



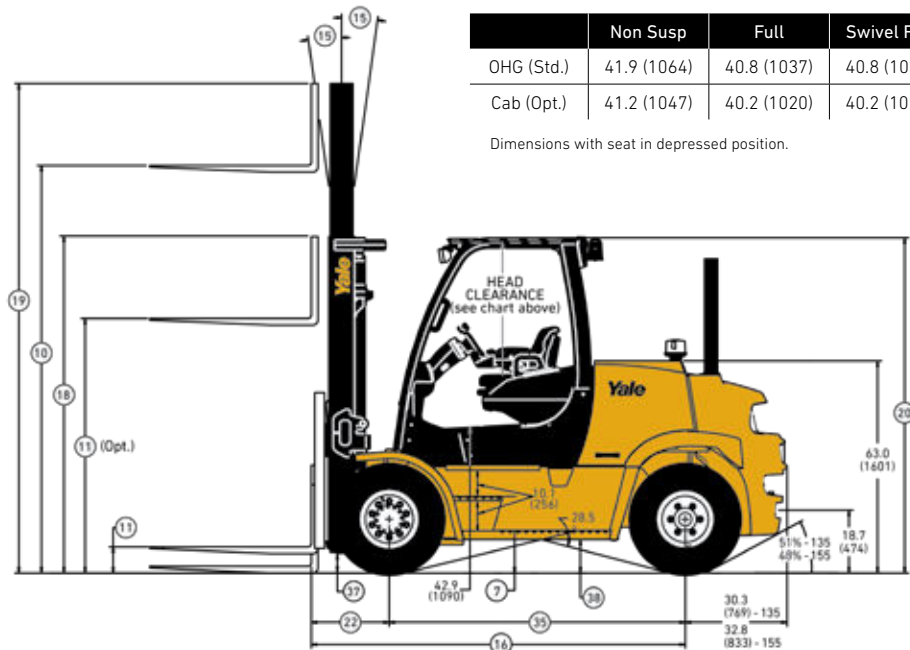
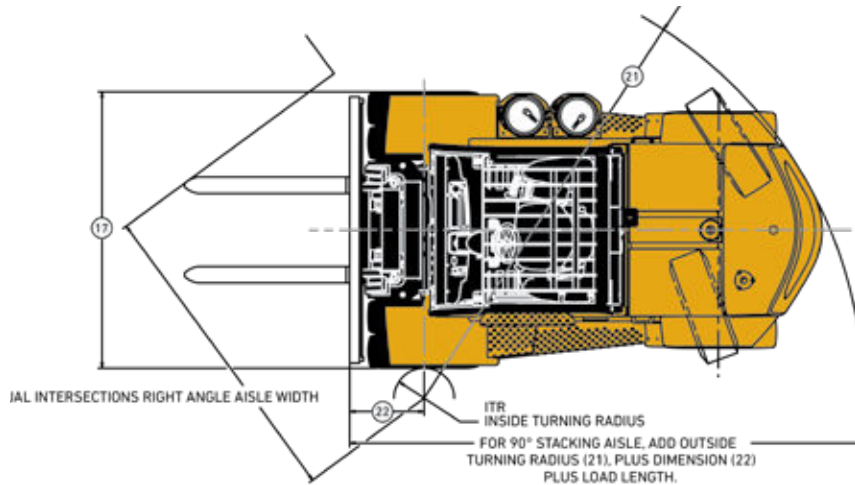
GP 135-155VX

SPEC SHEET

ICE pneumatic
tire forklift

13,500-15,000 lbs.

TRUCK DIMENSIONS



Circled truck dimensions correspond to the line numbers in the General Specifications chart. Dimensions are listed in inches (millimeters).

MAST DIMENSIONS GP135-155VX

Maxiadsfsds-fmum Fork Height	Overall Lowered Height	Overall Extended Height		Free-Lift (TOF)		Tilt	Approx. Truck Wt. w/Std. Equipment	
		w/Load Backrest	w/o Load Backrest	w/Load Backrest	w/o Load Backrest		GP135VX	GP155VX
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	Rwd/Fwd	lbs (kg)	lbs (kg)
2-Stage Limited Free-Lift (LFL) Mast								
118 (3000)	100 (2540)	172 (4354)	166 (4195)	6 (160)	6 (160)	10°/5°	18760 (8509)	19890 (9022)
133 (3400)	108 (2740)	188 (4754)	181 (4595)	6 (160)	6 (160)	10°/5°	18880 (8564)	20010 (9076)
173 (4400)	128 (3240)	227 (5754)	221 (5595)	6 (160)	6 (160)	10°/5°	19340 (8772)	20470 (9285)
212 (5400)	148 (3740)	266 (6754)	260 (6595)	6 (160)	6 (160)	10°/5°	19670 (8922)	20800 (9435)
3-Stage Full Free-Lift (FFL) Mast								
185 (4700)	102 (2570)	239 (6054)	230 (5830)	47 (1216)	56 (1440)	10°/5°	19700 (8936)	20830 (9448)
220 (5600)	113 (2870)	274 (6954)	265 (6730)	59 (1516)	68 (1740)	10°/5°	19950 (9049)	21080 (9562)
244 (6200)	123 (3120)	298 (7554)	289 (7330)	69 (1766)	78 (1990)	10°/5°	20160 (9144)	21290 (9657)

Note: GP135-155VX use standard 8.25 x 15 x 14 PR pneumatic drive tires @ 82.0 inch (2082 mm) overall width.

GENERAL SPECIFICATIONS GP135VX

GENERAL	1	Manufacturer		Yale			
	2	Model		GP135VX			
		Engine		Kubota 3.8L LPG	Kubota 3.8L DOC	Kubota 3.8L High Output	
	3	Rated capacity	lb (kg)	13,500 (6,000)			
	4	Load center, distance	in (mm)	24 (610)			
	5	Engine/power type - gasoline, LPG, diesel		LPG	Diesel		
	6	Operator type		Seated Rider			
	7	Step height	in (mm)	12.6 (321)			
	8	Tire type - cushion, solid, pneumatic		Pneumatic			
	9a	Wheels, number - front/rear (X = driven)		4X/2			
9b	Track width, front / rear	in (mm)	72.7 (1846) / 60.5 (1535)				
DIMENSIONS	10	Lift height, w/LBR (TOF) (rounded down)	in (mm)	212 (5400)			
	11a	Std free lift height (TOF) (rounded down)	in (mm)	6 (160)			
	11b	Optional full free lift w/ LBR (TOF) (rounded down)	in (mm)	95 (2416)			
	11c	Optional full free lift w/o LBR (TOF) (rounded down)	in (mm)	103 (2640)			
	12	Standard carriage width	in (mm)	78 (1981)			
	13	Standard forks, thickness x width x length	in (mm)	2.4 x 5.9 x 48 (60 x 150 x 1219)			
	14a	Standard fork spread, minimum inside dimensions	in (mm)	6.3 (160)			
	14b	Standard fork spread, maximum outside dimensions	in (mm)	73.9 (1876)			
	15	Mast tilt, forward/backward	degrees	5 / 10			
	16	Overall length (to face of forks)	in (mm)	141.9 (3604)			
	17	Overall width	in (mm)	82.0 (2082)			
	18	Height, standard mast - lowered	in (mm)	148 (3740)			
	19a	Height, standard mast-extended w/o LBR (rounded up)	in (mm)	260 (6595)			
	19b	Height, standard mast-extended w/ LBR (rounded up)	in (mm)	266 (6754)			
	20a	Height, standard overhead guard (high) (rounded up)	in (mm)	100 (2531)			
	20b	Height, standard overhead guard (cab) (rounded up)	in (mm)	101 (2549)			
	21a	Turning radius, minimum outside (OTR)	in (mm)	130.7 (3320)			
	21b	Turning radius, minimum inside (ITR)	in (mm)	9.1 (230)			
	22	Length, center of wheels to face of forks	in (mm)	23.7 (601)			
	23a	Aisle width, right angle stack (pallet w=42in, L=48in)	in (mm)	202.4 (5140)			
	23a	Aisle width, right angle stack (add length of load)	in (mm)	154.4 (3921)			
	24	Equal aisle, 90-degree intersecting aisle	in (mm)	111.6 (2835)			
	PERFORMANCE	25a	Travel speed fwd, RL/NL w/ 2-speed (Fwd) transmission	mph (km/h)	13.7/14.4 (22.2/23.2)	12.7/13.4 (20.5/21.7)	14.1/14.8 (22.7/23.9)
		25b	Travel speed fwd, RL/NL w/ 3-speed (Fwd) transmission	mph (km/h)	15.3/16.1 (24.7/26.0)	13.8/14.6 (22.3/23.6)	15.3/16.1 (24.7/26.0)
25c		Travel speed rev, RL/NL w/ either transmission	mph (km/h)	13.7/14.4 (22.2/23.2)	12.7/13.4 (20.5/21.7)	14.1/14.8 (22.7/23.9)	
26a		Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	102/102 (0.52/0.52)	92/94 (0.47/0.48)	100/102 (0.51/0.52)	
26b		Lift speed, optional 3-stage FFL RL/NL	ft/min (m/s)	102/102 (0.52/0.52)	88/90 (0.45/0.46)	96/98 (0.49/0.50)	
27a		Lowering speed, standard 2-Stage LFL RL/NL	ft/min	114/104 (.58/.53)			
27b		Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	104/81 (.53/.41)			
28a		2-Spd Xmsn drawbar pull @ maximum RL/NL	lb (kg)	9287/5686 (4212/2579)	10374/5686 (4705/2579)	10500/5686 (4762/2579)	
28b		2-Spd Xmsn drawbar pull @ 1 mph RL/NL	lb (kg)	7610/5686 (3451/2579)	8123/5686 (3684/2579)	10500/5686 (4762/2579)	
28c		2-Spd Xmsn drawbar pull @ 3 mph RL/NL	lb (kg)	4886/5686 (2216/2579)	4896/5686 (2221/2579)	7261/5686 (3293/2579)	
29a		2-Spd Xmsn minimum gradeability RL/NL	%	29/30	33/30	33/30	
29b		2-Spd Xmsn gradeability @ 1 mph RL/NL	%	24/30	25/30	33/30	
29c		2-Spd Xmsn gradeability @ 3 mph RL/NL	%	15/30	20/30	22/30	
28a		3-Spd Xmsn drawbar pull @ maximum RL/NL	lb (kg)	10000/5686 (4535/2579)	11500/5686 (5216/2579)	11500/5686 (5216/2579)	
28b		3-Spd Xmsn drawbar pull @ 1 mph RL/NL	lb (kg)	10000/5686 (4535/2579)	11500/5686 (5216/2579)	11500/5686 (5216/2579)	
28c		3-Spd Xmsn drawbar pull @ 3 mph RL/NL	lb (kg)	6303/5686 (2859/2579)	5362/5686 (2432/2579)	8605/5686 (3903/2579)	
29a		3-Spd Xmsn minimum gradeability RL/NL	%	32/30	37/30	37/30	
29b		3-Spd Xmsn gradeability @ 1 mph RL/NL	%	32/30	37/30	37/30	
29c		3-Spd Xmsn gradeability @ 3 mph RL/NL	%	19/30	16/30	27/30	
WT.		30a	Weight, standard truck NL	lb (kg)	19877 (9016)		
	30b	Weight, standard truck RL	lb (kg)	33407 (15153)			
	31a	Axle loading, static front/rear NL	lb (kg)	9566/10314 (4339/4678)			
	31b	Axle loading, static front/rear RL	lb (kg)	30420/2988 (13798/1355)			
TIRES & WHEELS	32	Tire size, front / rear		8.25 X 15 14PR / 8.25 X 15 14PR			
	34	Wheelbase	in (mm)	88.0 (2235)			
	35	Ground clearance under mast, RL	in (mm)	5.7 (146)			
	36	Ground clearance, center of wheelbase	in (mm)	10.0 (253)			
	37	Service Brake - method of control/operation		Foot / Hydraulic			
	38	Park brake - method of control/operation		Hand / Mechanical			
POWERTRAIN	39	Battery type		Maintenance Free			
	40	Volts / cold cranking amps	v / cca	12V/900	12V/1800 (2x 900)		
	41	Engine manufacturer		Kubota 3.8L LPG	Kubota 3.8L Turbo Diesel		
	42	Engine power @ governed speed	hp (kw)	91 (68) @ 2400 RPM	74 (55) @ 2200 RPM	110 (82) @ 2400 RPM	
	43	Torque @ rated RPM	ft lbs. (N m)	221 (300) @ 1000 RPM	227 (309) @ 1400RPM	275 (373) @ 1600RPM	
	44	Number of cylinders / displacement	No / cc (ci)	4/3769 (230)	4/3769 (230)		
	45	Transmission type, standard		Powershift			
	46a	Standard Speeds, forward/reverse		2/2			
	46b	Optional speeds, forward/reverse		3/2			
	47	Hydraulic tank capacity (drain and refill)	gal (liter)	18.9 (71.7)			
	48	Fuel tank capacity (diesel powered units only)	gal (liter)	19.7 (74.8)			
49	Auxiliary hydraulic pressure relief for attachments	PSI (Mpa)	2250 (155)				

RL = Rated Load, NL = No Load

GENERAL SPECIFICATIONS GP155VX

GENERAL	1	Manufacturer		Yale			
	2	Model		GP155VX			
		Engine		Kubota 3.8L LPG	Kubota 3.8L DOC	Kubota 3.8L High Output	
	3	Rated capacity	lb (kg)	15,500 (7,000)			
	4	Load center, distance	in (mm)	24 (610)			
	5	Engine/power type - gasoline, LPG, diesel		LPG	Diesel		
	6	Operator type		Seated Rider			
	7	Step height	in (mm)	12.6 (321)			
	8	Tire type - cushion, solid, pneumatic		Pneumatic			
9a	Wheels, number - front/rear (X = driven)		4X/2				
9b	Track width, front / rear	in (mm)	72.7 (1846) / 60.5 (1535)				
DIMENSIONS	10	Lift height, w/LBR (TOF) (rounded down)	in (mm)	212 (5400)			
	11a	Std free lift height (TOF) (rounded down)	in (mm)	6 (160)			
	11b	Optional full free lift w/ LBR (TOF) (rounded down)	in (mm)	95 (2416)			
	11c	Optional full free lift w/o LBR (TOF) (rounded down)	in (mm)	103 (2640)			
	12	Standard carriage width	in (mm)	78 (1981)			
	13	Standard forks, thickness x width x length	in (mm)	2.4 x 5.9 x 48 (60 x 150 x 1219)			
	14a	Standard fork spread, minimum inside dimensions	in (mm)	6.3 (160)			
	14b	Standard fork spread, maximum outside dimensions	in (mm)	73.9 (1876)			
	15	Mast tilt, forward/backward	degrees	5 / 10			
	16	Overall length (to face of forks)	in (mm)	144.4 (3669)			
	17	Overall width	in (mm)	82.0 (2082)			
	18	Height, standard mast - lowered	in (mm)	148 (3740)			
	19a	Height, standard mast-extended w/o LBR (rounded up)	in (mm)	260 (6595)			
	19b	Height, standard mast-extended w/ LBR (rounded up)	in (mm)	266 (6754)			
	20a	Height, standard overhead guard (high) (rounded up)	in (mm)	100 (2531)			
	20b	Height, standard overhead guard (cab) (rounded up)	in (mm)	101 (2549)			
	21a	Turning radius, minimum outside (OTR)	in (mm)	133.4 (3388)			
	21b	Turning radius, minimum inside (ITR)	in (mm)	9.1 (230)			
	22	Length, center of wheels to face of forks	in (mm)	23.7 (601)			
	23a	Aisle width, right angle stack (pallet w=42in, L=48in)	in (mm)	205.0 (5207)			
	23a	Aisle width, right angle stack (add length of load)	in (mm)	157.0 (3988)			
	24	Equal aisle, 90-degree intersecting aisle	in (mm)	111.8 (2865)			
	PERFORMANCE	25a	Travel speed fwd, RL/NL w/ 2-speed (Fwd) transmission	mph (km/h)	13.7/14.4 (22.1/23.2)	12.6/13.4 (20.4/21.6)	14.0/14.7 (22.6/23.8)
		25b	Travel speed fwd, RL/NL w/ 3-speed (Fwd) transmission	mph (km/h)	15.2/16.1 (24.5/26.0)	13.7/14.7 (22.2/23.6)	15.2/16.1 (24.5/26.0)
25c		Travel speed rev, RL/NL w/ either transmission	mph (km/h)	13.6/14.2 (21.9/22.9)	12.6/13.4 (20.4/21.6)	14.0/14.7 (22.6/23.8)	
26a		Lift speed, standard 2-stage LFL RL/NL	ft/min (m/s)	90/102 (0.46/0.52)	84/94 (0.43/0.48)	94/102 (0.48/0.52)	
26b		Lift speed, optional 3-stage FFL RL/NL	ft/min (m/s)	90/102 (0.46/0.52)	82/90 (0.42/0.46)	90/98 (0.46/0.50)	
27a		Lowering speed, standard 2-Stage LFL RL/NL	ft/min	114/104 (.58/.53)			
27b		Lowering speed, optional 3-stage FFL RL/NL	ft/min (m/s)	104/81 (.53/.41)			
28a		2-Spd Xmsn drawbar pull @ maximum RL/NL	lb (kg)	9232/5507 (4187/2498)	10319/5507 (4680/2498)	10500/5507 (4762/2498)	
28b		2-Spd Xmsn drawbar pull @ 1 mph RL/NL	lb (kg)	7555/5507 (3427/2498)	8068/5507 (3659/2498)	10500/5507 (4762/2498)	
28c		2-Spd Xmsn drawbar pull @ 3 mph RL/NL	lb (kg)	4831/5507 (2191/2498)	4841/5507 (2196/2498)	7206/5507 (3269/2498)	
29a		2-Spd Xmsn minimum gradeability RL/NL	%	26/27	30/27	30/27	
29b		2-Spd Xmsn gradeability @ 1 mph RL/NL	%	21/27	23/27	30/27	
29c		2-Spd Xmsn gradeability @ 3 mph RL/NL	%	13/27	18/27	20/27	
28a		3-Spd Xmsn drawbar pull @ maximum RL/NL	lb (kg)	10000/5507 (4535/2498)	11500/5507 (5216/2498)	11500/5507 (5216/2498)	
28b		3-Spd Xmsn drawbar pull @ 1 mph RL/NL	lb (kg)	10000/5507 (4535/2498)	11485/5507 (5209/2498)	11500/5507 (5216/2498)	
28c		3-Spd Xmsn drawbar pull @ 3 mph RL/NL	lb (kg)	6248/5507 (2834/2498)	5307/5507 (2407/2498)	8550/5507 (3878/2498)	
29a		3-Spd Xmsn minimum gradeability RL/NL	%	29/27	33/27	33/27	
29b		3-Spd Xmsn gradeability @ 1 mph RL/NL	%	29/27	33/27	33/27	
29c		3-Spd Xmsn gradeability @ 3 mph RL/NL	%	17/27	15/27	24/27	
WT.	30a	Weight, standard truck NL	lb (kg)	21013 (9531)			
	30b	Weight, standard truck RL	lb (kg)	36547 (16577)			
	31a	Axle loading, static front/rear NL	lb (kg)	9269/11745 (4204/5327)			
	31b	Axle loading, static front/rear RL	lb (kg)	33213/3334 (15065/1512)			
TIRES & WHEELS	32	Tire size, front / rear		8.25 X 15 14PR / 8.25 X 15 14PR			
	34	Wheelbase	in (mm)	88.0 (2235)			
	35	Ground clearance under mast, RL	in (mm)	5.7 (146)			
	36	Ground clearance, center of wheelbase	in (mm)	10.0 (253)			
	37	Service Brake - method of control/operation		Foot / Hydraulic			
	38	Park brake - met hod of control/operation		Hand / Mechanical			
	POWERTRAIN	39	Battery type		Maintenance Free		
40		Volts / cold cranking amps	v / cca	12V/900	12V/1800 (2x 900)		
41		Engine manufacturer		Kubota 3.8L LPG	Kubota 3.8L Turbo Diesel		
42		Engine power @ governed speed	hp (kw)	91 (68) @ 2400 RPM	74 (55) @ 2200 RPM	110 (82) @ 2400 RPM	
43		Torque @ rated RPM	ft lbs. (N m)	221 (285) @ 1000 RPM	227 (309) @ 1400RPM	275 (373) @ 1600RPM	
44		Number of cylinders / displacement	No / cc (ci)	4/4302 (230)	4/3769 (230)		
45		Transmission type, standard		Powershift			
46a		Standard Speeds, forward/reverse		2/2			
46b		Optional speeds, forward/reverse		3/2			
47		Hydraulic tank capacity (drain and refill)	gal (liter)	18.9 (71.7)			
48		Fuel tank capacity (diesel powered units only)	gal (liter)	19.7 (74.8)			
49		Auxiliary hydraulic pressure relief for attachments	PSI (Mpa)	2250 (155)			

RL = Rated Load, NL = No Load

FEATURES LIST

STANDARD FEATURES

Kubota 3.8L EPA/CARB emissions compliant LPG engine

Electronic powershift transmission

– Hydraulic inching

– Electronic shift control

–2 speeds forward, 2 speeds reverse

Oil-cooled wet disc brakes

Foot direction control pedal

2-Stage limited free-lift (LFL) Hi-Vis™ mast with maximum fork height of 133" (2400 mm)

78" (1981 mm) wide hook-type carriage with 48.0" (1219) tall load backrest extension

78" (1981 mm) long forks

6 degrees forward and 10 degrees backward mast tilt

3-function hydraulic control valve

Integrated dashboard display includes:

– LCD display:

– Fuel level (diesel only)

– Hour meter

– Coolant temperature

– Clock

– Messages

– Service indicator lights:

– Alternator

– Transmission oil temperature

– Engine oil pressure

– Brake fluid level

– Fasten seat belt

– Low fuel level

– Engine malfunction

– System malfunction

– Park brake

– Coolant temperature

– Forward, reverse and neutral direction indicators

UL Classification LPG

Hydrostatic power steering

Non-suspension vinyl seat

No-cinch seat belt

Electronic horn

Adjustable steer column

Rubber floor mat

High air intake

Integral tie downs

Operator restraint system

Combi-cooler radiator

Single pedal inch brake

Cowl-mounted hydraulic control levers

Running board mounted LPG tank bracket

Pressure sensing low LPG fuel sensor

100" (2531 mm) tall overhead guard

12 months / 2,000 hours manufacturer's warranty

36 months / 6,000 hours manufacturer's powertrain warranty

OPTIONAL FEATURES

Kubota 3.8L EPA Certified Tier 4 Final high output turbo diesel engine

Kubota 3.8L DOC EPA Certified Tier 4 Final turbo diesel engine

Techtronix 332™ transmission – 3 speeds forward, 2 speeds reverse

– Electronic inching

– Electronic shift control

– Auto deceleration system

– Controlled power reversal

– Controlled roll back on ramps

LED lights (brake/tail/back-up)

Powertrain protection system

Premium monitoring

High air intake with precleaner

Accumulator

Keyless start (with auxiliary key switch)

Dual LPG tank bracket

Return to set tilt

Accutouch hydraulic mini-levers with fully adjustable armrest

Rear drive handle with horn button

Full suspension seat - vinyl or cloth

Swivel full-suspension seat - vinyl or cloth

High-visibility non-cinch seat belt with or without interlock

Impact monitor with immediate or delayed shutdown

Load weight display

Operator pre-shift checklist

Dual-inch brake pedals

Operator password protection

Audible reverse activated 82-102 dB(A) self-adjusting alarm

Visible alarm: amber LED strobe light - continuously activated, overhead guard mounted

Parts publications - printed or CD, serial number specific

UL Classification D, LPS, DS

Various light packages available with halogen or high intensity LED:

– Two front and one rear work lights

– Two front, one rear work light and two brake/tail/back-up lights

Cab includes the following:

– Front and rear wiper

– Full light package

– Integral heater

– Defogger

– Removable doors

– Operator dome light

– Fan

– Optional air conditioning

Side view mirrors

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

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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.