.3 (1050)	6/6	3700 (1678)	3700 (1678)	3700 (1678)
	218.5 (5550)	95.3 (2420)	242.1 (6150)	266.5 (6770)	70.1 (1780)	47.2 (1200)	6/6	3500 (1588)	3500 (1588)	3500 (1588)

H50A MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION										
Type	Max. lift height (top of fork)	Overall Lowered height <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt	Capacity <sup>1</sup>		
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Fwd/back	Std tread	Dual tread
			in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees	lb (kg)
2LFL	128.3 (3260)	85.4 (2170)	152.4 (3870)	176.4 (4480)	3.5 (90)	3.5 (90)	6/6	5000 (2268)	5000 (2268)	5000 (2268)
2FFL	131.5 (3340)	85.4 (2170)	155.5 (3950)	179.5 (4560)	61.4 (1560)	37.4 (950)	6/6	4950 (2245)	4950 (2245)	4950 (2245)
3FFL	173.2 (4400)	79.5 (2020)	196.9 (5000)	221.3 (5620)	55.9 (1420)	31.5 (800)	6/6	5000 (2268)	5000 (2268)	5000 (2268)
	183.1 (4650)	81.5 (2070)	206.7 (5250)	231.1 (5870)	57.9 (1470)	33.5 (850)	6/6	4850 (2200)	4850 (2200)	4850 (2200)
	189.0 (4800)	81.5 (2070)	212.6 (5400)	237.0 (6020)	59.8 (1520)	33.5 (850)	6/6	4800 (2177)	4800 (2177)	4800 (2177)
	194.9 (4950)	85.4 (2170)	218.5 (5550)	242.9 (6170)	61.8 (1570)	37.4 (950)	6/6	4750 (2155)	4750 (2155)	4750 (2155)
	200.8 (5100)	89.4 (2270)	224.4 (5700)	248.8 (6320)	65.7 (1670)	41.3 (1050)	6/6	4650 (2109)	4650 (2109)	4650 (2109)
	218.5 (5550)	95.3 (2420)	242.1 (6150)	266.5 (6770)	70.1 (1780)	47.2 (1200)	6/6	4450 (2018)	4450 (2018)	4450 (2018)

H60A MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION										
Type	Max. lift height (top of fork)	Overall Lowered height <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt	Capacity <sup>1</sup>		
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Fwd/back	Std tread	Dual tread
			in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees	lb (kg)
2LFL	121.3 (3080)	86.4 (2195)	148.0 (3760)	169.3 (4300)	3.9 (100)	3.9 (100)	6/6	6000 (2722)	6000 (2722)	6000 (2722)
	125.2 (3180)	88.4 (2245)	152.2 (3865)	173.2 (4400)	3.9 (100)	3.9 (100)	6/6	6000 (2722)	6000 (2722)	6000 (2722)
2FFL	126.1 (3205)	86.4 (2195)	153.0 (3885)	174.2 (4425)	59.4 (1510)	38.4 (975)	6/6	5950 (2699)	5950 (2699)	5950 (2699)
	134.1 (3405)	90.4 (2295)	160.8 (4085)	182.1 (4625)	63.4 (1610)	42.3 (1075)	6/6	5950 (2699)	5950 (2699)	5950 (2699)
3FFL	181.9 (4620)	86.4 (2195)	208.3 (5290)	229.9 (5840)	59.8 (1520)	38.2 (970)	6/6	5800 (2631)	5800 (2631)	5800 (2631)
	187.8 (4770)	90.4 (2295)	214.2 (5440)	235.8 (5990)	63.8 (1620)	42.1 (1070)	6/6	5700 (2585)	5700 (2585)	5700 (2585)
	193.7 (4920)	92.3 (2345)	220.1 (5590)	241.7 (6140)	65.7 (1670)	44.1 (1120)	6/6	5650 (2563)	5650 (2563)	5650 (2563)
	211.4 (5370)	100.0 (2540)	237.8 (6040)	259.4 (6590)	73.6 (1870)	52.0 (1320)	6/6	5150 (2336)	5400 (2449)	5400 (2449)
	217.3 (5520)	102.0 (2590)	243.7 (6190)	265.4 (6740)	75.6 (1920)	53.9 (1370)	6/6	4900 (2223)	5300 (2404)	5350 (2427)
	229.1 (5820)	105.9 (2690)	255.5 (6490)	277.2 (7040)	79.5 (2020)	57.9 (1470)	6/6	4300 (1950)	5150 (2336)	5150 (2336)

H70A MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION										
Type	Max. lift height (top of fork)	Overall Lowered height <sup>2</sup>	Overall extended height		Free lift height (top of fork)		Mast tilt	Capacity <sup>1</sup>		
			Without LBR	With 48 in (1220 mm) LBR	Without LBR	With 48 in (1220 mm) LBR		Fwd/back	Std tread	Dual tread
			in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees	lb (kg)
2LFL	121.3 (3080)	86.4 (2195)	148.0 (3760)	169.3 (4300)	3.9 (100)	3.9 (100)	6/6	7000 (3175)	7000 (3175)	7000 (3175)
	125.2 (3180)	88.4 (2245)	152.2 (3865)	173.2 (4400)	3.9 (100)	3.9 (100)	6/6	7000 (3175)	7000 (3175)	7000 (3175)
2FFL	126.1 (3205)	86.4 (2195)	153.0 (3885)	174.2 (4425)	59.4 (1510)	38.4 (975)	6/6	7000 (3175)	7000 (3175)	7000 (3175)
	134.1 (3405)	90.4 (2295)	160.8 (4085)	182.1 (4625)	63.4 (1610)	42.3 (1075)	6/6	7000 (3175)	7000 (3175)	7000 (3175)
3FFL	181.9 (4620)	86.4 (2195)	208.3 (5290)	229.9 (5840)	59.8 (1520)	38.2 (970)	6/6	6800 (3084)	6800 (3084)	6800 (3084)
	187.8 (4770)	90.4 (2295)	214.2 (5440)	235.8 (5990)	63.8 (1620)	42.1 (1070)	6/6	6700 (3039)	6700 (3039)	6700 (3039)
	193.7 (4920)	92.3 (2345)	220.1 (5590)	241.7 (6140)	65.7 (1670)	44.1 (1120)	6/6	6350 (2880)	6600 (2993)	6650 (3016)
	211.4 (5370)	100.0 (2540)	237.8 (6040)	259.4 (6590)	73.6 (1870)	52.0 (1320)	6/6	5250 (2381)	6350 (2880)	6400 (2903)
	217.3 (5520)	102.0 (2590)	243.7 (6190)	265.4 (6740)	75.6 (1920)	53.9 (1370)	6/6	4900 (2223)	6300 (2858)	6300 (2858)
	229.1 (5820)	105.9 (2690)	255.5 (6490)	277.2 (7040)	79.5 (2020)	57.9 (1470)	6/6	4250 (1928)	6100 (2767)	6100 (2767)

<sup>1</sup> 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.

<sup>2</sup> 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 2.1L 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

## 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



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