



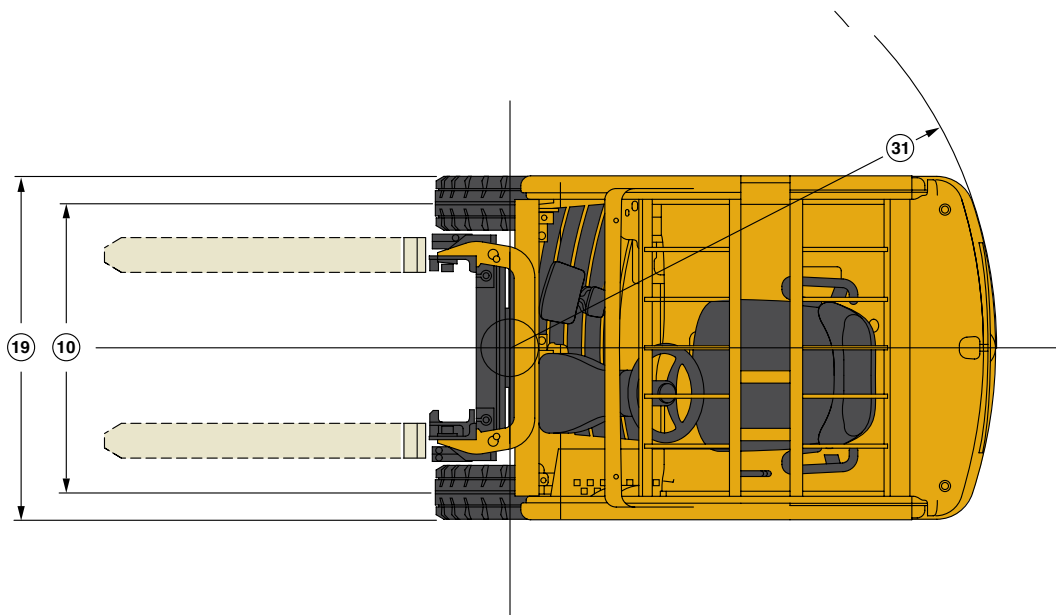
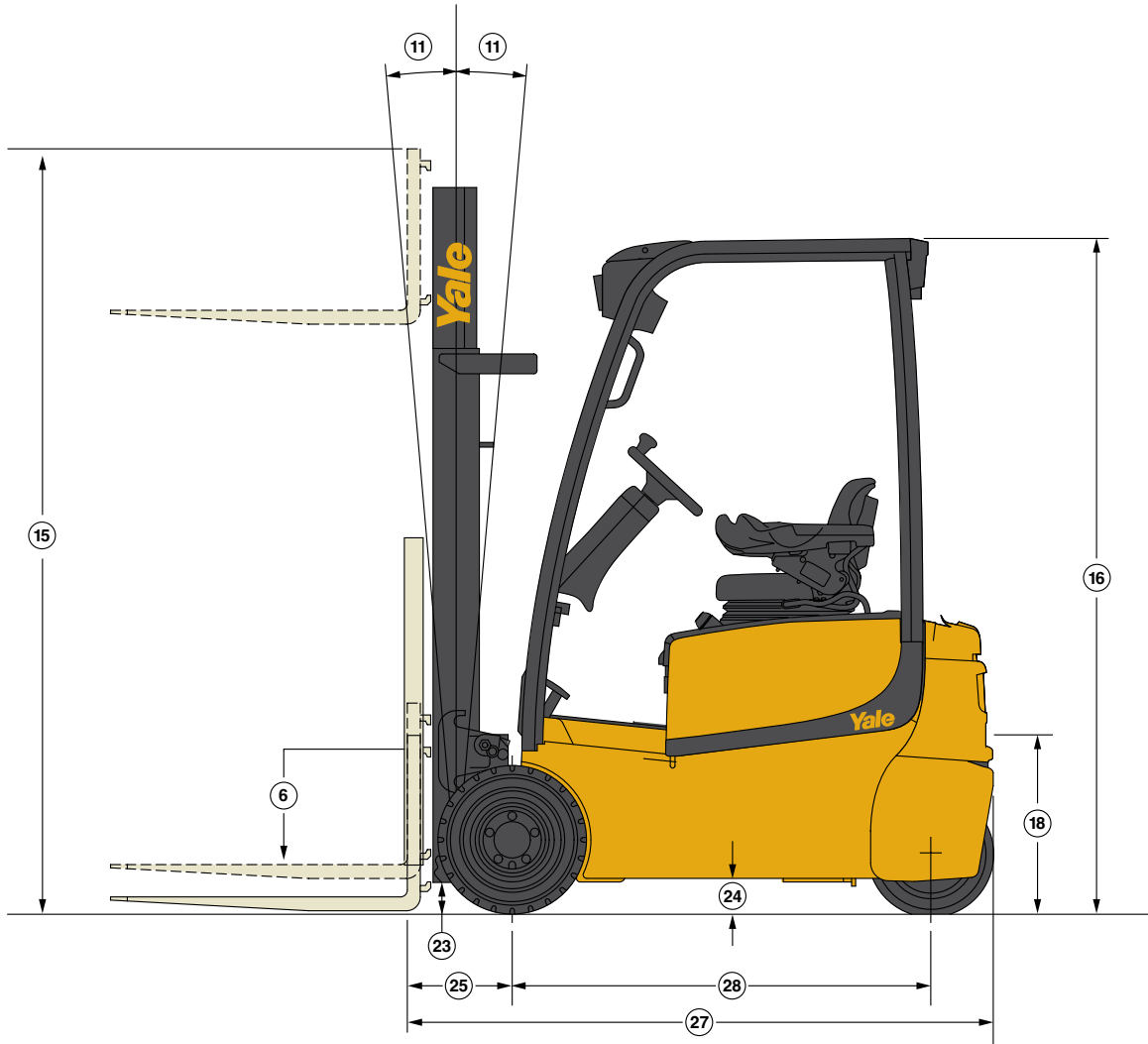
# ERP030-040VT

SPEC SHEET

3,000-4,000 lbs.

VT Series

3-wheel pneumatic tire  
electric counterbalanced  
forklift



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

**GENERAL SPECIFICATIONS - ERP030VT**

GENERAL	1	Manufacturer			Yale®						
	2	Model designation			ERP030VT						
	3	Power			Electric						
	4	Operation			Sit						
	5	Rated capacity	lb. (kg)		3000 (1361)						
	6	Load center	in. (mm)		24 (610)						
TIRES	7	Tire type - cushion, solid, pneumatic, etc.		Drive/steer		Pneumatic shaped solid / pneumatic shaped solid					
	8	Tire size		Drive/steer		in.		18 x 7-8 / 15 x 4.5-8			
	9	Wheels - number	X=Driven		Drive/steer		2X / 2				
	10	Tread	Ctr. of tires		Drive/steer		in. (mm)		35 / 7 (889 / 179)		
DIMENSIONS	11	Mast tilt	Std opt opt		degrees		5F / 5B 10F / 5B 5F / 4B				
	12	Mast - lowered height	Std mast		in. (mm)		78 (1980)				
	13	Free lift - top of fork	Std 2-stg limited free lift mast		in. (mm)		5 (140)				
	14		Opt 2-stg full free lift mast with/without LBR		in. (mm)		29 / 55 (750 / 1405)				
	15	Lift height - top of fork	Std 2-stg limited free lift mast		in. (mm)		119 (3032)				
	16	Mast - extended height	Std mast with/without LBR		in. (mm)		168 / 142 (4262 / 3606)				
	17	Overhead guard height	Std/flat plate/drive in rack		in. (mm)		81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)				
	18	SIP to bottom std OHG	Nominal	Std/susp/swivel		in. (mm)		38.9 / 39.2 / 38.7 (989 / 997 / 985)			
	19	Tow pin height	Vertical center of pin		in. (mm)		21.2 (540)				
	20	Overall width			in. (mm)		41.3 (1050)				
	21	Forks	Thickness x width x length		in. (mm)		1.6 x 3.9 x 42 (40 x 100 x 1067)				
	22	Standard carriage width			in. (mm)		38.5 (977)				
	23	Floor to top of battery rollers			in. (mm)		7 (178)				
	24		Ground clearance	Lowest point	NL/RL		in. (mm)		2.8 / 2.8 (70 / 70)		
	25	Load distance	Center of wheel to face of forks		in. (mm)		3.7 / 3.5 (95 / 90)				
	26	Battery compartment	Height	Std/battery rollers/tall		in. (mm)		12.6 (321)			
	27		Width			in. (mm)		23.9 / 25.4 / 26.7 (607 / 645 / 677)			
	28		Length			in. (mm)		39 (990)			
	29	Length to face of forks	Chassis length		in. (mm)		21.5 (546)				
	30	Wheelbase			in. (mm)		71.2 (1808)				
	31	Right angle stack			in. (mm)		50.8 (1290)				
32	Equal aisle	90° Intersecting aisle		in. (mm)		118.9 (3021)					
33	Outside turning radius			in. (mm)		69.3 (1759)					
34	Truck weight	Without battery	NL		lb. (kg)		58.3 (1481)				
35	Axle loading - drive	Static with max. wt. battery	NL/RL		lb. (kg)		5100 (2313)				
36	Axle loading - steer	Static with max. wt. battery	NL/RL		lb. (kg)		3553 / 8718 (1612 / 3954)				
PERFORMANCE	37	Voltage					36		48		
	38	Travel speed	Extended shift OFF	NL/RL		mph (km/h)		9.8 / 9.8 (15.7 / 15.7)		9.8 / 9.8 (15.7 / 15.7)	
	39		Extended shift ON	NL/RL		mph (km/h)		8.7 / 8.7 (14.0 / 14.0)		8.7 / 8.7 (14.0 / 14.0)	
	40	Lift speed	Std 2-stg LFL mast	NL/RL		ft/min (m/sec)		128 / 77 (0.65 / 0.39)		134 / 94 (0.68 / 0.48)	
	41		Opt 2-stg FFL mast	NL/RL		ft/min (m/sec)		114 / 75 (0.58 / 0.38)		120 / 89 (0.61 / 0.45)	
	42		Opt 3-stg FFL mast	NL/RL		ft/min (m/sec)		114 / 75 (0.58 / 0.38)		120 / 89 (0.61 / 0.45)	
	43		Opt 4-stg FFL mast	NL/RL		ft/min (m/sec)		120 / 77 (0.61 / 0.39)		126 / 91 (0.64 / 0.46)	
	44	Lower speed	Std 2-stg LFL mast	NL/RL		ft/min (m/sec)		93 / 100 (0.47 / 0.51)			
	45		Opt 2-stg FFL mast	NL/RL		ft/min (m/sec)		77 / 91 (0.39 / 0.46)			
	46		Opt 3-stg FFL mast	NL/RL		ft/min (m/sec)		81 / 91 (0.41 / 0.46)			
	47		Opt 4-stg FFL mast	NL/RL		ft/min (m/sec)		94 / 98 (0.48 / 0.50)			
	48	Gradability	5 Minute rating	NL/RL		%		38.4 / 26.5		34 / 25	
49	60 Minute rating		NL/RL		%		6.0 / 4.4		9.9 / 6.5		
50	Drawbar pull	5 Minute rating	NL/RL		lbf		2719 / 2714 (12096 / 12072)		2489 / 2437 (11072 / 10840)		
51		60 Minute rating	NL/RL		lbf		458 / 462 (2038 / 2054)		744 / 691 (3309 / 3074)		
52	Brake	Method of control	Service/parking				Hydraulic / mechanical				
53		Method of operation	Service/parking				Foot / automatic				
ELECTRIC	54	Battery	Type				Lead acid				
	55	Traction motors (Dual)	60 Minute rating (each)		hp (kW)		6.4 (4.8)		6.7 (5.0)		
	56	Pump motor	15 Minute rating		hp (kW)		16.1 (12.0)		16.1 (12.0)		
	57	Traction motors	Type/control method				AC / transistor				
	58	Pump motor	Type/control method				AC / transistor				
59	Number of speeds	Traction/pump				Infinitely variable / infinitely variable					
OTHER	60	Step height			in. (mm)		19.1 (484)				
	61	Floor height	Lowest point		in. (mm)		21.9 (557)				
	62	Attachment relief pressure	Mech levers/mini levers		psi (bar)		2611 / 2248 (180 / 155)				
	63	Auxiliary oil flow	3rd and 4th function		gal/min (l/min)		5.3 / 10.6 (20 / 40)				
64	Sound level	Measured per ANSI B56.11.5		dB (A)		69		69			

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.

**GENERAL SPECIFICATIONS - ERP035VT**

GENERAL	1	Manufacturer			Yale®		
	2	Model designation			ERP035VT		
	3	Power			Electric		
	4	Operation			Sit		
	5	Rated capacity	lb. (kg)		3500 (1588)		
	6	Load center	in. (mm)		24 (610)		
TIRES	7	Tire type - cushion, solid, pneumatic, etc.		Drive/steer	Pneumatic shaped solid / pneumatic shaped solid		
	8	Tire size		Drive/steer	in.		
	9	Wheels - number	X=Driven	Drive/steer	2X / 2		
	10	Tread	Ctr. of tires	Drive/steer	in. (mm)		
DIMENSIONS	11	Mast tilt	Std opt opt		degrees	5F / 5B 10F / 5B 5F / 4B	
	12	Mast - lowered height	Std mast		in. (mm)	78 (1980)	
	13	Free lift - top of fork	Std 2-stg limited free lift mast		in. (mm)	5 (140)	
	14		Opt 2-stg full free lift mast with/without LBR		in. (mm)	29 / 55 (750 / 1405)	
	14	Lift height - top of fork	Std 2-stg limited free lift mast		in. (mm)	119 (3032)	
	15	Mast - extended height	Std mast with/without LBR		in. (mm)	168 / 142 (4262 / 3606)	
	16	Overhead guard height	Std/flat plate/drive in rack		in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)	
	17	SIP to bottom std OHG	Nominal	Std/susp/swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)	
	18	Tow pin height	Vertical center of pin		in. (mm)	21.2 (540)	
	19	Overall width			in. (mm)	41.3 (1050)	
	20	Forks	Thickness x width x length		in. (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)	
	21	Standard carriage width			in. (mm)	38.5 (977)	
	22	Floor to top of battery rollers			in. (mm)	7 (178)	
	23	Ground clearance	Lowest point	NL/RL	in. (mm)	2.8 / 2.8 (70 / 70)	
	24		Center of truck	NL/RL	in. (mm)	3.7 / 3.5 (95 / 90)	
	25	Load distance	Center of wheel to face of forks		in. (mm)	12.6 (321)	
	26	Battery compartment	Height	Std/battery rollers/tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width		in. (mm)	39 (990)	
			Length		in. (mm)	25.3 (642)	
	27	Length to face of forks	Chassis length		in. (mm)	74.9 (1903)	
	28	Wheelbase			in. (mm)	54.6 (1386)	
29	Right angle stack			in. (mm)	122.7 (3117)		
30	Equal aisle	90° Intersecting aisle		in. (mm)	70.6 (1793)		
31	Outside turning radius			in. (mm)	62.1 (1577)		
WT.	32	Truck weight	Without battery	NL	lb. (kg)	5230 (2372)	
	33	Axle loading - drive	Static with max. wt. battery	NL/RL	lb. (kg)	3704 / 9557 (1680 / 4335)	
	34	Axle loading - steer	Static with max. wt. battery	NL/RL	lb. (kg)	3917 / 1565 (1777 / 710)	
PERFORMANCE	35	Voltage			36	48	
	36	Travel speed	Extended shift OFF	NL/RL	mph (km/h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)
			Extended shift ON	NL/RL	mph (km/h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)
	37	Lift speed	Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	128 / 71 (0.65 / 0.36)	134 / 94 (0.68 / 0.48)
			Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 75 (0.58 / 0.38)	120 / 85 (0.61 / 0.43)
			Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 75 (0.58 / 0.38)	120 / 85 (0.61 / 0.43)
			Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)	120 / 77 (0.61 / 0.39)	126 / 89 (0.64 / 0.45)
	38	Lower speed	Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	93 / 100 (0.47 / 0.51)	
			Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	77 / 91 (0.39 / 0.46)	
			Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	81 / 91 (0.41 / 0.46)	
			Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)	94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute rating	NL/RL	%	36.2 / 24.3	35.0 / 25.0
60 Minute rating			NL/RL	%	5.7 / 4.0	9.2 / 5.9	
40	Drawbar pull	5 Minute rating	NL/RL	lbf	2719 / 2712 (12093 / 12065)	2479 / 2417 (11027 / 10751)	
		60 Minute rating	NL/RL	lbf	457 / 460 (2035 / 2047)	733 / 672 (3261 / 2989)	
41	Brake	Method of control	Service/parking		Hydraulic / mechanical		
		Method of operation	Service/parking		Foot / automatic		
ELECTRIC	42	Battery	Type		Lead acid		
	43	Traction motors (Dual)	60 Minute rating (each)		hp (kW)	6.4 (4.8) 6.7 (5.0)	
	44	Pump motor	15 Minute rating		hp (kW)	16.1 (12.0) 16.1 (12.0)	
	45	Traction motors	Type/control method		Ac / transistor		
	46	Pump motor	Type/control method		Ac / transistor		
47	Number of speeds	Traction/pump		Infinitely variable / infinitely variable			
OTHER	48	Step height			in. (mm)	19.1 (484)	
	49	Floor height	Lowest point		in. (mm)	21.9 (557)	
	50	Attachment relief pressure	Mech levers/mini levers		psi (bar)	2611 / 2248 (180 / 155)	
	51	Auxiliary oil flow	3rd and 4th function		gal/min (l/min)	5.3 / 10.6 (20 / 40)	
	52	Sound level	Measured per ANSI B56.11.5		dB (A)	69 69	

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.

**GENERAL SPECIFICATIONS - ERP040VT**

GENERAL	1	Manufacturer			Yale®					
	2	Model designation			ERP040VT					
	3	Power			Electric					
	4	Operation			Sit					
	5	Rated capacity	lb. (kg)		4000 (1814)					
	6	Load center	in. (mm)		24 (610)					
TIRES	7	Tire type - cushion, solid, pneumatic, etc.		Drive/steer		Pneumatic shaped solid / pneumatic shaped solid				
	8	Tire size		Drive/steer		in.		200 / 50-10 / 15 x 4.5-8		
	9	Wheels - number	X=Driven		Drive/steer		2X / 2			
	10	Tread	Ctr. of tires		Drive/steer		in. (mm)		35.7 / 7 (908 / 179)	
DIMENSIONS	11	Mast tilt	Std opt opt		degrees		5F / 5B 10F / 5B 5F / 4B			
	12	Mast - lowered height	Std mast		in. (mm)		78 (1980)			
	13	Free lift - top of fork	Std 2-stg limited free lift mast		in. (mm)		5 (140)			
			Opt 2-stg full free lift mast with/without LBR		in. (mm)		29 / 55 (750 / 1405)			
	14	Lift height - top of fork	Std 2-stg limited free lift mast		in. (mm)		119 (3032)			
	15	Mast - extended height	Std mast with/without LBR		in. (mm)		168 / 142 (4262 / 3606)			
	16	Overhead guard height	Std/flat plate/drive in rack		in. (mm)		81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)			
	17	SIP to bottom std OHG	Nominal	Std/susp/swivel		in. (mm)		38.9 / 39.2 / 38.7 (989 / 997 / 985)		
	18	Tow pin height	Vertical center of pin		in. (mm)		21.2 (540)			
	19	Overall width			in. (mm)		43.9 (1116)			
	20	Forks	Thickness x width x length		in. (mm)		1.6 x 3.9 x 42 (40 x 100 x 1067)			
	21	Standard carriage width			in. (mm)		38.5 (977)			
	22	Floor to top of battery rollers			in. (mm)		7 (178)			
	23	Ground clearance	Lowest point		NL/RL		in. (mm)		2.8 / 2.8 (70 / 70)	
			Center of truck		NL/RL		in. (mm)		3.7 / 3.5 (95 / 90)	
	24	Load distance	Center of wheel to face of forks		in. (mm)		12.6 (321)			
	26	Battery compartment	Height		Std/battery rollers/tall		in. (mm)		23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width				in. (mm)		39 (990)	
			Length				in. (mm)		25.3 (642)	
	27	Length to face of forks	Chassis length		in. (mm)		74.9 (1903)			
	28	Wheelbase			in. (mm)		54.6 (1386)			
29	Right angle stack			in. (mm)		122.7 (3117)				
30	Equal aisle	90° Intersecting aisle		in. (mm)		71.5 (1816)				
31	Outside turning radius			in. (mm)		62.1 (1577)				
WT.	32	Truck weight	Without battery	NL		lb. (kg)		5270 (2390)		
	33	Axle loading - drive	Static with max. wt. battery		NL/RL		lb. (kg)		3748 / 10437 (1700 / 4734)	
	34	Axle loading - steer	Static with max. wt. battery		NL/RL		lb. (kg)		3917 / 1229 (1777 / 557)	
PERFORMANCE	35	Voltage				36		48		
	36	Travel speed	Extended shift OFF		NL/RL		mph (km/h)		9.8 / 9.8 (15.7 / 15.7)	
			Extended shift ON		NL/RL		mph (km/h)		8.7 / 8.7 (14.0 / 14.0)	
	37	Lift speed	Std 2-stg LFL mast		NL/RL		ft/min (m/sec)		128 / 67 (0.65 / 0.34)	
			Opt 2-stg FFL mast		NL/RL		ft/min (m/sec)		114 / 65 (0.58 / 0.33)	
			Opt 3-stg FFL mast		NL/RL		ft/min (m/sec)		114 / 65 (0.58 / 0.33)	
			Opt 4-stg FFL mast		NL/RL		ft/min (m/sec)		120 / 71 (0.61 / 0.36)	
	38	Lower speed	Std 2-stg LFL mast		NL/RL		ft/min (m/sec)		93 / 100 (0.47 / 0.51)	
			Opt 2-stg FFL mast		NL/RL		ft/min (m/sec)		77 / 93 (0.39 / 0.47)	
			Opt 3-stg FFL mast		NL/RL		ft/min (m/sec)		81 / 93 (0.41 / 0.47)	
			Opt 4-stg FFL mast		NL/RL		ft/min (m/sec)		94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute rating		NL/RL		%		36.0 / 23.6	
			60 Minute rating		NL/RL		%		5.7 / 3.9	
	40	Drawbar pull	5 Minute rating		NL/RL		lbf		2719 / 2712 (12093 / 12062)	
			60 Minute rating		NL/RL		lbf		457 / 460 (2034 / 2044)	
41	Brake	Method of control		Service/parking				Hydraulic / mechanical		
		Method of operation		Service/parking				Foot / automatic		
ELECTRIC	42	Battery	Type				Lead acid			
	43	Traction motors (Dual)	60 Minute rating (each)		hp (kW)		6.4 (4.8)			
	44	Pump motor	15 Minute rating		hp (kW)		16.1 (12.0)			
	45	Traction motors	Type/control method				Ac / transistor			
	46	Pump motor	Type/control method				Ac / transistor			
47	Number of speeds	Traction/pump				Infinitely variable / infinitely variable				
OTHER	48	Step height			in. (mm)		19.1 (484)			
	49	Floor height	Lowest point		in. (mm)		21.9 (557)			
	50	Attachment relief pressure	Mech levers/mini levers		psi (bar)		2611 / 2248 (180 / 155)			
	51	Auxiliary oil flow	3rd and 4th function		gal/min (l/min)		5.3 / 10.6 (20 / 40)			

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.

**ERP030VT WITH 21.5" LONG COMPARTMENT**

Battery compartment dimensions				Battery dimensions and specifications										
Compartment type	Width	Length	Height	"X"		"Y"		"Z"	Volts	No. of cells	Plates per cell	Max capacity 6 hour rate amp hr (kwh)	Weight	
				Min	Max	Min	Max	Max					Min	Max
	in. (mm)			in. (mm)					lb. (kg)					
With auxiliary CTWT platform	39 (990)	21.5 (546)	23.9 (607)	38.2 (970)	38.8 (986)	20 (508)	21.2 (539)	23.4 (594)	36	18	17	880 (30.6)	1700 (771)	2200 (998)
								48	24	13	660 (30.5)			
With battery rollers	39 (990)	21.5 (546)	25.4 (645)	38.2 (970)	38.8 (986)	20 (508)	21.2 (539)	24.9 (632)	36	18	17	880 (30.6)	1700 (771)	2200 (998)
								48	24	13	660 (30.5)			
Without auxiliary CTWT platform	39 (990)	21.5 (546)	26.7 (677)	38.2 (970)	38.8 (986)	20 (508)	21.2 (539)	26.1 (664)	36	18	17	880 (30.6)	2000 (907)	2500 (1134)
								48	24	13	660 (30.5)			

**ERP035-040VT WITH 25.3" LONG COMPARTMENT**

Battery compartment dimensions				Battery dimensions and specifications										
Compartment type	Width	Length	Height	"X"		"Y"		"Z"	Volts	No. of cells	Plates per cell	Max capacity 6 hour rate amp hr (kwh)	Weight	
				Min	Max	Min	Max	Max					Min	Max
	in. (mm)			in. (mm)					lb. (kg)					
With auxiliary CTWT platform	39 (990)	25.3 (642)	23.9 (607)	38.2 (970)	38.8 (986)	23.5 (597)	25 (635)	23.4 (594)	36	18	21	1100 (38.2)	2100 (953)	2400 (1089)
								48	24	15	770 (35.8)			
With battery rollers	39 (990)	25.3 (642)	25.4 (645)	38.2 (970)	38.8 (986)	23.5 (597)	25 (635)	24.9 (632)	36	18	21	1100 (38.2)	2100 (953)	2400 (1089)
								48	24	15	770 (35.8)			
Without auxiliary CTWT platform	39 (990)	25.3 (642)	26.7 (677)	38.2 (970)	38.8 (986)	23.5 (597)	25 (635)	26.1 (664)	36	18	21	1100 (38.2)	2500 (1134)	2800 (1270)
								48	24	15	770 (35.8)			

Battery type: "EO" (without cover)  
 Battery amp hr (kwh) capacity is max allowable per UL  
 Commercially available lead acid or lithium-ion batteries may not necessarily reach these max limits  
 Battery compartment length is measured front to rear. Battery compartment width is measured across the truck

Battery notes - conventional charging (option BCSSBC)  
 Battery connector: 36 volt - Gray SB\*350 (Anderson Power Products® P/N 6320G1 or equivalent)  
 48 volt - Blue SB\*350 (Anderson Power Products® P/N 6321G1 or equivalent)  
 Battery lead: length 20" (508 mm), position "B", 2/0 AWG

Battery notes - rapid / fast charging (option BARFBC)  
 Battery connector: requires dual positive / negative cabling terminating in (2) female EBC-320 DIN connectors (Anderson Power Products® P/N A32503-0009 or equivalent)  
 Each individual DIN connector to include 1 red conductor to (+) and 1 black conductor to (-)  
 Battery lead: length 23" (585 mm), position "B", minimum cable Size 3/0 AWG

**MAST DIMENSIONS - ERP030-040VT**

Maximum fork height (TOF) +	Overall lowered ht.	Overall extended height w/load -backrest	Overall extended height w/o load backrest	Free-lift (TOF) w/ load backrest	Free-lift (TOF) w/o load backrest
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
<b>2-STAGE LIMITED FREE-LIFT (LFL) MAST</b>					
119 (3032)	78 (1980)	168 (4262)	142 (3606)	5 (140)	5 (140)
127 (3232)	82 (2080)	176 (4462)	150 (3806)	5 (140)	5 (140)
<b>2-STAGE FULL FREE-LIFT (FFL) MAST</b>					
118 (3018)	78 (1980)	168 (4262)	143 (3613)	29 (750)	55 (1405)
126 (3218)	82 (2080)	176 (4462)	151 (3813)	33 (850)	59 (1505)
138 (3518)	88 (2230)	188 (4768)	162 (4113)	39 (1000)	65 (1655)
<b>3-STAGE FULL FREE-LIFT (FFL) MAST</b>					
175 (4450)	78 (1980)	224 (5025)	198 (5025)	29 (750)	55 (1405)
187 (4750)	82 (2080)	236 (5325)	210 (5325)	33 (850)	59 (1505)
192 (4900)	84 (2130)	238 (5375)	212 (5375)	35 (900)	61 (1555)
198 (5050)	88 (2230)	248 (5625)	222 (5625)	39 (1000)	65 (1655)
216 (5500)	94 (2380)	265 (6075)	240 (6075)	45 (1150)	71 (1805)
<b>4-STAGE FULL FREE-LIFT (FFL) MAST</b>					
241 (6121)	84 (2121)	291 (7380)	265 (6721)	34 (873)	59 (1511)
259 (6578)	90 (2273)	309 (7837)	283 (7179)	40 (1025)	65 (1663)

## FEATURES LIST - ERP030-040VT

PERFORMANCE	STD	OPT	ERGONOMICS CONTINUED	STD	OPT
36-Volt electrical system	●		Red, high-visibility, non-cinch seat belt with or without start interlock		●
AC traction and pump motors (completely brushless)	●		Low mount display		●
Transistor drive and pump control	●		<b>OPERATION</b>	<b>STD</b>	<b>OPT</b>
Advanced VSM (Vehicle System Manager)	●		Battery compartment size		
Progressive thermal management system	●		– 21.5" (ERP030VT)	●	
Dual drive motors	●		– 25.3" (ERP035-40VT)		
Wet disc brakes	●		Lift out battery extraction	●	
"Zero turn radius" turning	●		Standard construction	●	
48-Volt electrical system		●	UL classification type "E"	●	
<b>DRIVE</b>	<b>STD</b>	<b>OPT</b>	Key switch start	●	
Pneumatic-shaped solid drive tire and steer tire	●		81.5" Grid style overhead guard	●	
Rubber cushion smooth tread drive tire and steer tire		●	3-Function hydraulic control valve with seatside mechanical levers	●	
<b>LIFT</b>	<b>STD</b>	<b>OPT</b>	On-demand hydrostatic power-assist steering	●	
2-Stage limited free lift (LFL) mast with maximum fork height of 119"	●		Fully integrated CANbus communication	●	
5° Forward / 5° back mast tilt	●		Static strap	●	
Available with 2-stage limited free lift (LFL) and 2, 3 or 4-stage full free lift (FFL) masts		●	Tow pin	●	
Mast tilt option – 10° forward / 5° back		●	On-board software		
Mast tilt option – 5° forward / 4° back		●	– Program, test & diagnose	●	
Return to set tilt		●	– Password protected		
Load weight indicator		●	Electronic horn with integral relay (long life / no adjustments)	●	
<b>HANDLING</b>	<b>STD</b>	<b>OPT</b>	Battery side covers	●	
38.5" wide Class II carriage with 48" high load backrest extension	●		Side extraction battery removal with rollers		●
42" (1067mm) long forks	●		Rapid / fast charge		●
Carriage with integral sideshift		●	Application / environmental construction		
Carriage with integral sideshifting fork positioner		●	– Cooler / freezer package: operating temperatures: 0° F to +120° F		●
<b>ERGONOMICS</b>	<b>STD</b>	<b>OPT</b>	– SubZero freezer package: operating temperatures: -40° F to +120° F		
Foot directional control pedal	●		UL classification type "EE"		●
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" Flat plate overhead guard		●
Auto Deceleration System (ADS)	●		81.5" Drive-in rack grid style overhead guard		●
Regenerative braking	●		Keyless start (with auxiliary key switch)		●
Multifunction display			LED and halogen work light packages		●
– Battery state of charge with low battery lift interrupt			LED dome / reading light		●
– Hour meter			Basic and premium LED brake / tail / back-up light packages		●
– Performance mode indicator	●		Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB)		●
– Fault indicator			Visible amber strobe light – continuous activated, overhead guard mounted		●
– 4 Operator selectable, programmable performance modes			Fire extinguisher – 2.5 lb dry chemical		●
Easy ingress / egress with low step height and contoured handhold	●		Impact monitor		●
Operator convenience station	●		Operator password start interlock		●
Adjustable tilt steering column with low profile cowl	●		Operator daily checklist		●
Cushioned floor mat	●		System monitor – hydraulic low fluid level indicator and hydraulic filter service indicator		●
Seatside power disconnect button	●		Programmable maintenance reminder		●
Operator Presence System (OPS)	●		Yale Vision		●
Vinyl non-suspension seat	●		<b>ENERGY SYSTEM</b>	<b>STD</b>	<b>OPT</b>
Hydrostatic steer system	●		Lead acid	●	
Automatic park brake	●		<b>SUPPLEMENTAL</b>	<b>STD</b>	<b>OPT</b>
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		●			
Key switch controlled lights		●			
Rear drive handle with horn button		●			
Mirrors – dual side view – LH & RH OHG side mounted		●			
Mirror – single panoramic – OHG mounted		●			
Synchronous steering		●			



# 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.

Yale Lift Truck Technologies is a trading name of Hyster-Yale Asia-Pacific Pty Ltd., a wholly owned subsidiary of Hyster-Yale Materials Handling, Inc. (NYSE:HY) which is headquartered in Cleveland, Ohio and operates globally.

## 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

Retail & e-commerce

Yale Lift Truck Technologies | Pacific  
1/23 Rowood Road  
Prospect NSW 2148

Yale Lift Truck Technologies | Asia  
16 Tuas Avenue 20  
Singapore 638827

[yale.com](http://yale.com)

© 2023 Hyster-Yale Group, Inc., all rights reserved. YALE and  are trademarks of Hyster-Yale Group, Inc. Trucks may be shown with optional equipment and/or features not available in all regions. Specifications and details in this brochure are subject to change without prior notification.