

LX2 Series

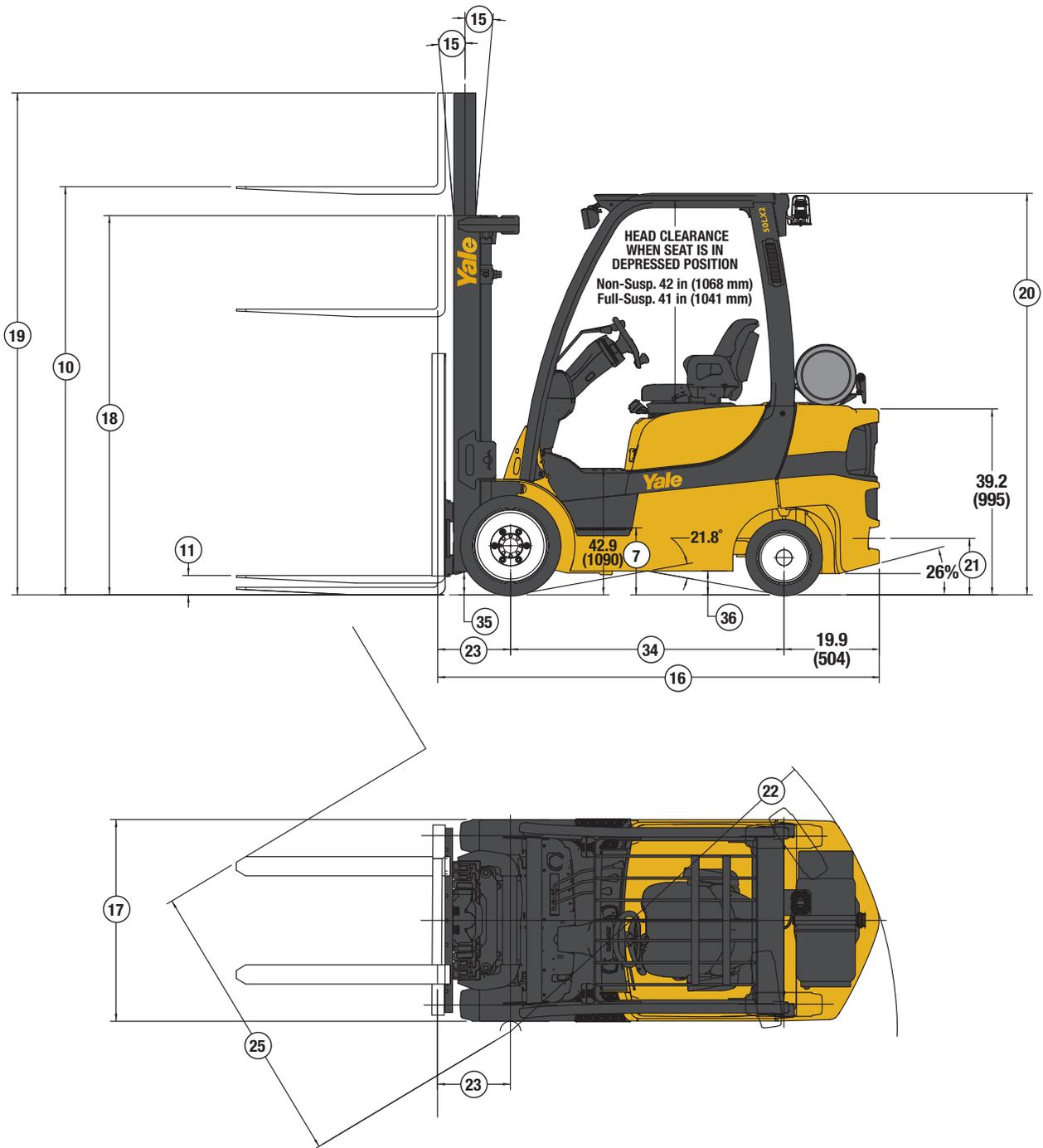
Cushion Tire Trucks

4,000 / 5,000 lbs.

- Strong performance without compromising fuel efficiency
- Engineered for advanced dependability, productivity, and easy serviceability
- Ergonomically designed for ultimate operator comfort
- Smart design, solid construction, durability, and reliable performance



Truck Dimensions



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

Mast Dimensions

	Overall Height in (mm)	Free Fork Height without LBR in (mm)	Max Fork Height in (mm)	Extended Height with LBR in (mm)	Tilt fwd/back
2-Stage Limited Free-Lift (LFL) Hi-Vis™ Mast (Trucker's Mast)					
Opt	62 (1550)	5 (140)	81 (2072)	130 (3295)	5/5
3-Stage Full Free-Lift (FFL) Mast					
Std	81 (2035)	60 (1540)	170 (4325)	218 (5537)	5/5
Opt	87 (2135)	66 (1690)	187 (4775)	236 (5987)	5/5
Opt	90 (2285)	70 (1790)	199 (5075)	248 (6287)	5/5

General Specifications

		Yale®			
GENERAL	1	Manufacturer Name			
	2	Model	GC040LX2 GC050LX2		
		Transmission Type	Elec. Controlled Powershift		
		Engine	PSI 2.4L		
		Brake System	Drum Brakes		
	3	Rated Capacity	lb (kg)	4000 (1818) 5000 (2268)	
	4	Load Center	in (mm)	24 (610)	
	5	Drive Power Type	LPG		
	6	Operator Type	Seated Rider		
DIMENSIONS	7	Step Height	in (mm)	13.6 (345)	
	8	Tire Type	Cushion		
	9	Number of Wheels, front/rear (X = driven)	2x/2		
	10	Lift Height, Top of Fork (TOF)	in (mm)	170 (4325)	
	11	Free Lift with LBR (TOF)	in (mm)	32 (823)	
		Free Lift without LBR (TOF)	in (mm)	60 (1540)	
	12	Standard Carriage Width	in (mm)	38.5 (977)	
	13	Fork Dimensions, Thickness x Width x Length	in (mm)	1.6x3.9x42 (40x100x1067)	
	14	Fork Spacing - Std Carriage - Max. Outside to Outside Edge	in (mm)	33.5 (852)	
		Fork Spacing -Std Carriage - Min. Inside to Inside Edge	in (mm)	6.2 (158)	
	15	Mast Tilt, forward/back	degrees	5/5	
	16	Overall Length (length to face of forks)	in (mm)	92.2 (2341)	
	17	Overall Width	in (mm)	42.0 (1068)	
	18	Height of Standard Mast, lowered	in (mm)	81 (2035)	
	19	Height of Standard Mast, extended with LBR	in (mm)	218 (5537)	
		Height of Standard Mast, extended without LBR	in (mm)	190 (4820)	
	20	Height to Top of Standard Overhead Guard (high)	in (mm)	85 (2136)	
	21	Towing Coupling Height (pin type)	in (mm)	12.2 (309)	
	22	Outer Turning Radius	in (mm)	81.2 (2062)	
		Inner Turning Radius	in (mm)	3.0 (75)	
	23	Load Distance (load face-ctr of wheel to face of forks - front overhang)	in (mm)	15.3 (388)	
	24	Aisle Width, right angle stack (add length of load)	in (mm)	96.5 (2450)	
	25	Equal Aisle, 90° intersecting aisle (w/ pallet W=42in, L=48in)	in (mm)	76.0 (1930)	
	GRADEABILITY	26	Travel Speed (RL/NL)	mph (km/hr)	11.3/11.4 (18.2/18.4)
		27	Lifting Speed, 2 Stage LFL (RL/NL)	ft/min (m/sec)	124/128 (.63/.65)
		Lifting Speed, 3 Stage FFL (RL/NL)	ft/min (m/sec)	116/120 (.59/.61)	
28		Lowering Speed, 3 Stage FFL (RL/NL)	ft/min (m/sec)	96/83 (.49/.42)	
29		Drawbar Pull @ 1.0 mph or 1.6 km/h (RL/NL)	lbs (kg)	3020/1676 (1370/760)	
30		Gradeability, maximum (RL, NL)	%	30/22	
	Gradeability @ 1.0 mph or 1.6 km/h (RL/NL)	%	25/22		
WT.	31	Unladen Weight (w/ std equipment: mast, carriage, forks, etc.)	lb (kg)	7616 (3461) 7928 (3596)	
	32	Axle Loading Unladen w/ std option configuration (Front/Rear)	lb (kg)	2970/4646 (1350/2111) 3115/4812 (1413/2183)	
		Axle Loading Laden w/ std option configuration (Front/Rear)	lb (kg)	10237/1379 (4653/626) 11559/1369 (5243/621)	
WHEELS & TIRES	33	Tire Size, front	21x7x15		
		Tire Size, rear	16x5x10.5		
	34	Wheelbase	in (mm)	57.1 (1450)	
	35	Ground Clearance, under mast laden	in (mm)	3.4 (87)	
	36	Ground Clearance, center of wheelbase	in (mm)	4.6 (116)	
	37	Brakes Service - Method of Control/Operation	Hydraulic/Foot		
	38	Brakes Park - Method of Control/Operation	Mechanical/Hand		
POWERTRAIN	39	Battery Type	Maintenance Free		
	40	Battery Volts/Cold Cranking Amps	12V/475		
	41	Engine Manufacturer	PSI 2.4L		
	42	Engine Output, in accordance with ISO1585	hp (kw)	44 (33) @ 2600 RPM	
	43	Torque	ft-lb (N-m)	118 (160) @ 1200 RPM	
	44	Number of Cylinders/Displacement	No./cc (ci)	4/2351 (143)	
	45	Gear Change Type	Powershift		
	46	Transmission, number of speeds forward/reverse	1F/1R		
	47	Working Pressure for Attachments	psi (bar)	2306 (159)	
	48	Hydraulic Tank - Capacity (drain & refill)	gal (liters)	7.9 (29.9)	

RL = Rated Load, NL = No Load

LX2 Series

Standard equipment	Options
<ul style="list-style-type: none"> • PSI 2.4L LPG engine • 38.5" Class 2 fork carriage • 42" Standard taper pallet forks • Load backrest - 48" high • 5° forward / 5° back tilt • Three (3) cowl mounted mechanical hydraulic control levers • 3 function (1 aux.) hydraulic control valve • Single pedal inch brake • LPG tank bracket • Anti-clog radiator • U.L. Classification LPG • Overhead guard 85" (2149 mm) • 12" steering wheel with wheel spinner knob • Key switch start with anti-restart • Forward / reverse direction lever • Non-suspension vinyl seat • Counterweight exhaust • Low fuel indicator • Continuous Stability System (CSS™) • Integrated dashboard display • Adjustable steering column • Power steering • Floor mat • Operator restraint system • Operator Presence System (OPS) • Non-cinch seat belts • Integral tie downs • Operating manual • 12 months / 2,000 hours manufacturer's warranty • 36 months / 6,000 hours manufacturer's powertrain warranty 	<ul style="list-style-type: none"> • 38.5" wide integral sideshifter • 48" long forks • 81" MFH truckers mast • Non-marking solid drive and steer tires • Audible reverse activated self adjusting alarm 82-102 dB(A) • Full-suspension vinyl seat • Visible amber strobe light - continuous activated, overhead guard mounting • Halogen or LED front and rear work lights • Halogen or LED front and rear work lights with LED brake/tail/backup lights • Dual side view mirrors • 2.5 lb. fire extinguisher • Rear drive handle with horn button • Additional height triplex masts • Four (4) cowl mounted mechanical hydraulic control levers • 4 function (2 aux.) hydraulic control valve • 3 function (1 aux.) hose group • 4 function (2 aux.) hose group • Attachment extension tubes with or without quick disconnects • Traction speed limiter • Clamping interlock button



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