

VG series

4,500-7,000 lbs



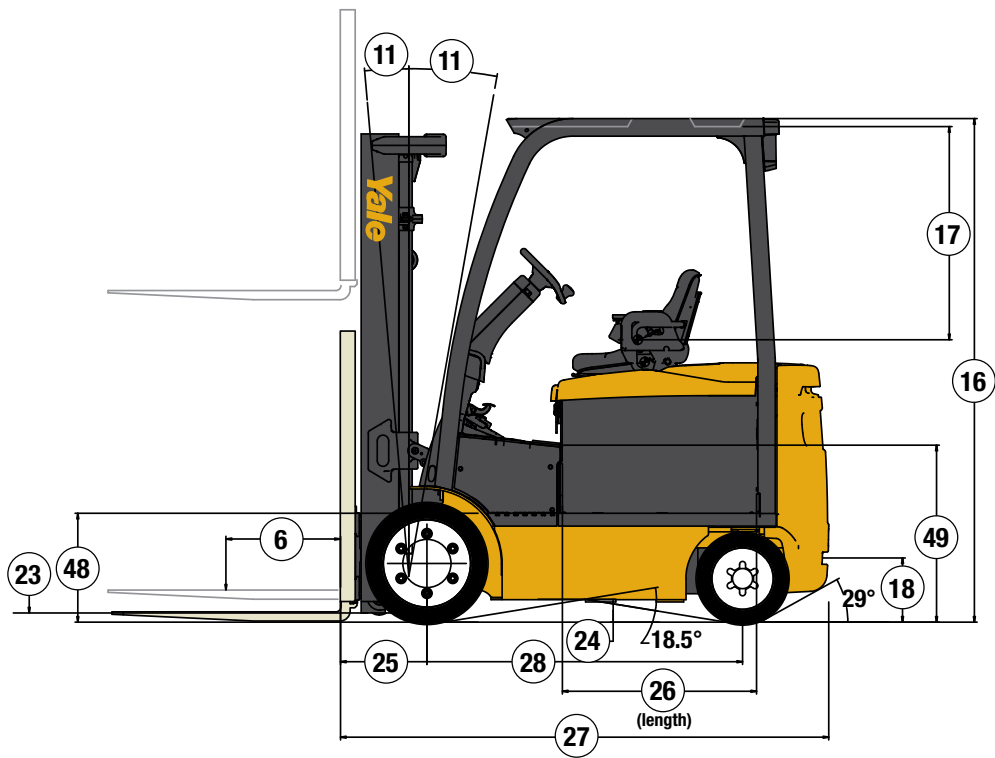
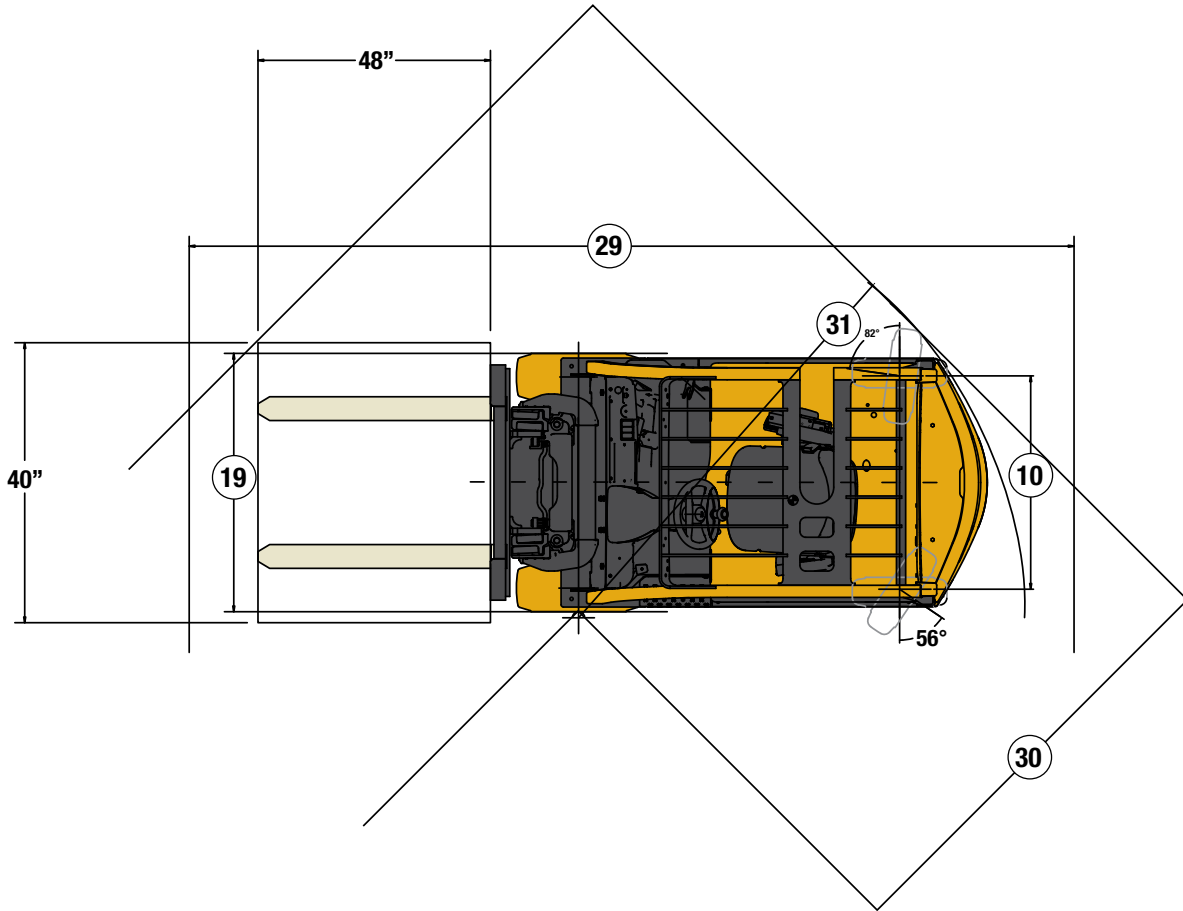
Electric Powered Cushion Tire Truck



SPEC SHEET

Models: ERC045VG, ERC050VG, ERC055VG, ERC060VG, ERC065VG, ERC070VG

TRUCK DIMENSIONS



GENERAL SPECIFICATIONS ERC045VG

GENERAL	1	Manufacturer			Yale					
	2	Model Designation			ERC045VG					
	3	Power			Electric					
	4	Operation			Sit					
	5	Rated Capacity		lb (kg)	4500 (2041)					
	6	Load Center		in (mm)	24 (610)					
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc.	Drive/Steer		Cushion/Cushion					
	8	Tire Size	Drive/Steer	in	21 x 7 x 15 /16 x 5 x 10.5					
	9	Wheels - Number	X=Driven	Drive/Steer	2X/2					
	10	Tread	¢ Tires	Std Dr/Wide Dr/Steer	in (mm)	35.1/41.9/37 (892/1064/940)				
DIMENSIONS	11	Mast Tilt	Std Opt Opt	degrees	5F/5B 10F/5B (5F/4B)					
	12	Mast - Lowered Height	Std Mast	in (mm)	83 (2085)					
	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)	33/60 (860/1525)					
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in (mm)	125 (3192)					
	15	Mast - Extended Height	Std Mast with/without LBR	in (mm)	174/148 (4415/3740)					
	16	Overhead Guard Height	Std Drive in Rack/Opt/Opt Flat Plate	in (mm)	88.5/88.5/86.5/84.1 (2248/2248/2197/2137)					
	17	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)	38.3/37.4/37.3 (975/950/948)				
	18	Tow Pin Height	Vertical Center of Pin	in (mm)	11 (280)					
	19	Overall Width	Standard Tread/Wide Tread	in (mm)	42.1/48.9 (1070/1242)					
	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	Class II	in (mm)	38.5 (977)					
	22	Floor to Top of Battery Rollers		in (mm)	17.2 (436)					
	23	Ground Clearance	Lowest Point	NL/RL	in (mm)	3.6/3.3 (91/85)				
	24	Ground Clearance	Center of Truck	NL/RL	in (mm)	3.9/3.6 (98/92)				
	25	Load Distance	Center of Wheel to Face of Forks	in (mm)	15.4 (390)					
	26	Battery Compartment	Height	Without/With Battery Rollers	in (mm)	23.9/23.3 (607/593)				
			Width		in (mm)	39.1 (992)				
				Nominal	SIZE	27"	30"	33"		
				Actual	in (mm)	27.6 (700)	30.9 (786)	33.3 (847)		
	27	Length to Face of Forks	Chassis Length	in (mm)	79.4 (2016)	82 (2082)	84.3 (2143)			
	28	Wheelbase		in (mm)	48.4 (1230)	51.8 (1316)	54.2 (1377)			
	29	Right Angle Stack		in (mm)	131.7 (3344)	135.2 (3434)	137.5 (3493)			
	30	Equal Aisle	90° Intersecting Aisle	in (mm)	71.7 (1822)	72.3 (1836)	73.1 (1858)			
	31	Outside Turning Radius		in (mm)	68.3 (1735)	71.9 (1825)	74.2 (1884)			
	WT.	32	Truck Weight	Without Battery	NL	lb (kg)	6620 (3003)	6240 (2830)	6280 (2849)	
		33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	3945/12102 (1789/5489)	4189/12107 (1900/5492)	4386/12152 (1989/5512)	
		34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	5968/2311 (2707/1048)	5556/2138 (2520/970)	5796/2529 (2629/1147)	
	PERFORMANCE				VOLTS	Standard Performance		Premium Performance Package		
						36	48	48	80	
		36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.9/9.9 (17.6/15.9)	11.3/11.3 (18.2/18.2)	12.3/12.8 (19.8/20.6)	12.3/12.5 (19.8/20.1)
			Extended Shift ON	NL/RL	mph (km/h)	9.8/8.8 (15.8/14.2)	10.7/9.9 (17.2/15.9)	12.2/12.4 (19.7/19.9)	12.2/12.3 (19.7/19.8)	
37		Lift Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	100/59 (0.51/0.3)	124/79 (0.63/0.4)	142/102 (0.72/0.52)	142/102 (0.72/0.52)	
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	93/59 (0.47/0.3)	124/81 (0.63/0.41)	130/98 (0.66/0.5)	130/98 (0.66/0.5)	
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	94/59 (0.48/0.3)	124/79 (0.63/0.4)	134/100 (0.68/0.51)	134/100 (0.68/0.51)	
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	96/59 (0.49/0.3)	0.67/79 (0.63/0.4)	136/100 (0.69/0.51)	136/100 (0.69/0.51)	
38		Lower Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	100/112 (0.51/0.57)				
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	91/102 (0.46/0.52)				
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	93/106 (0.47/0.54)				
		Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	77/89 (0.39/0.45)					
39	Gradeability	5 Minute Rating	NL/RL	%	39/23	40/25	39/27	39/34		
		60 Minute Rating	NL/RL	%	14/8	15/9	25/16	32/20		
40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3373/3202	3486/3306	3773/3946	3773/4968		
		60 Minute Rating	NL/RL	lbf	1317/1178	1402/1262	2545/2375	3208/3026		
41	Brake	Method of Control	Service/Parking		Hydraulic/Mechanical					
		Method of Operation	Service/Parking		Foot/Foot					
ELECTRIC	42	Battery	Type		Lead Acid or Lithium-Ion					
				VOLTS	Standard Performance		Premium Performance Package			
					36	48	48	80		
	43	Traction Motor	60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)		
	44	Pump Motor	15% Rating	hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)		
	45	Traction Motor	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)	18.7 (475)					
	49	Floor Height	Lowest Point	in (mm)	30.4 (772)					
	50	Attachment Relief Pressure		psi (bar)	2250 (155)					
	51	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min)	11 (40)					
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	60	60	65	65		

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 ERC050VG

GENERAL	1	Manufacturer		Yale						
	2	Model Designation		ERC050VG						
	3	Power		Electric						
	4	Operation		Sit						
	5	Rated Capacity		lb (kg)	5000 (2268)					
	6	Load Center		in (mm)	24 (610)					
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Cushion / Cushion						
	8	Tire Size		21 x 7 x 15 / 16 x 5 x 10.5						
	9	Wheels - Number	X=Driven	2X / 2						
	10	Tread	¢ Tires	Std Dr/Wide Dr/Steer	in (mm)			35.1/41.9/37 (892/1064/940)		
DIMENSIONS	11	Mast Tilt		Std Opt Opt				degrees	5F/5B 10F/5B (5F/4B)	
	12	Mast - Lowered Height		Std Mast				in (mm)	83 (2085)	
	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)				33/60 (860/1525)		
	14	Opt 2 Stg Full Free Lift Mast with/without LBR	Std 2 Stg Limited Free Lift Mast		in (mm)				125 (3192)	
	15	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)				174/148 (4415/3740)	
	16	Mast - Extended Height	Std Mast with/without LBR		in (mm)				88.5/88.5/86.5/84.1 (2248/2248/2197/2137)	
	17	Overhead Guard Height	Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)				38.3/37.4/37.3 (975/950/948)	
	18	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel		in (mm)				11 (280)
	19	Tow Pin Height	Vertical Center of Pin		in (mm)				42.1/48.9 (1070/1242)	
	20	Overall Width	Standard Tread/Wide Tread		in (mm)				1.6 x 3.9 x 42 (40 x 100 x 1067)	
	21	Forks	Thickness x Width x Length		in (mm)				38.5 (977)	
	22	Standard Carriage Width	Class II		in (mm)				17.2 (436)	
	23	Floor to Top of Battery Rollers			in (mm)				3.6/3.3 (91/85)	
	24	Ground Clearance	Lowest Point	NL/RL		in (mm)				3.9/3.6 (98/92)
	25	Ground Clearance	Center of Truck	NL/RL		in (mm)				15.4 (390)
	26	Load Distance	Center of Wheel to Face of Forks		in (mm)				23.9/23.3 (607/593)	
	27	Battery Compartment	Height	Without/With Battery Rollers		in (mm)				39.1 (992)
			Width			in (mm)				
				Nominal		SIZE				
						27"				30"
						Actual				
						in (mm)				27.6 (700)
						in (mm)				30.9 (786)
						in (mm)				33.3 (847)
	27	Length to Face of Forks	Chassis Length			in (mm)				80.3 (2040)
	28	Wheelbase			in (mm)				82.8 (2102)	
	29	Right Angle Stack			in (mm)				51.8 (1316)	
	30	Equal Aisle	90° Intersecting Aisle		in (mm)				48.4 (1230)	
	31	Outside Turning Radius			in (mm)				132.5 (3366)	
					in (mm)				135.2 (3434)	
				in (mm)				137.5 (3493)		
				in (mm)				71.8 (1823)		
				in (mm)				72.5 (1842)		
				in (mm)				73.1 (1858)		
				in (mm)				69.2 (1757)		
				in (mm)				71.9 (1825)		
				in (mm)				74.2 (1884)		
WT.	32	Truck Weight	Without Battery	NL	lb (kg)	7030 (3189)	6670 (3025)	6280 (2849)		
	33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	3844/12907 (1744/5855)	4114/12911 (1866/5856)	4386/13015 (1989/5904)		
	34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	6477/2414 (2938/1095)	6053/2255 (2746/1023)	5796/2166 (2629/982)		
PERFORMANCE					Standard Performance		Premium Performance Package			
				VOLTS	36	48	48	80		
	36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.7/9.6 (17.3/15.4)	11.3/11.3 (18.2/18.2)	12.3/12.8 (19.8/20.6)	12.3/12.5 (19.8/20.1)	
			Extended Shift ON	NL/RL	mph (km/h)	9.7/8.7 (15.6/14)	10.6/9.8 (17.1/15.8)	12.2/12.4 (19.7/19.9)	12.2/12.2 (19.7/19.7)	
	37	Lift Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	100/55 (0.51/0.28)	124/75 (0.63/0.38)	142/96 (0.72/0.49)	142/96 (0.72/0.49)	
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	93/57 (0.47/0.29)	124/77 (0.63/0.39)	130/93 (0.66/0.47)	130/93 (0.66/0.47)	
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	94/57 (0.48/0.29)	124/77 (0.63/0.39)	134/94 (0.68/0.48)	134/94 (0.68/0.48)	
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)	
	38	Lower Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	100/112 (0.51/0.57)				
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	91/106 (0.46/0.54)				
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	93/108 (0.47/0.55)				
		Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	77/91 (0.39/0.46)					
39	Gradeability	5 Minute Rating	NL/RL	%	35/20	36/21	39/25	39/33		
		60 Minute Rating	NL/RL	%	13/7	14/8	25/15	32/19		
40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3358/3152	3464/3257	3773/3909	3773/4926		
		60 Minute Rating	NL/RL	lbf	1295/1129	1380/1212	2545/2345	3208/2993		
41	Brake	Method of Control	Service/Parking	Hydraulic / Mechanical						
		Method of Operation	Service/Parking	Foot / Foot						
ELECTRIC	42	Battery	Type	Lead Acid or Lithium-Ion						
				Standard Performance		Premium Performance Package				
				VOLTS	36	48	48	80		
	43	Traction Motor	60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)		
	44	Pump Motor	15% Rating	hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)		
	45	Traction Motor	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)	18.7 (475)					
	49	Floor Height	Lowest Point	in (mm)	30.4 (772)					
	50	Attachment Relief Pressure		psi (bar)	2250 (155)					
	51	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min)	11 (40)					
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	60	60	65	65		

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 ERC055VG

GENERAL				Yale			
1	Manufacturer			ERC055VG			
2	Model Designation			Electric			
3	Power			Sit			
4	Operation			5500 (2495)			
5	Rated Capacity	lb (kg)		24 (610)			
6	Load Center	in (mm)					
TIRES				Cushion / Cushion			
7	Tire Type - Cushion, Solid, Pneumatic, etc.	Drive/Steer		21 x 7 x 15 / 16 x 5 x 10.5			
8	Tire Size	Drive/Steer		2X / 2			
9	Wheels - Number	X=Driven	Drive/Steer	35.1/41.9/37 (892/1064/940)			
10	Tread	€ Tires	Std Dr/Wide Dr/Steer				
DIMENSIONS							
11	Mast Tilt	Std Opt Opt		5F/5B 10F/5B (5F/4B)			
12	Mast - Lowered Height	Std Mast		83 (2085)			
13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		5 (140)			
	Opt 2 Stg Full Free Lift Mast with/without LBR			33/60 (860/1525)			
14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		125 (3192)			
15	Mast - Extended Height	Std Mast with/without LBR		174/148 (4415/3740)			
16	Overhead Guard Height	Std/Drive in Rack/Opt/Opt Flat Plate		88.5/88.5/86.5/84.1 (2248/2248/2197/2137)			
17	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	38.3/37.4/37.3 (975/950/948)			
18	Tow Pin Height	Vertical Center of Pin		11 (280)			
19	Overall Width	Standard Tread/Wide Tread		42.1/48.9 (1070/1242)			
20	Forks	Thickness x Width x Length		1.6 x 3.9 x 42 (40 x 100 x 1067)			
21	Standard Carriage Width	Class II		38.5 (977)			
22	Floor to Top of Battery Rollers			17.2 (436)			
23	Ground Clearance	Lowest Point	NL/RL	3.6/3.3 (91/85)			
24	Ground Clearance	Center of Truck	NL/RL	3.9/3.6 (98/92)			
25	Load Distance	Center of Wheel to Face of Forks		15.4 (390)			
26	Battery Compartment	Height	Without/With Battery Rollers	23.9/23.3 (607/593)			
		Width		39.1 (992)			
			Nominal	SIZE			
			Actual	33"			
27	Length to Face of Forks	Chassis Length		33.3 (847)			
28	Wheelbase			85.1 (2163)			
29	Right Angle Stack			54.2 (1377)			
30	Equal Aisle	90° Intersecting Aisle		137.9 (3502)			
31	Outside Turning Radius			73.8 (1874)			
				74.5 (1893)			
WT.							
32	Truck Weight	Without Battery	NL	6710 (3044)			
33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	4313/13806 (1956/6262)			
34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	6289/2297 (2853/1042)			
PERFORMANCE							
				Standard Performance		PowerPlus Performance	
				36	48	48	80
36	Travel Speed	Extended Shift OFF	NL/RL	VOLTS			
		Extended Shift ON	NL/RL	mph (km/h)			
37	Lift Speed	Std 2 Stg LFL Mast	NL/RL	10.7/9.4 (17.3/15.1)	11.3/11.3 (18.2/18.2)	12.3/12.8 (19.8/20.6)	12.3/12.5 (19.8/20.1)
		Opt 2 Stg FFL Mast	NL/RL	9.6/8.5 (15.5/13.7)	10.5/9.6 (16.9/15.5)	12.2/12.4 (19.7/19.9)	12.2/12.2 (19.7/19.7)
		Opt 3 Stg FFL Mast	NL/RL	100/53 (0.51/0.27)	124/71 (0.63/0.36)	142/93 (0.72/0.47)	142/93 (0.72/0.47)
		Opt 4 Stg FFL Mast	NL/RL	93/57 (0.47/0.29)	124/75 (0.63/0.38)	130/89 (0.66/0.45)	130/89 (0.66/0.45)
38	Lower Speed	Std 2 Stg LFL Mast	NL/RL	94/55 (0.48/0.28)	124/73 (0.63/0.37)	134/91 (0.68/0.46)	134/91 (0.68/0.46)
		Opt 2 Stg FFL Mast	NL/RL	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)
		Opt 3 Stg FFL Mast	NL/RL	100/114 (0.51/0.58)			
		Opt 4 Stg FFL Mast	NL/RL	91/108 (0.46/0.55)			
39	Gradeability	5 Minute Rating	NL/RL	93/110 (0.47/0.56)			
		60 Minute Rating	NL/RL	77/91 (0.39/0.46)			
40	Drawbar Pull	5 Minute Rating	NL/RL	34/19	34/20	36/24	36/30
		60 Minute Rating	NL/RL	12/7	13/8	24/14	31/18
41	Brake	Method of Control	Service/Parking	3350/3139	3456/3243	3715/3868	3715/4881
		Method of Operation	Service/Parking	1287/1111	1373/1198	2535/2310	3198/2956
				Hydraulic / Mechanical			
				Foot / Foot			
ELECTRIC							
42	Battery	Type		Lead Acid or Lithium-Ion			
				Standard Performance		PowerPlus Performance	
				36	48	48	80
43	Traction Motor	60 Minute Rating		VOLTS			
44	Pump Motor	15% Rating		hp (kW)			
45	Traction Motor	Type/Control Method		24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)
46	Pump Motor	Type/Control Method		16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)
47	Number of Speeds	Traction/Pump		AC / Transistor			
				AC / Transistor			
				Infinitely Variable / Infinitely Variable			
OTHER							
48	Step Height			in (mm)			
49	Floor Height	Lowest Point		18.7 (475)			
50	Attachment Relief Pressure			in (mm)			
51	Auxiliary Oil Flow	3rd and 4th Function		psi (bar)			
52	Sound Level	Measured per ANSI B56.11.5		gal/min (l/min)			
				11 (40)			
				60	60	65	65

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 ERC060VG

GENERAL	1	Manufacturer		Yale					
	2	Model Designation		ERC060VG					
	3	Power		Electric					
	4	Operation		Sit					
	5	Rated Capacity		lb (kg)	6000 (2722)				
	6	Load Center		in (mm)	24 (610)				
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Cushion / Cushion					
	8	Tire Size		in	21 x 8 x 15 / 16 x 6 x 10.5				
	9	Wheels - Number	X=Driven	Drive/Steer					
	10	Tread	¢ Tires	Std Dr/Wide Dr/Steer	in (mm)				
DIMENSIONS	11	Mast Tilt		Std Opt Opt	degrees				
	12	Mast - Lowered Height		Std Mast	in (mm)				
	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)				
		Opt 2 Stg Full Free Lift Mast with/without LBR		in (mm)					
	14	Opt 2 Stg Full Free Lift Mast with/without LBR	Std 2 Stg Limited Free Lift Mast		in (mm)				
	15	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)				
	16	Mast - Extended Height	Std Mast with/without LBR		in (mm)				
	17	Overhead Guard Height	Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)				
	18	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)				
	19	Tow Pin Height	Vertical Center of Pin		in (mm)				
	20	Overall Width	Standard Tread/Wide Tread		in (mm)				
	21	Forks	Thickness x Width x Length		in (mm)				
	22	Standard Carriage Width	Class II		in (mm)				
	23	Floor to Top of Battery Rollers			in (mm)				
	24	Ground Clearance	Lowest Point	NL/RL	in (mm)				
	25	Ground Clearance	Center of Truck	NL/RL	in (mm)				
	26	Load Distance	Center of Wheel to Face of Forks		in (mm)				
	27	Battery Compartment	Height	Without/With Battery Rollers	in (mm)				
			Width		in (mm)				
				Nominal	SIZE				
				Actual	in (mm)				
	28	Length to Face of Forks	Chassis Length		in (mm)				
	29	Wheelbase			in (mm)				
	30	Right Angle Stack			in (mm)				
	31	Equal Aisle	90° Intersecting Aisle		in (mm)				
		Outside Turning Radius			in (mm)				
	WT.	32	Truck Weight	Without Battery	NL	lb (kg)			
		33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)			
		34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)			
	PERFORMANCE					Standard Performance		PowerPlus Performance	
					VOLTS	36	48	48	80
36		Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.6/9.1 (17/14.6)	11.3/11.3 (18.2/18.2)	12.3/12.8 (19.8/20.6)	12.3/12.5 (19.8/20.1)
			Extended Shift ON	NL/RL	mph (km/h)	9.5/8.3 (15.3/13.3)	10.4/9.4 (16.7/15.1)	12.2/12.2 (19.7/19.7)	12.2/12.1 (19.7/19.4)
37		Lift Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	93/49 (0.47/0.25)	116/65 (0.59/0.33)	124/83 (0.63/0.42)	124/83 (0.63/0.42)
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	83/49 (0.42/0.25)	108/65 (0.55/0.33)	116/81 (0.59/0.41)	116/81 (0.59/0.41)
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	85/49 (0.43/0.25)	112/65 (0.57/0.33)	118/81 (0.6/0.41)	118/81 (0.6/0.41)
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)
38		Lower Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	91/110 (0.46/0.56)			
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	73/102 (0.37/0.52)			
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	79/104 (0.4/0.53)			
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	77/91 (0.39/0.46)			
39	Gradeability	5 Minute Rating	NL/RL	%	32/19	33/19	36/22	36/28	
		60 Minute Rating	NL/RL	%	12/7	13/7	22/13	29/16	
40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3342/3124	3448/3229	3883/3820	3883/4830	
		60 Minute Rating	NL/RL	lbf	1280/1094	1365/1184	2518/2269	3181/2912	
41	Brake	Method of Control	Service/Parking	Hydraulic / Mechanical					
		Method of Operation	Service/Parking	Foot / Foot					
ELECTRIC	42	Battery	Type	Lead Acid or Lithium-Ion					
					Standard Performance		PowerPlus Performance		
				VOLTS	36	48	48	80	
	43	Traction Motor	60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)	
	44	Pump Motor	15% Rating	hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)	
	45	Traction Motor	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)	18.7 (475)				
	49	Floor Height	Lowest Point	in (mm)	30.4 (772)				
	50	Attachment Relief Pressure		psi (bar)	2250 (155)				
	51	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min)	11 (40)				
	52	Sound Level	Measured per ANSI B56.11.5		dB (A)	60	60	65	65

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 ERC065VG

GENERAL	1	Manufacturer		Yale					
	2	Model Designation		ERC065VG					
	3	Power		Electric					
	4	Operation		Sit					
	5	Rated Capacity		lb (kg)	6500 (2948)				
	6	Load Center		in (mm)	24 (610)				
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer		Cushion / Cushion			
	8	Tire Size		Drive/Steer		in			
	9	Wheels - Number	X=Driven	Drive/Steer		2X / 2			
	10	Tread	ϕ Tires	Std Dr/Wide Dr/Steer		in (mm)			
DIMENSIONS	11	Mast Tilt		Std Opt Opt		degrees			
	12	Mast - Lowered Height		Std Mast		in (mm)			
	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)		33/56 (855/1440)			
	14	Opt 2 Stg Full Free Lift Mast with/without LBR	Std 2 Stg Limited Free Lift Mast		in (mm)		118 (3009)		
	15	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)		167/144 (4235/3655)		
	16	Mast - Extended Height	Std Mast with/without LBR		in (mm)		88.5/88.5/86.5/84.1 (2248/2248/2197/2137)		
	17	Overhead Guard Height	Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)		38.3/37.4/37.3 (975/950/948)		
	18	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel		in (mm)		11 (280)	
	19	Tow Pin Height	Vertical Center of Pin		in (mm)		43.6/48.9 (1108/1242)		
	20	Overall Width	Standard Tread/Wide Tread		in (mm)		2 x 4.9 x 42 (50 x 125 x 1067)		
	21	Forks	Thickness x Width x Length		in (mm)		38.5 (977)		
	22	Standard Carriage Width	Class II		in (mm)		17.2 (436)		
	23	Floor to Top of Battery Rollers			in (mm)		3.6/3.3 (91/85)		
	24	Ground Clearance	Lowest Point	NL/RL		in (mm)		3.7/3.6 (94/92)	
	25	Ground Clearance	Center of Truck	NL/RL		in (mm)		15.8 (402)	
	26	Load Distance	Center of Wheel to Face of Forks		in (mm)		23.9/23.3 (607/593)		
	27	Battery Compartment	Height	Without/With Battery Rollers		in (mm)		39.1 (992)	
			Width			in (mm)		36" 40"	
				Nominal		SIZE			
			Length	Actual		in (mm)		36.7 (933) 40 (1015)	
	27	Length to Face of Forks	Chassis Length			in (mm)		90 (2285) 92.2 (2343)	
	28	Wheelbase			in (mm)		57.6 (1463) 60.8 (1545)		
	29	Right Angle Stack			in (mm)		142.9 (3629) 145.5 (3695)		
	30	Equal Aisle	90° Intersecting Aisle		in (mm)		76.1 (1933) 77 (1956)		
	31	Outside Turning Radius			in (mm)		79.1 (2008) 81.7 (2074)		
	WT.	32	Truck Weight	Without Battery	NL	lb (kg)	7400 (3357) 7040 (3193)		
		33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	4640/15635 (2105/7092) 4914/15670 (2229/7108)		
		34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	6853/2359 (3108/1070) 6514/2258 (2955/1024)		
	PERFORMANCE					VOLTS		Standard Performance PowerPlus Performance	
		36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	36	48	48
			Extended Shift ON	NL/RL	mph (km/h)	10.6/9.1 (17/14.6)	11.3/11.3 (18.2/18.2)	12.3/12.7 (19.8/20.4)	12.3/12.4 (19.8/20)
37		Lift Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	9.5/8.2 (15.3/13.2)	10.4/9.3 (16.7/15)	12.2/12.1 (19.7/19.5)	12.2/11.8 (19.7/19)
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	93/47 (0.47/0.24)	116/63 (0.59/0.32)	124/79 (0.63/0.4)	124/79 (0.63/0.4)
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	83/47 (0.42/0.24)	108/63 (0.55/0.32)	116/77 (0.59/0.39)	116/77 (0.59/0.39)
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	85/47 (0.43/0.24)	112/63 (0.57/0.32)	118/77 (0.6/0.39)	118/77 (0.6/0.39)
38		Lower Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)
			Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	91/112 (0.46/0.57)			
			Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	73/104 (0.37/0.53)			
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	79/106 (0.4/0.54)			
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	77/91 (0.39/0.46)			
39	Gradeability	5 Minute Rating	NL/RL	%	31/18	31/19	37/21	37/26	
		60 Minute Rating	NL/RL	%	12/6	12/7	22/12	28/16	
40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3335/3107	3440/3211	4084/3791	4084/4798	
		60 Minute Rating	NL/RL	lbf	1274/1083	1360/1167	2513/2245	3176/2886	
41	Brake	Method of Control	Service/Parking	Hydraulic / Mechanical					
		Method of Operation	Service/Parking	Foot / Foot					
ELECTRIC	42	Battery	Type	Lead Acid or Lithium-Ion					
				VOLTS		Standard Performance		PowerPlus Performance	
	43	Traction Motor	60 Minute Rating	hp (kW)	36	48	48	80	
	44	Pump Motor	15% Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)	
	45	Traction Motor	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)	18.7 (475)				
	49	Floor Height	Lowest Point	in (mm)	30.4 (772)				
	50	Attachment Relief Pressure		psi (bar)	2250 (155)				
	51	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min)	11 (40)				
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	60	60	65	65	

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 ERC070VG

GENERAL				Yale				
1	Manufacturer			Yale				
2	Model Designation			ERC070VG				
3	Power			Electric				
4	Operation			Sit				
5	Rated Capacity			lb (kg)	7000 (3175)			
6	Load Center			in (mm)	24 (610)			
TIRES				Cushion / Cushion				
7	Tire Type - Cushion, Solid, Pneumatic, etc.	Drive/Steer		Cushion / Cushion				
8	Tire Size	Drive/Steer		in	21 x 9 x 15 / 16 x 7 x 10.5			
9	Wheels - Number	X=Driven	Drive/Steer	2X / 2				
10	Tread	¢ Tires	Std Dr/Wide Dr/Steer	in (mm)	36.6/39.9/37 (929/1013/940)			
DIMENSIONS								
11	Mast Tilt	Std Opt Opt		degrees	5F/5B 10F/5B (5F/4B)			
12	Mast - Lowered Height	Std Mast		in (mm)	83 (2085)			
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)	33/56 (855/1440)			
14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)	118 (3009)			
15	Mast - Extended Height	Std Mast with/without LBR		in (mm)	167/144 (4235/3655)			
16	Overhead Guard Height	Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)	88.5/88.5/86.5/84.1 (2248/2248/2197/2137)			
17	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)	38.3/37.4/37.3 (975/950/948)			
18	Tow Pin Height	Vertical Center of Pin		in (mm)	11 (280)			
19	Overall Width	Standard Tread/Wide Tread		in (mm)	45.6/48.9 (1158/1242)			
20	Forks	Thickness x Width x Length		in (mm)	2 x 4.9 x 42 (50 x 125 x 1067)			
21	Standard Carriage Width	Class II		in (mm)	38.5 (977)			
22	Floor to Top of Battery Rollers			in (mm)	17.2 (436)			
23	Ground Clearance	Lowest Point	NL/RL	in (mm)	3.6/3.3 (91/85)			
24	Ground Clearance	Center of Truck	NL/RL	in (mm)	3.7/3.6 (94/92)			
25	Load Distance	Center of Wheel to Face of Forks		in (mm)	15.8 (402)			
26	Battery Compartment	Height	Without/With Battery Rollers	in (mm)	23.9/23.3 (607/593)			
		Width		in (mm)	39.1 (992)			
			Nominal	SIZE	40"			
		Length	Actual	in (mm)	40 (1015)			
27	Length to Face of Forks	Chassis Length		in (mm)	93.1 (2367)			
28	Wheelbase			in (mm)	60.8 (1545)			
29	Right Angle Stack			in (mm)	146.3 (3715)			
30	Equal Aisle	90° Intersecting Aisle		in (mm)	77.4 (1965)			
31	Outside Turning Radius			in (mm)	82.4 (2094)			
WT.								
32	Truck Weight	Without Battery	NL	lb (kg)	7500 (3402)			
33	Axle Loading - Drive	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	4868/16451 (2208/7462)			
34	Axle Loading - Steer	Static w/ Max. Wt. Battery	NL/RL	lb (kg)	7022/2439 (3185/1106)			
PERFORMANCE								
				VOLTS	Standard Performance		Premium Performance Package	
					36	48	48	80
36	Travel Speed	Extended Shift OFF	NL/RL	mph (km/h)	10.6/9 (17/14.5)	11.3/11.3 (18.2/18.2)	12.3/12.6 (19.8/20.3)	12.3/12.3 (19.8/19.8)
		Extended Shift ON	NL/RL	mph (km/h)	9.4/8.1 (15.2/13.1)	10.3/9.3 (16.6/14.9)	12.2/12.1 (19.7/19.4)	12.2/11.9 (19.7/19.1)
37	Lift Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	93/45 (0.47/0.23)	116/61 (0.59/0.31)	124/73 (0.63/0.37)	124/73 (0.63/0.37)
		Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	83/45 (0.42/0.23)	108/61 (0.55/0.31)	116/73 (0.59/0.37)	116/73 (0.59/0.37)
		Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	85/45 (0.43/0.23)	112/61 (0.57/0.31)	118/73 (0.6/0.37)	118/73 (0.6/0.37)
		Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)
38	Lower Speed	Std 2 Stg LFL Mast	NL/RL	ft/min (m/sec)	91/114 (0.46/0.58)			
		Opt 2 Stg FFL Mast	NL/RL	ft/min (m/sec)	73/106 (0.37/0.54)			
		Opt 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	79/0.5 (0.4/0.56)			
		Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	77/91 (0.39/0.46)			
39	Gradeability	5 Minute Rating	NL/RL	%	29/17	29/18	36/19	37/25
		60 Minute Rating	NL/RL	%	10/6	11/6	21/11	27/14
40	Drawbar Pull	5 Minute Rating	NL/RL	lbf	3329/3089	3428/3201	4101/3744	4193/4745
		60 Minute Rating	NL/RL	lbf	1269/1072	1355/1149	2502/2204	3165/2842
41	Brake	Method of Control	Service/Parking	Hydraulic / Mechanical				
		Method of Operation	Service/Parking	Foot / Foot				
ELECTRIC								
42	Battery	Type		Lead Acid or Lithium-Ion				
				VOLTS	Standard Performance		Premium Performance Package	
					36	48	48	80
43	Traction Motor	60 Minute Rating		hp (kW)	24.7 (18.4)	24.7 (18.4)	31.6 (23.6)	31.6 (23.6)
44	Pump Motor	15% Rating		hp (kW)	16.6 (12.4)	22.4 (16.7)	31.8 (23.7)	32.2 (24)
45	Traction Motor	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)	18.7 (475)			
49	Floor Height	Lowest Point		in (mm)	30.4 (772)			
50	Attachment Relief Pressure			psi (bar)	2250 (155)			
51	Auxiliary Oil Flow	3rd and 4th Function		gal/min (l/min)	11 (40)			
52	Sound Level	Measured per ANSI B56.11.5		dB (A)	60	60	65	65

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.

BATTERY AND COMPARTMENT SPECIFICATIONS

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)	
ERC045-050VG 27" COMPARTMENT	39.1 (992)	27.6 (700)	23.9 (607)	38.7 (983)	27.2 (691)	23.5 (597)	36	18	1100 (38.3)	2300 (1050)	3300 (1500)
							48	24	800 (37.2)		
							80	40	375 (29.3)		
ERC045-050VG 30" COMPARTMENT	39.1 (992)	30.9 (786)	23.9 (607)	38.7 (983)	30.6 (777)	23.5 (597)	36	18	1200 (41.9)	2500 (1150)	3500 (1600)
							48	24	900 (42)		
							80	40	400 (31.2)		
ERC045-060VG 33" COMPARTMENT	39.1 (992)	33.3 (847)	23.9 (607)	38.7 (983)	33 (838)	23.5 (597)	36	18	1300 (45.4)	2900 (1320)	3900 (1770)
							48	24	1000 (46.6)		
							80	40	450 (35.1)		
ERC065VG 36" COMPARTMENT	39.1 (992)	36.7 (933)	23.9 (607)	38.7 (983)	36.4 (924)	23.5 (597)	36	18	1500 (52.4)	3100 (1410)	4100 (1860)
							48	24	1100 (51.1)		
							80	40	600 (46.8)		
ERC065-070VG 40" COMPARTMENT	39.1 (992)	40 (1015)	23.9 (607)	38.7 (983)	39.6 (1006)	23.5 (597)	36	18	1600 (55.8)	3400 (1550)	4400 (2000)
							48	24	1200 (55.9)		
							80	40	600 (46.8)		

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 Roller option reduces battery compartment height to 23.3" (593mm) & max battery height to 23.0" (583mm)

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)

80 volt - Black SBE*320 (Anderson Power Products® P/N E6363G1 or equivalent)

Battery Lead: Length 20" (508 mm), Position "B", 2/0 AWG

Battery Notes - Rapid/Fast Charging (Option BAFBC)

NOTE: A Site Survey is required to confirm your application is a candidate for Rapid Charge and to determine the Battery and Charger specifications required. Contact your Battery and Charger Supplier.

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 25" (635 mm), Position "B", Minimum Cable Size 3/0 AWG

ERC045-055VG MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Height	Overall Extended Height		Free Lift (TOF)		Approx. Total Wt. of Standard Equipped Truck w/o Battery		
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest	ERC045VG	ERC050VG	ERC055VG
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lbs (kg)	lbs (kg)	lbs (kg)
2-Stage Limited Free-lift (LFL) Hi-Vis™2 Mast								
125 (3192)	83 (2085)	174 (4415)	147 (3749)	5 (140)	5 (140)	6860 (3112)	7270 (3298)	6950 (3152)
133 (3392)	86 (2185)	182 (4615)	155 (3949)	5 (140)	5 (140)	7060 (3202)	7470 (3388)	7150 (3243)
137 (3492)	88 (2235)	186 (4715)	159 (4049)	5 (140)	5 (140)	7160 (3248)	7570 (3434)	7250 (3289)
2-Stage Full Free-lift (FFL) Hi-Vis™ Mast								
126 (3202)	83 (2085)	175 (4425)	148 (3759)	33 (862)	60 (1528)	6960 (3157)	7370 (3343)	7050 (3198)
133 (3402)	86 (2185)	183 (4625)	155 (3959)	37 (964)	64 (1628)	7160 (3248)	7570 (3434)	7250 (3289)
137 (3502)	88 (2235)	186 (4725)	159 (4059)	39 (1012)	66 (1678)	7260 (3293)	7670 (3479)	7350 (3334)
3-Stage Full Free-lift (FFL) Hi-Vis™2 Mast								
189 (4800)	83 (2085)	238 (6023)	210 (5399)	33 (862)	60 (1546)	7460 (3384)	7870 (3570)	7550 (3425)
194 (4950)	85 (2135)	243 (6173)	216 (5489)	36 (917)	62 (1596)	7480 (3393)	7890 (3579)	7570 (3434)
200 (5100)	88 (2235)	249 (6323)	222 (5639)	39 (1012)	66 (1696)	7530 (3416)	7940 (3602)	7620 (3456)
218 (5550)	94 (2385)	267 (6773)	239 (6089)	45 (1162)	72 (1846)	7610 (3452)	8020 (3638)	7700 (3493)
236 (6000)	102 (2585)	285 (7223)	257 (6539)	53 (1362)	80 (2046)	7690 (3488)	8100 (3674)	7780 (3529)
4-Stage Full Free-lift (FFL) Hi-Vis™ Mast								
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	8000 (3629)	8410 (3815)	8090 (3670)
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	8070 (3660)	8480 (3846)	8160 (3701)
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	8140 (3692)	8550 (3878)	8230 (3733)

ERC060-070VG MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Height	Overall Extended Height		Free Lift (TOF)		Approx. Total Wt. of Standard Equipped Truck w/o Battery		
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest	ERC045VG	ERC050VG	ERC055VG
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lbs (kg)	lbs (kg)	lbs (kg)
2-Stage Limited Free-lift (LFL) Hi-Vis™2 Mast								
118 (3009)	83 (2085)	167 (4237)	143 (3654)	5 (150)	5 (150)	7570 (3434)	7750 (3515)	7850 (3561)
126 (3209)	86 (2185)	175 (4437)	151 (3854)	5 (150)	5 (150)	7640 (3465)	7820 (3547)	7920 (3592)
130 (3309)	88 (2235)	179 (4537)	155 (3954)	5 (150)	5 (150)	7720 (3502)	7900 (3583)	8000 (3629)
2-Stage Full Free-lift (FFL) Hi-Vis™ Mast								
118 (3010)	83 (2085)	167 (4237)	144 (3655)	33 (857)	56 (1440)	7630 (3461)	7810 (3543)	7910 (3588)
126 (3210)	86 (2185)	175 (4437)	151 (3855)	37 (957)	60 (1540)	7670 (3479)	7850 (3561)	7950 (3606)
130 (3310)	88 (2235)	179 (4537)	155 (3955)	39 (1007)	62 (1590)	7810 (3543)	7990 (3624)	8090 (3670)
3-Stage Full Free-lift (FFL) Hi-Vis™2 Mast								
175 (4468)	83 (2085)	225 (5696)	200 (5095)	33 (857)	57 (1458)	8050 (3651)	8230 (3733)	8330 (3778)
181 (4618)	85 (2135)	231 (5846)	206 (5245)	35 (907)	59 (1508)	8150 (3697)	8330 (3778)	8430 (3824)
187 (4768)	88 (2235)	237 (5996)	212 (5395)	39 (1007)	63 (1608)	8240 (3738)	8420 (3819)	8520 (3865)
205 (5218)	94 (2385)	254 (6446)	230 (5845)	45 (1157)	69 (1758)	8310 (3769)	8490 (3851)	8590 (3896)
223 (5668)	102 (2585)	272 (6896)	248 (6295)	53 (1357)	77 (1958)	8410 (3815)	8590 (3896)	8690 (3942)
4-Stage Full Free-lift (FFL) Hi-Vis™ Mast								
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	8510 (3860)	8690 (3942)	8790 (3987)
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	8580 (3892)	8760 (3973)	8860 (4019)
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	8650 (3924)	8830 (4005)	8930 (4051)

FEATURES LIST

PERFORMANCE	STD	OPT	ERGONOMICS continued		
36-volt electrical system	•		Automatic electro-mechanical park brake		•
Standard performance	•		Telescopic steering column with tilt memory		•
AC traction and pump motors (completely brushless)	•		Key switch controlled lights		•
Transistor drive and pump control	•		Rear drive handle with integrated horn button		•
Advanced VSM (vehicle system manager)	•		Mirrors – rear view or panoramic		•
Progressive thermal management system	•		Synchronous steering		•
48 or 80-volt electrical system		•	Red, high-visibility, non-cinch seat belt with or without start interlock		•
Premium Performance Package (N/A with 36-volt)		•	Low mount display		•
DRIVE	STD	OPT	OPERATION	STD	OPT
Smooth tread rubber drive tire and steer tire	•		Battery compartment size		
Non-marking, rubber, or lug tread tires		•	– 27" (ERP045-50VG)		
Wide tread tires		•	– 33" (ERP055-60VG)	•	
LIFT	STD	OPT	– 36" (ERP065VG)		
2-stage limited free lift (LFL) Hi-Vis™2 mast* with maximum fork height of 125" (3192mm) (ERP045-55VG) or 118" (4800mm) (ERP060-70VG)	•		– 40" (ERP070VG)		
2-stage full free lift (FFL) Hi-Vis™ mast* 3-stage full free lift (FFL) Hi-Vis™2 mast* 4-stage full free lift (FFL) Hi-Vis™ mast*		•	Lift out battery extraction	•	
5° forward and 5° back mast tilt	•		Standard construction	•	
Mast tilt option – 10° forward / 5° back		•	UL Classification Type "E"	•	
Mast tilt option – 5° forward / 4° back		•	Key switch start	•	
Return to set tilt		•	88.5" grid style overhead guard	•	
Accumulator		•	3-function hydraulic control valve with seatside mechanical levers	•	
Load weight indicator		•	Fully integrated CANbus communication	•	
HANDLING	STD	OPT	On-demand power steering	•	
38.5" (980mm) wide Class II (ERP045-55VG) or Class III (ERP060-7VG) hook-type carriage with 38.5" (980 mm) high load backrest extension	•		Continuous Stability System (CSS™)	•	
42" (1067mm) long forks	•		Static strap	•	
Carriage with integral sideshift		•	Tow pin	•	
Carriage with integral sideshifting fork positioner		•	On-board software: program, test & diagnose; password protected	•	
Attachment carriages		•	Electronic horn with integral relay (long life / no adjustments)	•	
ERGONOMICS	STD	OPT	Side extraction battery removal with rollers		•
12" steering wheel with integral spinner knob	•		Rapid / fast charge		•
Non-suspension vinyl seat	•		Cooler/freezer package—operating temp: -20°F to +120°F		•
Black, non-cinch seat belt with Emergency Locking Retractor	•		UL Classification Type "EE"		•
Foot applied / hand released park brake	•		4-function hydraulic control valve		•
Foot Directional Control Pedal	•		86.5" grid style overhead guard		•
Power assist braking	•		84.1" flat plate overhead guard		•
Auto Deceleration System (ADS) with regenerative braking	•		88.5" drive-in rack grid style overhead guard		•
Multifunction display			Keyless start (with auxiliary key switch)		•
– Battery state of charge with low battery lift interrupt			LED and halogen work light packages		•
– Hour meter			LED dome / reading light		•
– Performance mode indicator	•		Basic & premium LED brake/tail/back-up light packages		•
– Fault indicator			Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB)		•
– 4 operator selectable, programmable performance modes			Visible amber strobe light - continuous activated, overhead guard mounted		•
Easy ingress/egress with low step height and contoured handhold	•		Impact monitor		•
Operator convenience station – storage areas, beverage & clipboard holders	•		Operator password		•
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	•		Hydraulic attachment extension tubes with quick disconnect fittings		•
Accutouch electro-hydraulic mini-lever controls with fully adjustable armrest		•	Fire extinguisher – 2.5 lb. dry chemical		•
Non-suspension seat (cloth)		•	Yale Reliant™		•
Full-suspension seat (vinyl or cloth)		•	SUPPLEMENTAL	STD	OPT
Full-suspension swivel seat (vinyl or cloth)		•	36 month / 6,000 hour powertrain warranty	•	
Seatside directional control		•	12 month / 2,000 hour full truck warranty	•	
			Operating manual	•	

About Yale®



Yale Materials Handling Corporation is one of the oldest manufacturers of lift trucks in the world. We've been in the business of lifting since 1875 and we apply that experience to help customers solve materials handling challenges. Our full line of lift trucks range in capacity from 2,000 to 36,000 pounds and are powered by internal combustion engines or electric options. Yale also offers robotic solutions, telemetry, fleet management, parts, financing and training. From traditional lift truck equipment to emerging technologies, our goal, every day, is to work with our nationwide dealer network to continually improve and provide the solutions you need, when and how you need them.

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Trucks may be shown with optional equipment. 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.