



# GP 40-70N

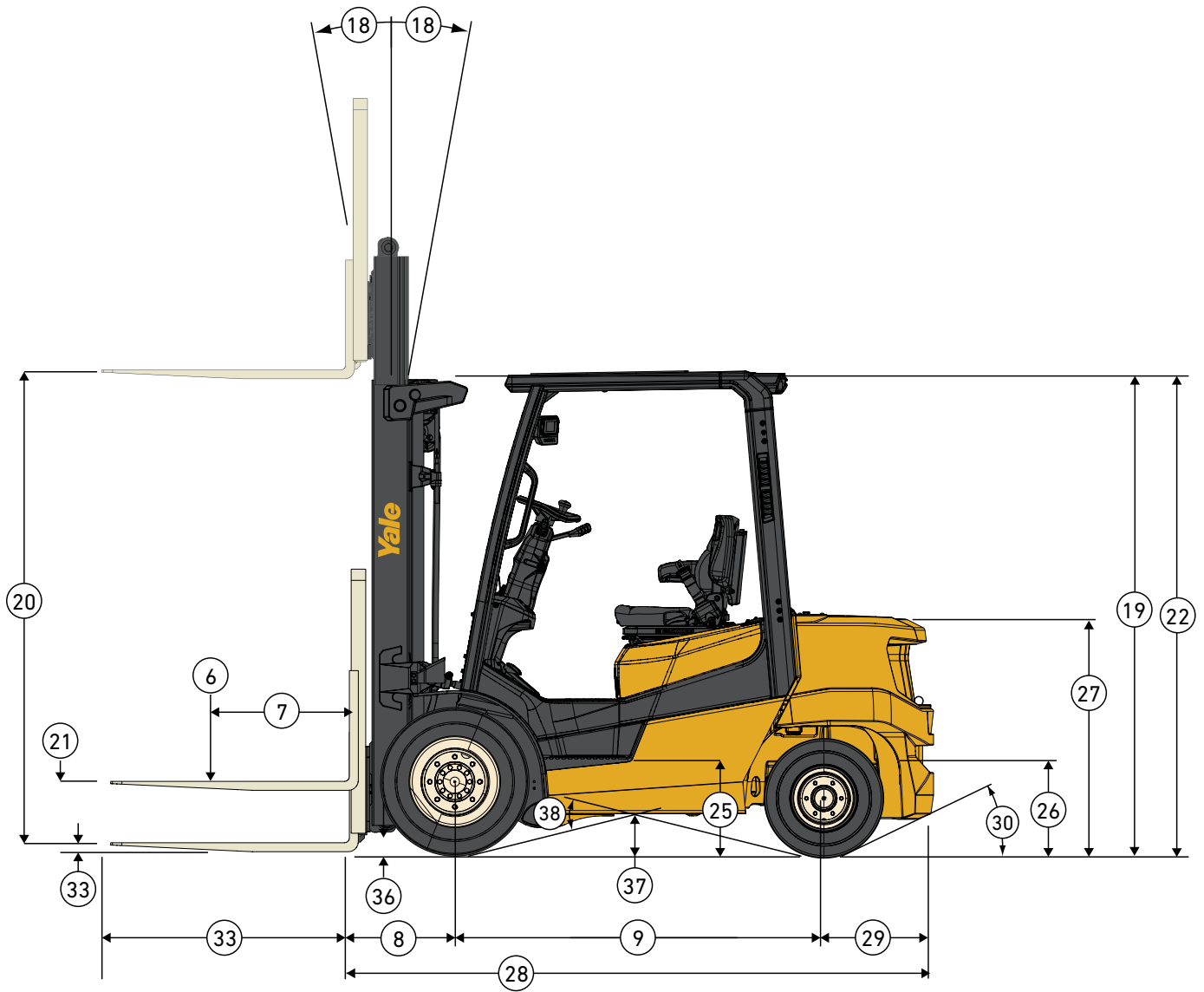
SPEC SHEET

Pneumatic tire internal combustion  
counterbalanced forklift

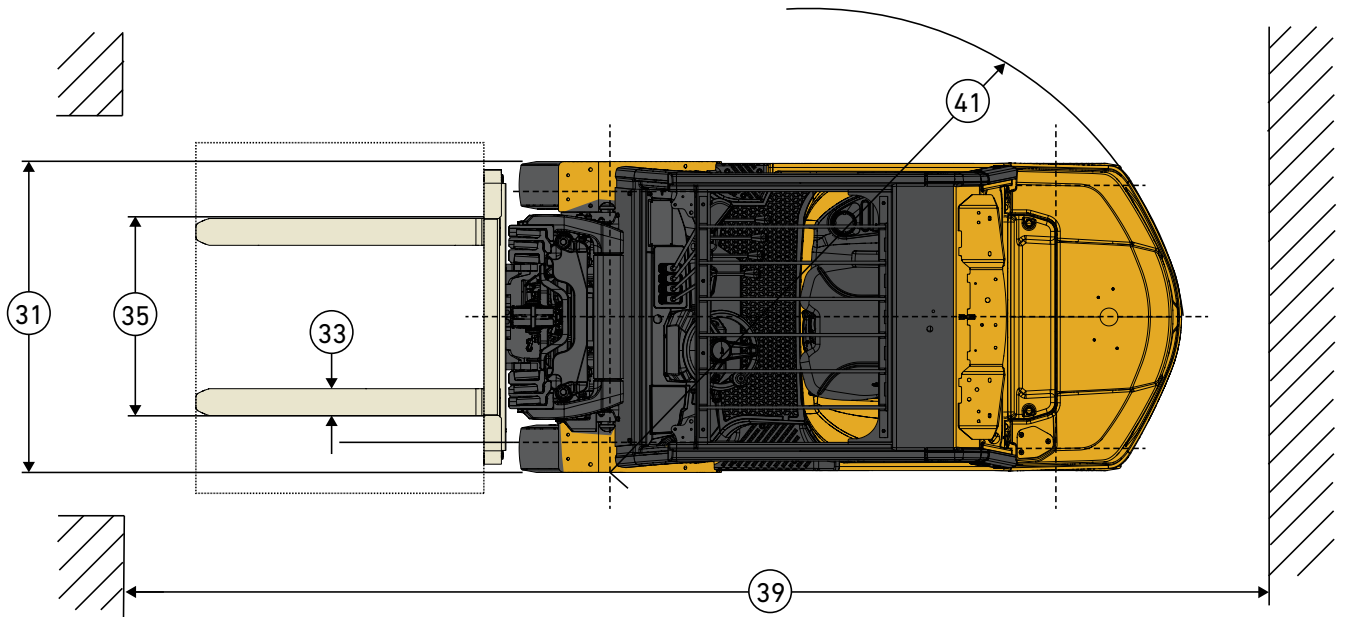
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4000 - 7000lbs  
1814-3175 kg

# TRUCK DIMENSIONS



TRUCK DIMENSIONS



**GP40-70N LPG SPECIFICATIONS WITH MECHANICAL TRANSMISSION**

		Yale					
		GP40N	GP50N	GP60N	GP70N		
GENERAL	1	Manufacturer name	Yale				
	2	Model	GP40N	GP50N	GP60N	GP70N	
	3	Engine	Yanmar 2.2L				
	4	Power type: LPG, Diesel, Dual Fuel	LPG				
	5	Operator type	Seated				
	6	Rated capacity	lbs. (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	lbs. (kg)	7670 (3480)	8520 (3865)	9820 (4455)	10760 (4880)
	11	Weight, standard tTruck RL	lbs. (kg)	11670 (5290)	13520 (6130)	15820 (7180)	17760 (8060)
	12	Axle loading front/rear NL	lbs. (kg)	3590/4080 (1630/1850)	3560/4960 (1615/2250)	3960/5840 (1795/2650)	3970/6770 (1800/3070)
	13	Axle loading front/rear RL	lbs. (kg)	10620/1470 (4815/665)	12330/1700 (5593/772)	14430/2010 (6545/910)	16270/2200 (7380/1000)
TIRES	14	Tire type: cushion, solid, pneumatic	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	lbs. (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-lbs. (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)			

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

RL = Rated Load | NL = No Load

**GP40-70N DIESEL SPECIFICATIONS WITH MECHANICAL TRANSMISSION**

		Yale					
		GP40N	GP50N	GP60N	GP70N		
GENERAL	1	Manufacturer name	Yale				
	2	Model	GP40N	GP50N	GP60N	GP70N	
	3	Engine	Yanmar 2.1L				
	4	Power type: LPG, Diesel, Dual Fuel	Diesel				
	5	Operator type	Seated				
	6	Rated capacity	lbs. (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	lbs. (kg)	7670 (3480)	8520 (3865)	9820 (4455)	10760 (4880)
	11	Weight, standard tTruck RL	lbs. (kg)	11670 (5290)	13520 (6130)	15820 (7180)	17760 (8060)
	12	Axle loading front/rear NL	lbs. (kg)	3590/4080 (1630/1850)	3560/4960 (1615/2250)	3960/5840 (1795/2650)	3970/6770 (1800/3070)
	13	Axle loading front/rear RL	lbs. (kg)	10620/1470 (4815/665)	12330/1700 (5593/772)	14430/2010 (6545/910)	16270/2200 (7380/1000)
TIRES	14	Tire type: cushion, solid, pneumatic	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	lbs. (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 4TN86DHT				
	48	Power output @ RPM	hp (kW)	59 (44) @ 2530			
	49	Torque @ RPM	ft-lbs. (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)			

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

RL = Rated Load | NL = No Load

**GP40-70N DIESEL (UNREGULATED) WITH MECHANICAL TRANSMISSION**

GENERAL	1	Manufacturer name	Yale				
	2	Model	GP40N	GP50N	GP60N	GP70N	
	3	Engine	Yanmar 3.0L		Yanmar 3.3L		
	4	Power type: LPG, Diesel, Dual Fuel	Diesel				
	5	Operator type	Seated				
	6	Rated capacity	lbs. (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	lbs. (kg)	7670 (3480)	8520 (3865)	9820 (4455)	10760 (4880)
	11	Weight, standard tTruck RL	lbs. (kg)	11670 (5290)	13520 (6130)	15820 (7180)	17760 (8060)
	12	Axle loading front/rear NL	lbs. (kg)	3590/4080 (1630/1850)	3560/4960 (1615/2250)	3960/5840 (1795/2650)	3970/6770 (1800/3070)
	13	Axle loading front/rear RL	lbs. (kg)	10620/1470 (4815/665)	12330/1700 (5593/772)	14430/2010 (6545/910)	16270/2200 (7380/1000)
TIRES	14	Tire type: cushion, solid, pneumatic	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	lbs. (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 4TNE98		
	48	Power output @ RPM	hp (kW)	47 (35) @ 2400		59 (44) @ 2300	
	49	Torque @ RPM	ft-lbs. (N-m)	120 (162) @ 1500		148 (200) @ 1700	
	50	Number of cylinders/displacement	cc (ci)	4/3053 (186)		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)			

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

RL = Rated Load | NL = No Load

**GP40-70N LPG SPECIFICATIONS WITH ELECTRONIC TRANSMISSION**

		Yale					
		GP40N	GP50N	GP60N	GP70N		
GENERAL	1	Manufacturer name	Yale				
	2	Model	GP40N	GP50N	GP60N	GP70N	
	3	Engine	Yanmar 2.2L				
	4	Power type: LPG, diesel, dual fuel	LPG				
	5	Operator type	Seated				
	6	Rated capacity	lbs. (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	lbs. (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)
	11	Weight, standard truck RL	lbs. (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)
	12	Axle loading front/rear NL	lbs. (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)
	13	Axle loading front/rear RL	lbs. (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)
TIRES	14	Tire type: cushion, solid, pneumatic	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)			
	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)	
POWERTRAIN	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)			
	49	Drawbar pull @ 1mph (1.6kph) RL/NL	lbs. (kg)	3890/2388 (1764/1083)	3854/2287 (1748/1037)	3769/2488 (1710/1129)	3738/2227 (1696/1010)
	50	Maximum drawbar pull RL/NL	lbs. (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
	52	Engine manufacturer and model	Yanmar 4TN88G				
	53	Power output @ RPM	hp (kW)	56 (42) @ 2530			
	54	Torque @ RPM	ft-lbs. (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)				

<sup>1</sup> GP40-70N models: height increases by 0.9in. (22mm) when equipped with 28x9 drive tires.

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

RL = Rated Load NL = No Load

**GP40-70N DIESEL SPECIFICATIONS WITH ELECTRONIC TRANSMISSION**

		Yale					
		GP40N	GP50N	GP60N	GP70N		
GENERAL	1	Manufacturer name	Yale				
	2	Model	GP40N	GP50N	GP60N	GP70N	
	3	Engine	Yanmar 2.1L				
	4	Power type: LPG, diesel, dual fuel	Diesel				
	5	Operator type	Seated				
	6	Rated capacity	lbs. (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	lbs. (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)
	11	Weight, standard truck RL	lbs. (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)
	12	Axle loading front/rear NL	lbs. (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)
	13	Axle loading front/rear RL	lbs. (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)
TIRES	14	Tire type: cushion, solid, pneumatic	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)	
POWERTRAIN	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	lbs. (kg)	4434/2388 (2011/1083)	4398/2287 (1995/1037)	4307/2488 (1954/1129)	4276/2227 (1940/1010)
	50	Maximum drawbar pull RL/NL	lbs. (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
	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)			

<sup>1</sup> GP40-70N models: height increases by 0.9in. (22mm) when equipped with 28x9 drive tires.

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

RL = Rated Load NL = No Load



**GP40-70N DIESEL (UNREGULATED) SPECIFICATIONS WITH ELECTRONIC TRANSMISSION**

GENERAL	1	Manufacturer name	Yale					
	2	Model	GP40N	GP50N	GP60N	GP70N		
	3	Engine	Yanmar 3.0L		Yanmar 3.3L			
	4	Power type: LPG, diesel, dual fuel	Diesel					
WEIGHT	5	Operator type	Seated					
	6	Rated capacity	lbs. (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)		
TIRES	9	Wheelbase	in. (mm)	65.0 (1650)		66.9 (1700)		
	10	Weight, standard truck NL	lbs. (kg)	7600 (3450)	8430 (3820)	9890 (4490)	10680 (4840)	
	11	Weight, standard truck RL	lbs. (kg)	11600 (5260)	13430 (6090)	15890 (7210)	17680 (8020)	
	12	Axle loading front/rear NL	lbs. (kg)	3638/3953 (1650/1793)	3468/4954 (1573/2247)	3929/5960 (1782/2703)	3708/6964 (1682/3159)	
DIMENSIONS	13	Axle loading front/rear RL	lbs. (kg)	10255/1336 (4652/606)	11739/1683 (5325/763)	13808/2082 (6263/944)	15233/2440 (6910/1107)	
	14	Tire type: cushion, solid, pneumatic	Pneumatic					
	15	Tire size, front	7.00-12			28x9-15		
	16	Tire size, rear	6.00x9			6.50x10		
PERFORMANCE	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)				
	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)				
	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				
	POWERTRAIN	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)		
POWERTRAIN	48	Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	112/89 (0.57/0.45)				
	49	Drawbar pull @ 1mph (1.6kph) RL/NL	lbs. (kg)	4434/2388 (2011/1083)	4398/2287 (1995/1037)	4307/2488 (1954/1129)	4276/2227 (1940/1010)	
	50	Maximum drawbar pull RL/NL	lbs. (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	
	52	Engine manufacturer and model	Yanmar 4TNE94L		Yanmar 4TNE98			
	53	Power output @ RPM	hp (kW)	47 (35) @ 2400		59 (44) @ 2300		
	54	Torque @ RPM	ft-lbs. (N-m)	120 (162) @ 1500		148 (200) @ 1700		
	55	Number of cylinders/displacement	cc (ci)	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)					

<sup>1</sup> GP40-70N models: height increases by 0.9in. (22mm) when equipped with 28x9 drive tires.

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

RL = Rated Load NL = No Load

### GP40N MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR		Forward/back	Standard tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	degrees
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)	61.8 (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)

### GP50N MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR		Forward/back	Standard tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	degrees
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)	61.8 (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)

### GP60N MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR		Forward/back	Standard tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	degrees
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)

<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.

### GP70N MAST SPECIFICATIONS WITH MECHANICAL TRANSMISSION

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR	Forward/back	Standard tread	Dual tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	degrees	lbs. (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)

### GP40N MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR	Forward/back	Standard tread	Wide tread	Dual tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	degrees	lbs. (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 (1W588)	3500 (1588)	3500 (1588)
4FFL	218 (5540)	80 (2020)	218 (5540)	266 (6760)	60 (1540)	29 (750)	6/4	3750 (1700)	3750 (1700)	3750 (1700)
	240 (6100)	86 (2170)	239 (6058)	287 (7278)	66 (1690)	37 (950)	6/4	3650 (1655)	3650 (1655)	3650 (1655)

### GP50N MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR	Forward/back	Standard tread	Wide tread	Dual tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	degrees	lbs. (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)
4FFL	218 (5540)	80 (2020)	218 (5540)	266 (6760)	60 (1540)	29 (750)	6/4	4800 (2175)	4800 (2175)	4800 (2175)
	240 (6100)	86 (2170)	239 (6058)	287 (7278)	66 (1690)	37 (950)	6/4	4350 (1970)	4350 (1970)	4350 (1970)

<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.

**GP60N MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION**

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR	Forward/back	Standard tread	Wide tread	Dual tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (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)
4FFL	190 (4840)	81 (2042)	190 (4840)	238 (6060)	60 (1540)	29 (750)	6/4	4700 (2130)	4700 (2130)	4700 (2130)
	224 (5710)	87 (2192)	224 (5710)	273 (6930)	66 (1690)	37 (950)	6/4	4700 (2130)	4700 (2130)	4700 (2130)

**GP70N MAST SPECIFICATIONS WITH ELECTRONIC TRANSMISSION**

TYPE	Maximum 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-inch (1220mm) LBR	without LBR	with 48-inch (1220mm) LBR	Forward/back	Standard tread	Wide tread	Dual tread
			in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lbs. (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.

## OPTIONS LIST

### 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
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
Powershift transmission
Techtronix™ 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

## OPTIONS LIST

Auxiliary function hose groups  
Attachment extension tubes, with or without quick disconnects  
Auxiliary function hose groups  
Attachment extension tubes, with or without quick disconnects

### 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  
Yale Vision™ wireless monitoring  
Yale Vision™ wireless access  
Yale Vision™ 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  
Foot Directional Control  
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  
Non-suspension vinyl seat  
Synchronous Steering

### CHASSIS - OPERATOR COMPARTMENT (CONTINUED)

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 (emergency locking retractor)  
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 view 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 and 2 down  
Audible alarm - reverse direction activated - self-adjusting



# About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

## MATERIALS HANDLING FOR:

Third-party logistics (3PL)

Auto parts distribution

Beverage

Cold & frozen foods

Food distribution

Food processing

Furniture & furnishings

Government

Health & pharma

Home centers & durables


Retail & e-commerce

Yale Lift Truck Technologies  
P.O. Box 7367  
Greenville, NC 27835-7367  
U.S.A.

[yale.com](http://yale.com)



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CERTIFICATION: Yale 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. Classified by Underwriters' Laboratories, Inc.