

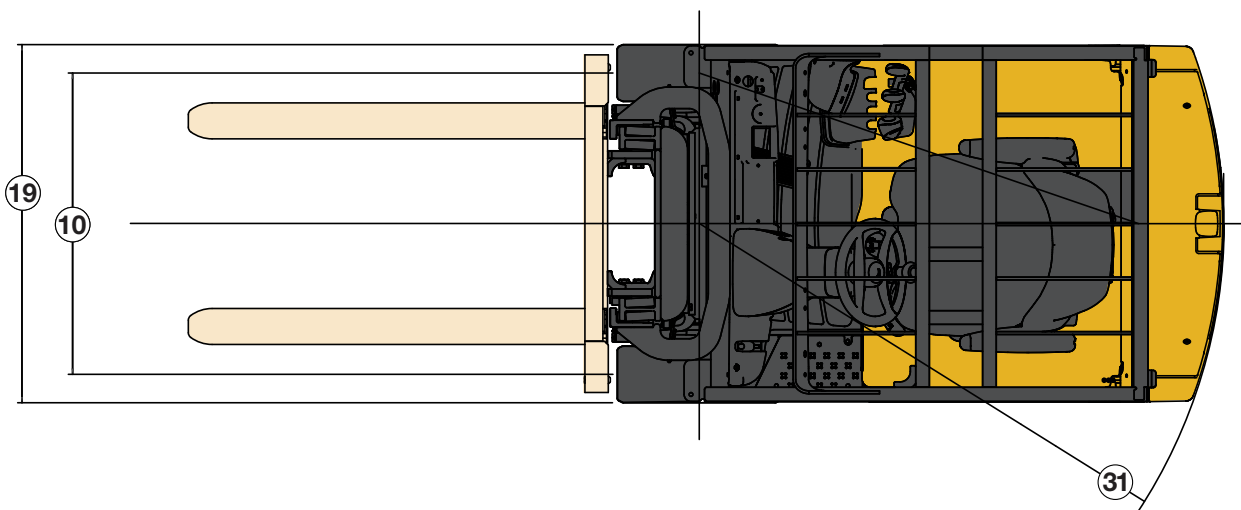
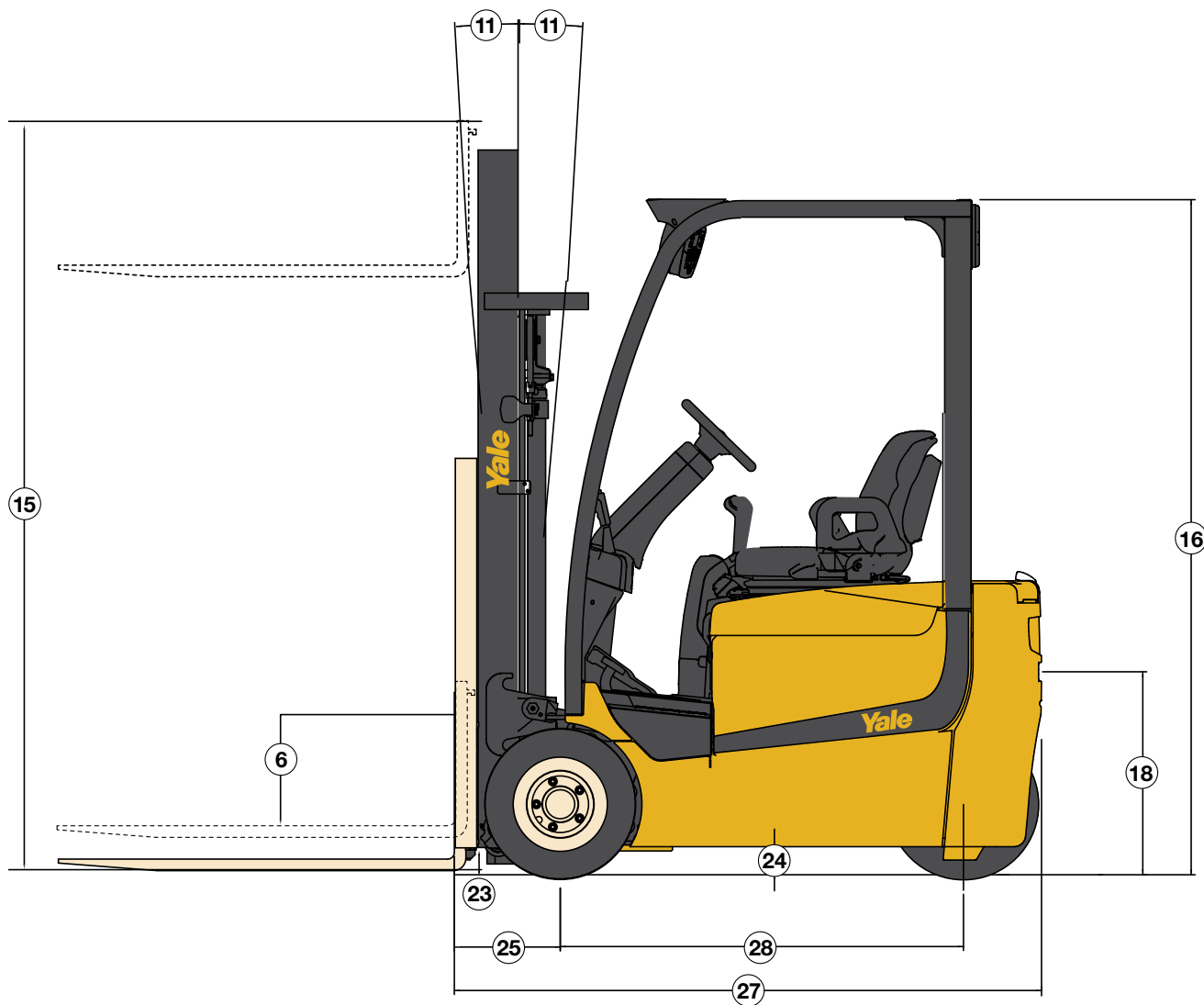


ERP 025-030VC

SPEC SHEET

3-wheel pneumatic tire (RWD)
electric counterbalanced forklift

2,500-3,000 lbs.



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

GENERAL SPECIFICATIONS - ERP025-030VC

				Yale	Yale	
GENERAL	1	Manufacturer		ERP025VC	ERP030VC	
	2	Model designation		ERP025VC	ERP030VC	
	3	Power		Electric		
	4	Operation		Sit		
	5	Rated capacity		2500 (1134)	3000 (1361)	
	6	Load center		24 (610)		
TIRES & WHEELS	7	Tire type - Cushion, Solid, Pneumatic, etc.		Front / rear		
	8	Tire size		Front / rear		
	9	Wheels - number	X=Driven	in.		
	10	Tread	¢ Tires	18 x 7-8 / 18 x 7-8		
DIMENSIONS	11	Mast tilt		Front / rear	Pneumatic shaped solid / pneumatic shaped solid	
	12	Mast	Lowered height	Std / wide	in. (mm)	
	13	Free lift	Top of fork	Std / wide	in. (mm)	
	14	Lift height	Top of fork	Std 2-stg LFL mast	in. (mm)	
	15	Mast	Extended height	Std 2-stg LFL mast	in. (mm)	
	16	Overhead guard height		Std mast	in. (mm)	
	17	SIP to bottom std OHG	Nominal	Std 2-stg LFL mast with / without LBR	in. (mm)	
	18	Tow pin height		Std 2-stg LFL mast	in. (mm)	
	19	Overall width		Std mast with / without LBR	in. (mm)	
	20	Forks		Std / opt	in. (mm)	
	21	Standard carriage width		Std / susp / swivel	in. (mm)	
	23	Ground clearance	Lowest point	Vertical center of pin	in. (mm)	
	24		Center of truck	Std / wide tread	in. (mm)	
	25	Load distance		Thickness x width x length	in. (mm)	
	26	Battery compartment	Height	Class II	in. (mm)	
	27		Width	NL / RL	in. (mm)	
	28		Length	NL / RL	in. (mm)	
	29	Length to face of forks	Chassis length	Center of wheel to face of forks	in. (mm)	
	30	Wheelbase			in. (mm)	
	31	Right angle stack (see note 2)			in. (mm)	
	WT.	32	Truck weight	Without battery	NL	lb. (kg)
		33	Axle loading - front	Static with max. wt. battery	NL / RL	lb. (kg)
		34	Axle loading - steer	Static with max. wt. battery	NL / RL	lb. (kg)
		35	Voltage			VOLTS
	PERFORMANCE	36	Travel speed	Extended shift OFF	NL / RL	mph (km/h)
		37		Extended shift ON	NL / RL	mph (km/h)
		38	Lift speed	Std 2-stg LFL mast	NL / RL	ft/min (m/sec)
		39		Opt 3-stg FFL mast	NL / RL	ft/min (m/sec)
		40	Lower speed	Std 2-stg LFL mast	NL / RL	ft/min (m/sec)
		41		Opt 3-stg FFL mast	NL / RL	ft/min (m/sec)
		42	Gradeability	5 Minute rating	NL / RL	%
43		60 Minute rating		NL / RL	%	
44		Drawbar pull	5 Minute rating	NL / RL	lbf (N)	
45			60 Minute rating	NL / RL	lbf (N)	
46	Brake	Method of control	Service / parking	Hydraulic / mechanical		
47		Method of operation	Service / parking	Foot / lever		
ELECTRIC	48	Battery type		Lead acid		
	49	Traction motors	60 Minute rating	hp (kW)	6.3 (4.7)	
	50	Pump motor	15 Minute rating	hp (kW)	8.0 (6.0)	
	51	Traction motor	Type / control method	AC / transistor		
	52	Pump motor	Type / control method	AC / transistor		
OTHER	53	Number of speeds	Traction / pump	Infinitely variable		
	54	Step height		in. (mm)	19.1 (485)	
	55	Floor height	Lowest point	in. (mm)	20.6 (522)	
	56	Attachment relief pressure		psi (bar)	2248 (155)	
57	Auxiliary oil flow		gal/min (l/min)	5.3 (20)		
58	Sound level	Measured per ANSI B56.11.5	dB (A)	59		

Above specifications, unless otherwise listed, are for a standard truck without optional equipment. Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

NOTE 1: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Specification Sheet. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Yale Dealer.

NOTE 2: Right angle stack and equal intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance. For models with zero turn radius the right angle stack calculation is: $Right\ Angle\ Stack = OTR + \sqrt{(Load\ Distance + Load\ Length)^2 + (\frac{Load\ Width}{2})^2}$

BATTERY AND COMPARTMENT SPECIFICATIONS

Truck model	Compartment dim			Battery dim - max			Volts	No. of cells	Max capacity 6 hour rate	Weight	
	Width	Length	Height	"X"	"Y"	"Z"				Min	Max
	in. (mm)								amp hr (kwh)	lb. (kg)	
ERP025VC 17" compartment	32.9 (835)	17.3 (439)	25 (635)	32.7 (830)	17.1 (435)	24.7 (627)	24	12	600 (14.4)	1256 (570)	1543 (699)
ERP030VC 19" compartment	32.9 (835)	19.4 (493)	25 (635)	32.7 (830)	19.3 (489)	24.7 (627)	24	12	1000 (24)	1415 (642)	1620 (734)

Battery type: "E0"(without cover)

Battery compartment length is measured front to rear. Battery compartment width is measured across the truck.

BATTERY NOTES - CONVENTIONAL CHARGING

Battery connector: 24 volt - Red SBE*320 (Anderson Power Products* P/N E6342G1 or equivalent)

Battery lead: length 20" (508 mm), position "A", 2/0 AWG

Handle (not required): SBE*320 (Anderson Power Products*: "A" TYPE (Grey) P/N 995G2 or equivalent)

MAST DIMENSIONS

Maximum fork height (TOF)	Overall lowered height	Overall extended height		Free lift (TOF)	
		with Load backrest	w/o Load backrest	with Load backrest	w/o Load backrest
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
2-STAGE LIMITED FREE LIFT (LFL)					
112 (2860)	78 (1980)	161 (4089)	133 (3368)	5 (140)	5 (140)
132 (3360)	88 (2230)	181 (4589)	153 (3868)	5 (140)	5 (140)
3-STAGE FULL FREE LIFT (FFL)					
169 (4300)	78 (1980)	218 (5531)	190 (4808)	29 (749)	57 (1472)
181 (4600)	82 (2080)	230 (5831)	202 (5108)	33 (849)	61 (1572)
192 (4900)	86 (2180)	242 (6131)	213 (5408)	37 (949)	65 (1672)

FEATURES LIST

PERFORMANCE	STD	OPT	OPERATION	STD	OPT
24-Volt electrical system	●		Battery compartment size		
AC traction and pump motors (completely brushless)	●		- 17.3" (ERP025VC)	●	
Transistor drive and pump control	●		-19.4" (ERP030VC)		
Advanced VSM (Vehicle System Manager)	●		Lift out battery extraction	●	
Progressive thermal management	●		Standard construction	●	
Rear wheel drive	●		UL Classification type "E"	●	
DRIVE	STD	OPT	Key switch start	●	
Pneumatic-shaped solid drive tire and steer tire	●		81.1" Grid style overhead guard	●	
Non-marking pneumatic-shaped solid drive tire and steer tire		●	3-function hydraulic control valve with seatside mechanical levers	●	
LIFT	STD	OPT	On-demand hydrostatic power-assist steering	●	
2-stage limited free lift (LFL) mast with maximum fork height of 112"	●		Fully integrated CANbus communication	●	
Available with 2-stage limited free lift (LFL) and 3-stage full free lift (FFL) masts		●	Zero turn radius	●	
5° forward / 5° back mast tilt	●		Static strap	●	
Return to set tilt		●	Tow pin	●	
Load weight indicator		●	On-board software		
HANDLING	STD	OPT	- Program, test & diagnose	●	
35.7" Wide class II carriage with 48" high load backrest extension	●		-Password protected		
42" (1067mm) long forks	●		Electronic horn with intergral relay (long life / no adjustments)	●	
Carriage with integral sideshift		●	Battery side covers	●	
ERGONOMICS	STD	OPT	Application / environmental construction		
Seat side directional control	●		- Cooler / freezer package: operating temperatures: 0° F to +120° F		●
12" Steering wheel with integral spinner knob and tilt column	●		4-Function hydraulic control valve		●
Black, non-cinch seat belt with Emergency Locking Retractor (ELR)	●		Hydraulic attachment extension tubes with or without quick disconnect fittings		●
Power assist braking	●		77.9" grid style overhead guard		●
Auto Deceleration System (ADS)	●		Keyless start (with auxiliary key switch)		●
Regenerative braking	●		LED and halogen work light packages		●
Multifunction display			LED dome / reading light		●
- Battery state of charge with low battery lift interrupt			Basic and premium LED brake / tail / back-up light packages		●
- Hour meter			Audible alarm –reverse operation (manually adjustable to 87, 97 or 102 dB)		●
- Performance mode indicator	●		Visible amber strobe light – continuous activated, overhead guard mounted		●
- Fault indicator			Fire extinguisher – 2.5 lb. dry chemical		●
- 4 operator selectable, programmable performance modes			Impact monitor		●
Easy ingress / egress with low step height and contoured handhold	●		Operator password start interlock		●
Operator convenience station	●		Operator daily checklist		●
Adjustable tilt steering column with low profile cowl	●		System monitor – hydraulic low fluid level indicator and hydraulic filter service indicator		●
Cushioned floormat	●		Programmable maintenance reminder		●
Seatside power disconnect button	●		Yale Vision		●
Operator Presence System (OPS)	●		Yale Reliant™		●
Vinyl non-suspension seat	●		SUPPLEMENTAL	STD	OPT
Hydrostatic steer system	●		36 Month / 6,000 hour powertrain warranty	●	
Automatic park brake	●		12 month / 2,000 hour full truck warranty	●	
Accutouch hydraulic mini-levers		●	Operating manual	●	
Non-suspension cloth seat		●			
Full-suspension seat (vinyl or cloth)		●			
Full-suspension swivel seat (vinyl or cloth)		●			
Seatside directional control		●			
Telescopic steering column with tilt memory		●			
Rear drive handle with horn button		●			
Mirrors – dual side view – LH & RH OHG side mounted		●			
Mirror – single panoramic – OHG mounted		●			
Red, high-visibility, non-cinch seat belt with or without start interlock		●			
Foot directional control		●			

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.