



# GC 40-70N

Cushion tire  
internal combustion  
counterbalanced forklift

4,000-7,000 lbs.



# Raising the bar for what you expect from a lift truck.

Built on a scalable platform, the Yale® Series N can be easily configured to match your unique operational requirements. With a 4,000–7,000 lb. capacity range and a heavy-duty, EPA-certified Yanmar 2.2L LPG engine, the Yale® GC40-70N will raise the bar for what you expect from a lift truck in a wide range of applications and environments.



## 1 CONVENIENT ENTRY AND EXIT

A large step and grab handle, contoured hood and flip up armrests help make it easy for the operator to get in and out of the truck.



## 2 SPACIOUS OPERATOR COMPARTMENT

Roomy operator compartment with ample floor space and a wide range of seat adjustment helps the operator to find a comfortable position, stretch their legs, and stay comfortable for long shifts.



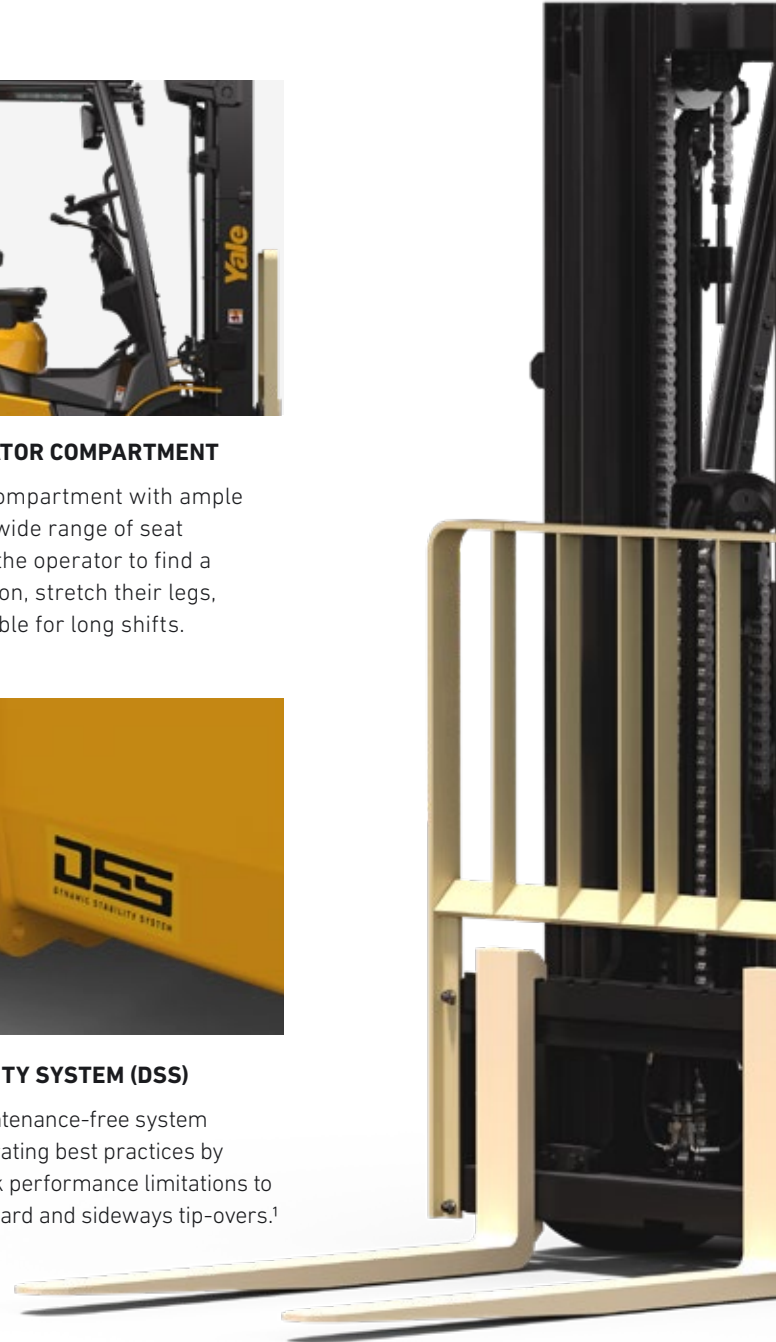
## 3 EXCELLENT VISIBILITY

A low dash and wide mast window provide excellent visibility through the mast, enhanced visibility of fork tips and load when picking at height, and excellent visibility when traveling forward.

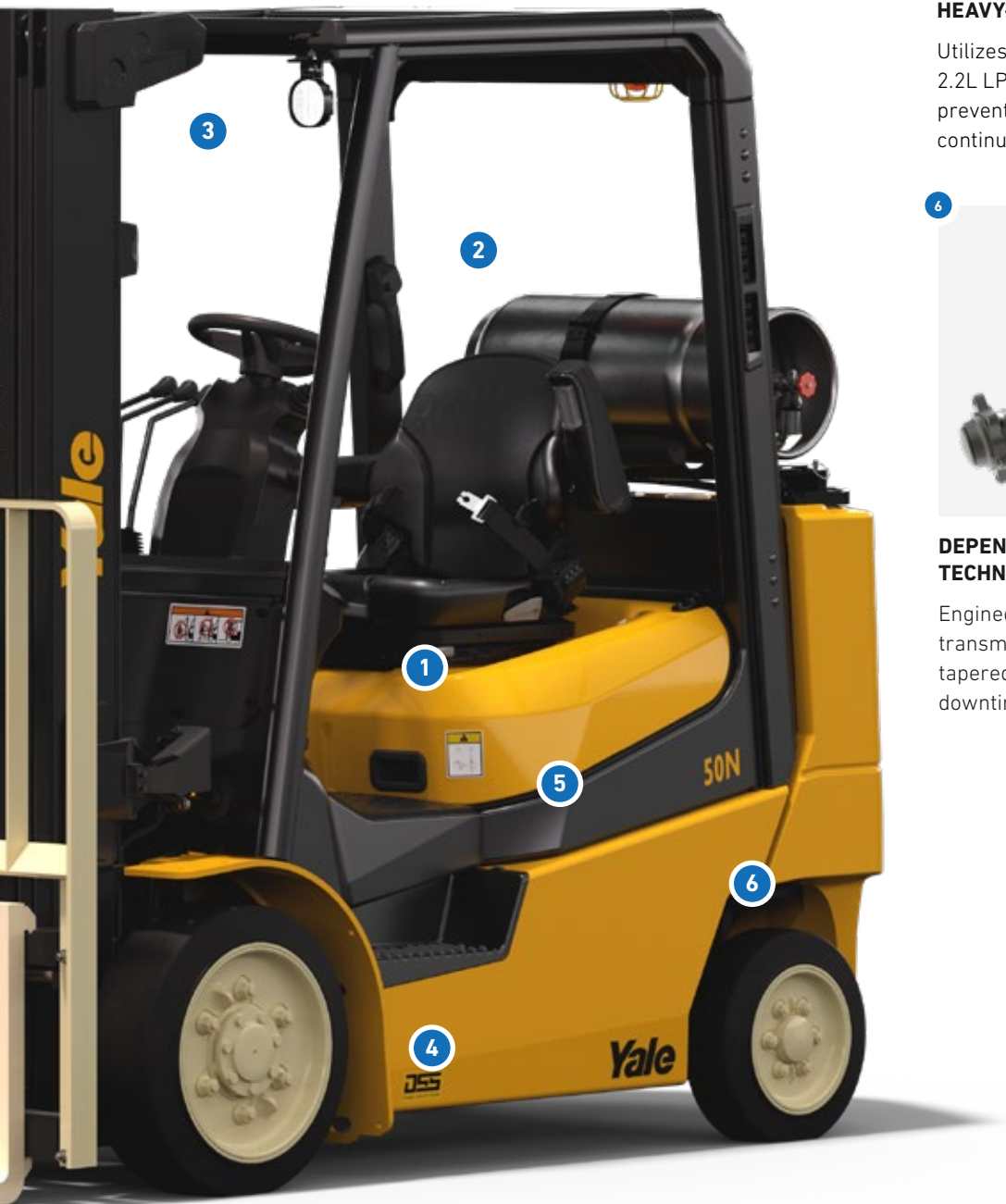


## 4 DYNAMIC STABILITY SYSTEM (DSS)

An innovative, maintenance-free system that promotes operating best practices by implementing truck performance limitations to help minimize forward and sideways tip-overs.<sup>1</sup>



<sup>1</sup> While lift truck systems support safe operation and help minimize the potential for tip overs, proper operation of the lift truck and 100% full-time utilization of the truck's seat belt are the primary and best means of keeping the truck and operator upright and safe. Refer to the operator and service manuals for proper operation and maintenance.



5



### HEAVY-DUTY INDUSTRIAL YANMAR ENGINE

Utilizes a heavy-duty EPA-certified Yanmar 2.2L LPG engine designed with extended preventive maintenance service intervals for continuous, heavy use.

6



### DEPENDABLE HIGH PERFORMANCE TECHNOLOGY

Engineered with a reliable, aluminum transmission and robust steer axle with tapered roller bearings to help minimize downtime and simplify service.

## GENERAL SPECIFICATIONS

		Yale					
GENERAL	Manufacturer Name	Yale					
	Model	GC40N	GC50N	GC55NS	GC60N	GC70N	
	Engine	Yanmar 2.2L					
	Power Type - LPG, Diesel, Dual Fuel	LPG					
	Operator Type	Seated					
	Rated capacity	lbs. (kg)	4000 (1810)	5000 (2270)	5500 (2500)	6000 (2720)	7000 (3180)
	Load Center Distance	in. (mm)	24.0 (610)				
	Length, Center of Drive Wheel to Face of Forks [1]	in. (mm)	17.0 (431)			17.4 (441)	
	Wheelbase	in. (mm)	58.3 (1480)				
	TIRES	Tire Type - Cushion, Solid, Pneumatic	Cushion				
Tire Size, Front		21 x 7 x 15		21 x 8 x 15		21 x 9 x 15	
Tire Size, Rear		16 x 5 x 10.5		16 x 6 x 10.5		16 x 7 x 10.5	
Wheels, Number Front/Rear (x = driven wheels)		2x/2					
DIMENSIONS	Mast Tilt Angles, Forward/Backward	degrees	6/5				
	Height of Standard Overhead Guard	in. (mm)	83.7 (2127)				
	Height of Lowered Overhead Guard	in. (mm)	81.0 (2058)				
	Step Height	in. (mm)	16.3 (415)				
	Tow pin height	in. (mm)	14.4 (365)				
	Length To Face of Forks [1]	in. (mm)	91.6 (2326)	94.1 (2390)	91.2 (2317)	97.2 (2470)	99.1 (2516)
	Departure Angle	%	36	34	36	30	30
	Overall Width, Standard Tread	in. (mm)	42.1 (1070)		44.1 (1121)		46.2 (1174)
	Overall Width, Wide Tread	in. (mm)	49.5 (1258)				
	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)	
	Maximum Fork Spread, Outside Edge to Edge, Std. or ISS Carriage	in. (mm)	33.5 (850)			34.4 (875)	
	Maximum Fork Spread, Outside Edge to Edge w/ Fork Positioner	in. (mm)	33.5 (852)				
	Standard Carriage Width, Including LBR	in. (mm)	38.5 (977)				
	Ground Clearance Below Mast RL	in. (mm)	3.5 (89)				
	Ground Clearance, Center of Wheelbase NL	in. (mm)	4.5 (115)				
	Breakover Angle	%	32				
	Aisle Width, Right Angle Stack (Add Length of Load and Clearance)	in. (mm)	95.9 (2436)	97.9 (2487)	93.2 (2368)	101.5 (2577)	103.5 (2630)
	Outside Turning Radius (OTR)	in. (mm)	78.9 (2005)	80.9 (2056)	76.3 (1937)	84.1 (2136)	86.2 (2189)
POWERTRAIN	Engine Manufacturer and Model	Yanmar 2.2L					
	Power Output @ RPM	hp (kW)	56 (42) @ 2530				
	Torque @ RPM	ft-lbs. (N-m)	128 (174) @ 1690				
	Number of Cylinders/Displacement	cc (ci)	4/2189 (134)				
	Battery Type	Maintenance Free					
	Volts/Cold Cranking Amps	V/A	12/530				
	Transmission Type, Standard	Electronic Powershift					
	Standard Speeds, Forward - Reverse	1 - 1					
	Auxiliary Hydraulic Pressure Relief for Attachments	psi (MPa)	1740 (12)				
Oil Flow for Attachments	gal/min (L/min)	16 (60)					

NOTE: Above specifications, unless otherwise listed, are for a standard truck without optional equipment. RL = Rated Load NL = No Load

\* Add 1 in. (25mm) when equipped with Integral Sideshifting Carriage.

## FEATURES LIST

POWERTRAIN	STD	OPT	CHASSIS - WHEELS & TIRES (CONTINUED)	STD	OPT
Engine - Yanmar 2.2l EPA-certified LPG	●		Smooth cushion tires	●	
Powershift transmission	●		Non-marking smooth cushion tires		●
Techtronix™ transmission		●	Lugged cushion tires		●
Brakes - self energizing drum	●		<b>CHASSIS</b>	<b>STD</b>	<b>OPT</b>
Key switch start	●		Dynamic stability system (DSS)	●	
Keyless start with operator password		●	Belly screen		●
High air intake	●		Drive axle string cutters		●
High air intake with pre-cleaner		●	Frame rub rails and fender hooks		●
Heavy duty high air intake with or without pre-cleaner		●	Yale Vision wireless monitoring		●
Swing-out LPG tank bracket	●		Yale Vision wireless access		●
Swing-out and drop down LPG tank bracket		●	Yale Vision wireless verification		●
LPG tank bracket interlock		●	<b>CHASSIS - OPERATOR COMPARTMENT</b>	<b>STD</b>	<b>OPT</b>
Exhaust wraps		●	84" rectangular tube operator compartment	●	
Single pedal inch brake	●		82" rectangular tube operator compartment		●
Dual pedal inch brake		●	84" figure 8 tube operator compartment		●
Diamond plate brake pedal pad		●	Grid style overhead guard	●	
U.L. label - standard construction (type LP)	●		Clear view overhead guard		●
U.L. label - safety construction (type LPS)		●	Polycarbonate rain top		●
System monitoring	●		Directional lever direction control	●	
Premium monitoring		●	Foot directional control		●
On-demand cooling system		●	Seat side directional control		●
High capacity starter battery		●	Steering wheel with spinner knob	●	
Engine block heater		●	Steering wheel without spinner knob		●
Radiator lint screen		●	Tilt steering column - infinitely adjustable with 26 degree range	●	
Powertrain protection system with engine shutdown		●	Telescopic steering column		●
Empty seat engine shutdown		●	2.8" color touchscreen operator display	●	
Traction speed limiter pre-set to 8mph		●	5" color touchscreen operator display		●
Travel speed indicator		●	Non-suspension vinyl seat	●	
<b>LIFT OPTIONS - FRONT END EQUIPMENT</b>	<b>STD</b>	<b>OPT</b>	Non-suspension cloth seat		●
2 stage limited free lift mast	●		Full suspension seat, vinyl or cloth		●
2 stage full free lift mast		●	Air ride full suspension seat, vinyl or cloth		●
3 stage full free lift mast		●	Low-profile full suspension vinyl seat		●
38.5" wide hook type carriage	●		Seat belt - black - no-cinch with ELR (emergency locking retractor)	●	
38.5" wide hook type integral sideshift carriage		●	Seat belt - high-visibility red - no-cinch with ELR		●
38.5" wide hook type integral sideshifting fork positioner carriage		●	Seat belt - high-visibility red - no-cinch with ELR + start interlock		●
38.5" attachment carriage		●	<b>CHASSIS - OPERATOR COMPARTMENT ACCESSORIES</b>	<b>STD</b>	<b>OPT</b>
Hook type standard taper forks	●		Accessory mounting post		●
Hook type polished & full bottom taper forks		●	Swing-out accessory arm		●
48" high load backrest extension	●		Dual side view mirrors		●
36" high load backrest extension		●	Single panoramic mirror		●
60" high load backrest extension		●	Rear drive handle with horn button		●
Mast tilt - 6° forward / 5° back	●		12 volt auxiliary supply		●
Mast tilt - 10° forward / 5° back		●	12 volt power supply with 2 USB charging ports		●
Tilt cylinder boots		●	Operator fan		●
Hydraulic accumulator		●	Fire extinguisher		●
Laser level line		●	<b>LIGHTS &amp; ALARMS</b>	<b>STD</b>	<b>OPT</b>
<b>LIFT OPTIONS - HYDRAULICS</b>	<b>STD</b>	<b>OPT</b>	Halogen work lights		●
Standard displacement hydraulic pump	●		LED work lights		●
On-demand hydraulic system		●	Reverse-activated rear work light		●
Mechanical lever hydraulic controls	●		Key activated work light control		●
Mini-lever hydraulic controls		●	Automatic (ambient) work light control		●
Hydraulic controls for use with clamping attachments		●	LED brake / tail / backup tail light package, with or without turn signals		●
Hydraulic controls with return to set tilt		●	Visible alarm amber strobe - keyswitch activated		●
3 function (1 auxiliary) hydraulic control valve	●		Blue LED pedestrian awareness spot light - front, rear or both		●
4 function (2 auxiliary) hydraulic control valve		●	Red LED pedestrian awareness spot light - front, rear or both		●
Auxiliary function hose groups		●	Red pedestrian awareness perimeter lights - left and right		●
Attachment extension tubes, with or without quick disconnects		●	Red pedestrian awareness perimeter lights - left, right and rear		●
High temperature hydraulic fluid		●	LED mast lights - 2 up, 2 down or 2 up and 2 down		●
<b>CHASSIS - WHEELS &amp; TIRES</b>	<b>STD</b>	<b>OPT</b>	Audible alarm - reverse direction activated - self-adjusting		●
Standard tread width	●				
Wide tread width		●			


# 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.



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Trucks may be shown with optional equipment and/or features not available in all regions. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

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.

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## 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