

**Yale**   
LIFT TRUCK TECHNOLOGIES

# GC 30-40N

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Cushion tire  
internal combustion  
counterbalanced forklift

3,000-4,000 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 3,000–4,000 lb. capacity range and a heavy-duty, EPA-certified Yanmar 2.2L LPG engine, the Yale® GC30-40N will raise the bar for what you expect from a lift truck in a wide range of applications and environments.



## 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.



## 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.



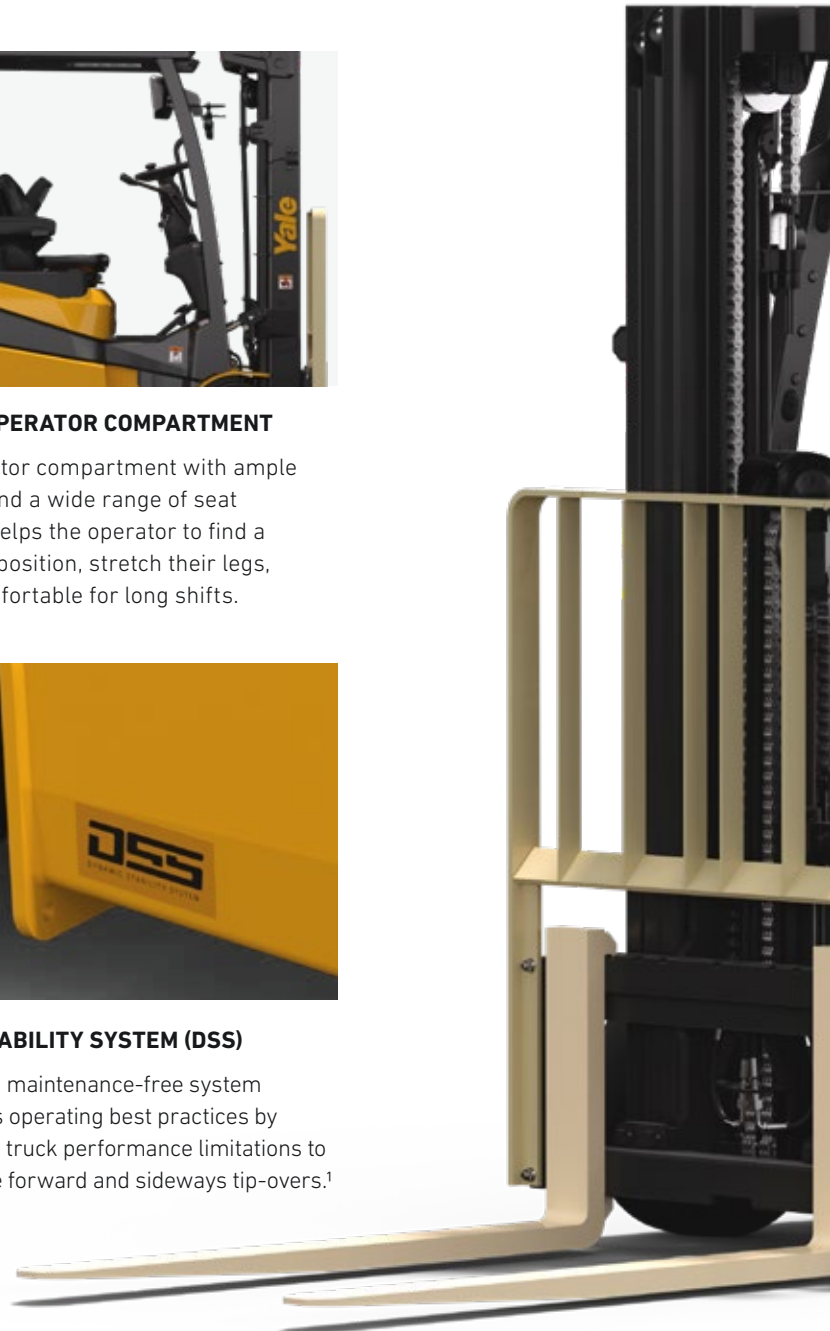
## EXCELLENT VISIBILITY

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.



## 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.



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### 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.

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### 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			
		GC30N	GC35N	GC40NS	
GENERAL	Manufacturer		Yale		
	Model		GC30N	GC35N	GC40NS
	Engine		Yanmar 2.2L		
	Power type - LPG, diesel, dual fuel		LPG		
	Operator type		Seated		
	Rated capacity	lb. (kg)	3000 (1360)	3500 (1590)	4000 (1810)
	Load center distance	in. (mm)	24.0 (610)		
	Length, center of drive wheel to face of forks*	in. (mm)	15.4 (390)		
	Wheelbase	in. (mm)	52.4 (1331)		
TIRES	Tire type - cushion, solid, pneumatic		Cushion		
	Tire size, Front		18 x 6 x 12.1	18 x 7 x 12.1	
	Tire size, Rear		15 x 5 x 11.25		
	Wheels, number front/rear (x = driven wheels)		2x/2		
DIMENSIONS	Mast tilt angles, forward/backward	degrees	6/5		
	Height of overhead guard	in. (mm)	82.6 (2098)		
	Step height	in. (mm)	16.6 (422)		
	Tow pin height	in. (mm)	13.1 (333)		
	Length to face of forks*	in. (mm)	83.7 (2125)	84.5 (2145)	86.6 (2198)
	Departure angle	%	36		
	Overall width, standard tread	in. (mm)	37.4 (950)		
	Overall width, wide tread	in. (mm)	42.3 (1074)		
	Forks, thickness x width x length	in. (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)		
	Maximum fork spread, outside edge to edge	in. (mm)	30.4 (773)		
	Maximum fork spread, outside edge to edge w/ fork positioner	in. (mm)	30.8 (782)		
	Standard carriage width, including LBR	in. (mm)	35.7 (907)		
	Ground clearance below mast RL	in. (mm)	4.4 (112)		
	Ground clearance, center of wheelbase NL	in. (mm)	4.7 (119)		
	Breakover angle	%	46		
	Aisle width, right angle stack (add length of load and clearance)	in. (mm)	85.4 (2170)	86.9 (2206)	88.1 (2238)
	Outside turning radius (OTR)	in. (mm)	70.1 (1780)	71.5 (1816)	72.8 (1848)
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	12/500		
	Transmission type, standard		Electronic powershift		
	Standard speeds, forward - reverse		1 - 1		
	Auxiliary hydraulic pressure relief for attachments	psi (MPa)	2610 (18)		
Oil flow for attachments	gal/min (L/min)	10.6 (40)			

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

\* Add 1.3 in. (34mm) when equipped with Integral Sideshifting Carriage.

## FEATURES LIST


POWERTRAIN	STD	OPT	CHASSIS - WHEELS & TIRES	STD	OPT
Engine - Yanmar 2.2L EPA-certified LPG	●		Standard tread width	●	
Powershift transmission	●		Wide tread width		●
Techtronix™ transmission		●	Smooth cushion tires	●	
Brakes - self energizing drum	●		Non-marking smooth cushion tires		●
Key switch start	●		Lugged cushion tires		●
Keyless start with operator password		●	<b>CHASSIS</b>	<b>STD</b>	<b>OPT</b>
High air intake	●		Dynamic Stability System (DSS)	●	
High air intake with pre-cleaner		●	Belly screen		●
Heavy duty high air intake with or without pre-cleaner		●	Drive axle string cutters		●
Swing-out LPG tank bracket	●		Yale Vision wireless monitoring		●
Swing-out and drop down LPG tank bracket		●	Yale Vision wireless access		●
LPG tank bracket interlock		●	Yale Vision wireless verification		●
Exhaust wraps		●	<b>CHASSIS - OPERATOR COMPARTMENT</b>	<b>STD</b>	<b>OPT</b>
Single pedal inch brake	●		83" rectangular tube operator compartment	●	
Dual pedal inch brake		●	Grid style overhead guard	●	
Diamond plate brake pedal pad		●	Directional lever direction control	●	
U.L. Label - Standard Construction (type LP)	●		Foot directional control		●
U.L. Label - Safety Construction (type LPS)		●	Seat side directional control		●
System monitoring	●		Steering wheel with spinner knob	●	
Premium monitoring		●	Steering wheel without spinner knob		●
Powertrain protection system with engine shutdown		●	Tilt steering column - infinitely adjustable with 26 degree range	●	
"Empty seat" engine shutdown		●	Telescopic steering column		●
Traction speed limiter pre-set to 8mph		●	2.8" color touchscreen operator display	●	
Travel speed indicator		●	5" color touchscreen operator display		●
<b>LIFT OPTIONS - FRONT END EQUIPMENT</b>	<b>STD</b>	<b>OPT</b>	Non-suspension vinyl seat	●	
2 stage limited free lift mast	●		Non-suspension cloth seat		●
2 stage full free lift mast		●	Full suspension seat, vinyl or cloth		●
3 stage full free lift mast		●	Low-profile full suspension vinyl seat		●
36" wide hook type carriage	●		Seat belt - black - no-cinch with ELR (emergency locking retractor)	●	
36" wide hook type integral sideshift carriage		●	Seat belt - high-visibility red - no-cinch with ELR		●
36" wide hook type integral sideshifting fork positioner carriage		●	Seat belt - high-visibility red - no-cinch with ELR + start interlock		●
Hook type standard taper forks	●		<b>CHASSIS - OPERATOR COMPARTMENT ACCESSORIES</b>	<b>STD</b>	<b>OPT</b>
Hook type polished & full bottom taper forks		●	Accessory mounting post		●
48" high load backrest extension	●		Swing-out accessory arm		●
36" high load backrest extension		●	Dual side view mirrors		●
Mast tilt - 6° forward / 5° back	●		Single panoramic mirror		●
Mast tilt - 10° forward / 5° back		●	Rear drive handle with horn button		●
Tilt cylinder boots		●	12 volt auxiliary supply		●
Hydraulic accumulator		●	12 volt power supply with 2 USB charging ports		●
Laser level line		●	Operator fan		●
<b>LIFT OPTIONS - HYDRAULICS</b>	<b>STD</b>	<b>OPT</b>	Fire extinguisher		●
Mechanical lever hydraulic controls	●		<b>LIGHTS &amp; ALARMS</b>	<b>STD</b>	<b>OPT</b>
Mini-lever hydraulic controls		●	Halogen work lights		●
Hydraulic controls for use with clamping attachments		●	LED work lights		●
Hydraulic controls with return to set tilt		●	Reverse-activated rear work light		●
3 function (1 auxiliary) hydraulic control valve	●		Key activated work light control		●
4 function (2 auxiliary) hydraulic control valve		●	Automatic (ambient) work light control		●
Auxiliary function hose groups		●	LED brake/tail/backup tail light package, with or without turn signals		●
Attachment extension tubes, with or without quick disconnects		●	Visible alarm amber strobe - keyswitch activated		●
High temperature hydraulic fluid		●	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.

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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.



## 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