

VM series

8,000-12,000 lbs



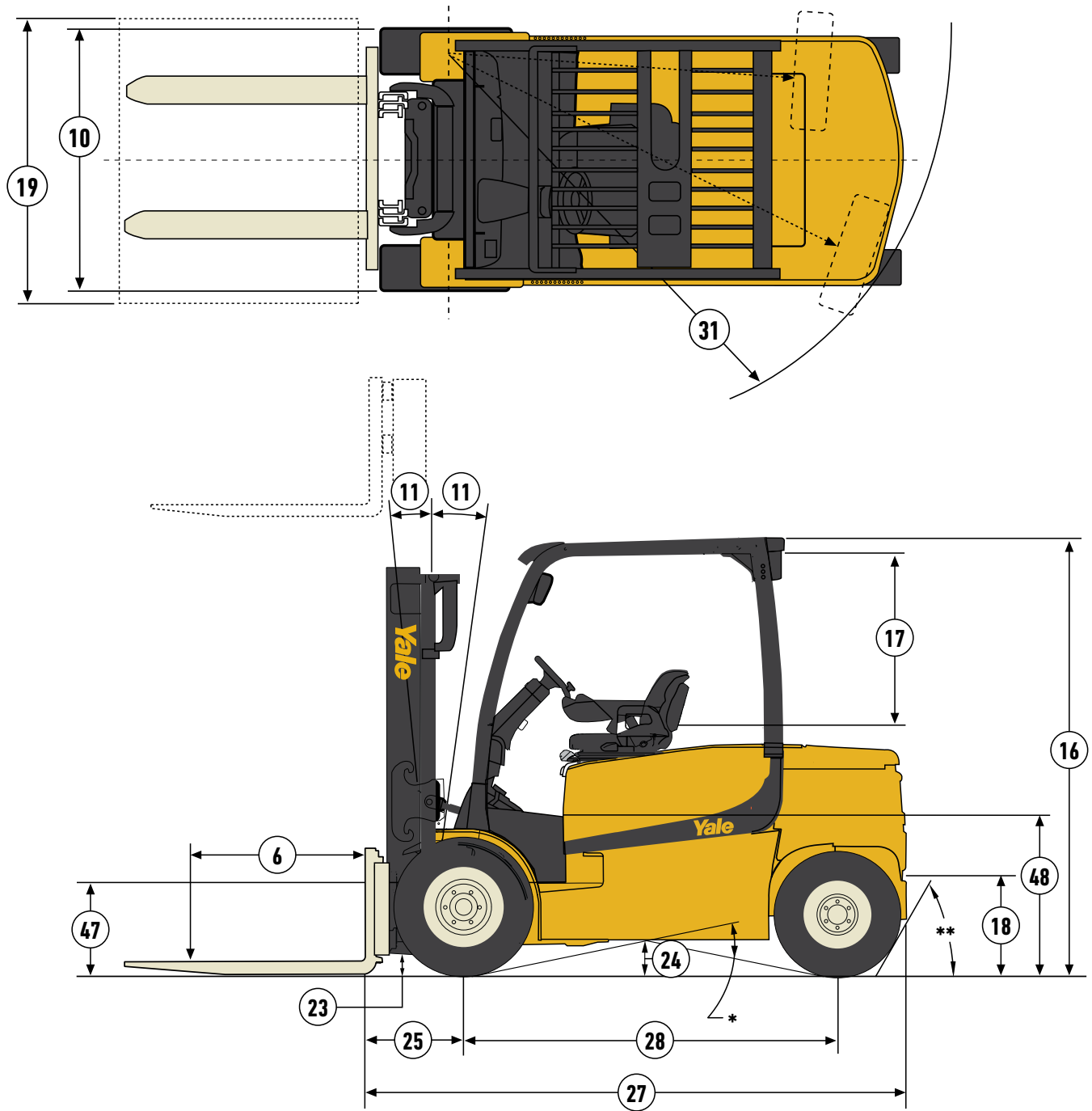
Electric Powered Pneumatic Tire Truck



SPEC SHEET

Models: ERP080VM, ERP090VM, ERP100VM, ERP110VM, ERP120VM

TRUCK DIMENSIONS ERP080-120VM



* GROUND CLEARANCE GRADE

VBE Vertical battery extraction	HBE Horizontal battery extraction	Models
20.5 inches	18.8 inches	ERP080VM, ERP090VM, ERP100VM
19.1 inches	17.4 inches	ERP100VML, ERP110VM, ERP120VM

** COUNTERWEIGHT ANGLE

Degree	Models
61°	ERP080VM, ERP090VM, ERP100VM
75°	ERP100VML, ERP110VM, ERP120VM

GENERAL SPECIFICATIONS ERP080VM, ERP090VM, ERP100VM, ERP100VML

GENERAL				Yale			
				ERP080VM	ERP090VM	ERP100VM	ERP100VML
1	Manufacturer			Yale			
2	Model designation			ERP080VM	ERP090VM	ERP100VM	ERP100VML
3	Power/voltage			Electric/80 Volts			
4	Operation			Sit			
5	Rated capacity	lb (kg)		8000 (3629)	9000 (4082)	10000 (4536)	
6	Load center	in (mm)		24 (610)			
TIRES				Pneumatic/pneumatic shaped solid		Pneu./pneu. shaped solid	Pneumatic shaped solid
7	Tire type - cushion, solid, pneumatic, etc.	Std/opt					
8	Tire size (standard)	Drive/steer		250 x 15 20 Ply / 7.00 x 12 16 Ply		28 x 12.5-15 24 Ply / 7.00 x 12 16 Ply	355/50-15 / 28 x9-15
9	Wheels - number	X=driven				2X/2	
10	Tread (drive / steer)			See Tread Chart on page 7			
DIMENSIONS				See overall width chart on page 7			
11	Mast tilt	Std Opt Opt		6F/6B 6F/8B 6F/4B			
12	Mast - lowered height	Std mast		92 (2320)			
13	Free lift - top of fork	Std 2 stg limited free lift mast		5 (150)			
14	Lift height - top of fork	Std 2 stg limited free lift mast		131 (3350)		121 (3090)	
15	Mast - extended height	Std mast with/without LBR		181/162 (4591/4109)		172/159 (4364/4030)	
16	Overhead guard height			92 (2338)			
17	SIP to bottom of OHG	Seat depressed Std/susp/swivel		38.5/39.1/38.5 (977/992/978)			
18	Tow pin height	Vertical center of pin		20.7 (526)			
19	Overall width (drive tires)			See overall width chart on page 7			
20	Forks	Thickness x width x length		2.0 x 4.9 x 48 (50 x 125 x 1219)		2.0 x 5.9 x 48 (50 x 150 x 1219)	2.0 x 4.9 x 48 (50 x 125 x 1219)
21	Standard carriage width	Class III (8000-9000 lb.) Class IV (10000 - 12000 lb.)		48 (1219)			
23	Ground clearance	Lowest point		See ground clearance chart on page 7			
24	Ground clearance	Vertical battery extraction Horizontal battery extraction		7.2 / 7.0 (183 / 177) 6.6 / 6.3 (167 / 161)			
25	Load distance	Center of wheel to face of forks		20.6 (523)			
26a	Battery compartment	Height w/vertical battery removal		31.8 (808)			
26b		Width		40.8 (1037)			
26c		Nominal (std/opt)		40/34		40	
26d		Actual (std/opt)		39.6/33.8 (1006/859)		39.6 (1006)	
27	Length to face of forks	Chassis length		114.5 (2908)		120.8 (3068)	
28	Wheelbase			79.5 (2020)			
29	Right angle stack			163.9 (4164)			
30	Equal aisle	90° Intersecting aisle		91.4 (2322)			
31	Outside turning radius			94.9 (2411)			
WT.				Standard performance			
32	Truck weight	Without battery NL		11080 (5026)	11390 (5166)	12220 (5543)	13710 (6219)
33	Axle loading - drive	Static with max. Wt. battery NL/RL		8791/21276 (3988/9651)	8912/22958 (4042/10414)	9341/25235 (4237/11446)	9816/25354 (4452/11500)
34	Axle loading - steer	Static with Max. Wt. battery NL/RL		7687/3201 (3487/1452)	7870/2824 (3570/1281)	8272/2378 (3752/1079)	9287/3750 (4213/1701)
PERFORMANCE				Standard performance			
35a	Travel speed	Extended shift on		11.0/9.9 (17.7/15.9)		10.7/9.5 (17.2/15.3)	
35b		Extended shift off		13.0/12.4 (21.0/20.0)			
36a	Lift speed, extended shift on	Std 2 stg LFL mast		118/87 (0.60/0.44)		93/71 (0.47/0.36)	
36b		Opt 2 stg FFL mast		107/78 (0.542/0.398)		87/67 (0.444/0.34)	
36c		Opt 3 stg FFL mast		110/81 (0.56/0.411)		89/68 (0.452/0.346)	
36d	Lift speed, extended shift off	Std 2 stg LFL mast		118/87 (0.60/0.44)		93/71 (0.47/0.36)	
36e		Opt 2 stg FFL mast		107/78 (0.542/0.398)		87/67 (0.444/0.34)	
36f		Opt 3 stg FFL mast		110/81 (0.56/0.411)		89/68 (0.452/0.346)	
37a	Lower Speed	Std 2 stg LFL mast		94/104 (0.48/0.53)		73/89 (0.37/0.45)	
37b		Opt 2 stg FFL Mast		75/91 (0.38/0.46)		57/81 (0.29/0.41)	
37c		Opt 3 stg FFL mast		77/98 (0.39/0.50)		63/87 (0.32/0.44)	
38a	Gradeability	5 Minute rating		23/15.6		22.7/14.9	
38b		60 Minute rating		8.4/5.8		8.3/5.5	
39a	Drawbar pull	5 Minute rating		3985/3867		4025/3908	
39b		60 Minute rating		1475/1444		1493/1460	
40a	Brake	Method of control		Hydraulic/spring applied			
40b		Method of operation		Foot/automatic			
ELECTRIC				Lead Acid or Lithium-Ion			
41	Battery	Type					
42	Traction motors (dual)	60 Minute rating Each		19.7 (14.7)			
43	Pump motor	15 Minute rating		48.3 (36)			
44	Traction motors	Type/control method		Dual AC/transistor			
45	Pump motor	Type/control method		AC/transistor			
46	Number of speeds	Traction/pump		Infinitely variable/infinitely variable			
OTHER				19.3 (490)			
47	Step height						
48	Floor height			33.1 (840)			
49	Attachment relief pressure			2250 (155)			
50	Auxiliary oil flow	3rd and 4th function		16 (60)			
51a	Sound level	Extended shift on		68			
51b	(Measured per ANSI B56.11.5)	Extended shift off		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 ERP110VM, ERP120VM

GENERAL				Yale		
GENERAL	1	Manufacturer		ERP110VM ERP120VM		
	2	Model designation		Electric/80 Volts		
	3	Power/voltage		Sit		
	4	Operation				
	5	Rated capacity		lb (kg)	11000 (4990)	12000 (5443)
	6	Load center		in (mm)	24 (610)	
TIRES	7	Tire type - cushion, solid, pneumatic, etc.		Pneumatic shaped solid		
	8	Tire size (standard)		355/50-15/28 x 9-15		
	9	Wheels - number	X=driven	2X/2		
	10	Tread (drive / steer)		See tread chart on page 7		
DIMENSIONS	11	Mast tilt	Std Opt Opt	degrees	6F/6B 6F/8B 6F/4B	
	12	Mast - lowered height	Std mast	in (mm)	92 (2320)	
	13	Free lift - top of fork	Std 2 stg limited free lift mast		in (mm)	5 (150) 6 (160)
	14	Lift height - top of fork	Std 2 stg limited free lift mast		in (mm)	121 (3090) 122 (4000)
	15	Mast - extended height	Std mast with/without LBR		in (mm)	172/159 (4364/4034)
	16	Overhead guard height			in (mm)	92 (2338)
	17	SIP to bottom of OHG	Seat depressed	Std/susp/swivel	in (mm)	38.5/39.1/38.5 (977/992/978)
	18	Tow pin height	Vertical center of pin		in (mm)	20.7 (526)
	19	Overall width (drive tires)			See overall width chart on page 7	
	20	Forks	Thickness x width x length		in (mm)	2.0 x 4.9 x 48 (50 x 125 x 1219) 2.4 x 5.9 x 48 (60 x 150 x 1219)
	21	Standard carriage width	Class III (8000-9000 lb.) Class IV (10000 - 12000 lb.)		in (mm)	48 (1219)
	23	Ground clearance	Lowest point		See ground clearance chart on page 7	
	24	Ground clearance	Vertical battery extraction Horizontal battery extraction		in (mm)	7.2 / 7.0 (183 / 177) 6.6 / 6.3 (167 / 161)
	25	Load distance	Center of wheel to face of forks		in (mm)	20.6 (523)
	26a	Battery compartment	Height	w/vertical battery removal	in (mm)	31.8 (808)
	26b		Width		in (mm)	40.8 (1037)
	26c			Nominal (std/opt)	SIZE	40
	26d			Length	Actual (std/opt)	in (mm)
	27	Length to face of forks	Chassis length		in (mm)	120.8 (3068)
	28	Wheelbase			in (mm)	85.8 (2120)
	29	Right angle stack			in (mm)	170.2 (4323)
30	Equal aisle	90° Intersecting aisle		in (mm)	95.9 (2436)	
31	Outside turning radius			in (mm)	101.3 (2537)	
WT.	32	Truck weight	Without battery	NL	lb (kg)	13930 (6319) 14510 (6582)
	33	Axle loading - drive	Static with max. Wt. battery	NL/RL	lb (kg)	9838/26931 (4463/12216) 10118/28726/(4589/13030)
	34	Axle loading - steer	Static with Max. Wt. battery	NL/RL	lb (kg)	9485/3393 (4302/1539) 9789/3180 (4440/1442)
PERFORMANCE	35a	Travel speed	Extended shift on	NL/RL	mph (km/h)	11.6/9.0 (18.7/14.5)
	35b		Extended shift off	NL/RL	mph (km/h)	13.0/12.4 (21.0/20.0) 13.0/12.1 (21.0/19.5)
	36a	Lift speed, extended shift on	Std 2 stg LFL mast	NL/RL	ft/min (m/sec)	91/59 (.46/.30) 91/59 (.46/.30)
	36b		Opt 2 stg FFL mast	NL/RL	ft/min (m/sec)	83/58 (.422/.295) 83/58 (.422/.295)
	36c		Opt 3 stg FFL mast	NL/RL	ft/min (m/sec)	85/58 (.434/.297) 85/58 (.434/.297)
	36d	Lift speed, extended shift off	Std 2 stg LFL mast	NL/RL	ft/min (m/sec)	96/67 (.49/.33) 96/65 (.49/.33)
	36e		Opt 2 stg FFL mast	NL/RL	ft/min (m/sec)	89/65 (.452/.33) 89/64 (.452/.352)
	36f		Opt 3 stg FFL mast	NL/RL	ft/min (m/sec)	91/66 (.464/.333) 91/66 (.464/.327)
	37a	Lower Speed	Std 2 stg LFL mast	NL/RL	ft/min (m/sec)	71/91 (.36/.46) 71/91 (.36/.46)
	37b		Opt 2 stg FFL Mast	NL/RL	ft/min (m/sec)	55/83 (.28/.42) 55/83 (.28/.42)
	37c		Opt 3 stg FFL mast	NL/RL	ft/min (m/sec)	61/89 (.31/.45) 61/89 (.31/.45)
	38a	Gradeability	5 Minute rating	NL/RL	%	21.5/13.7 21.0/13.0
	38b		60 Minute rating	NL/RL	%	4.6/3.0 4.5/2.9
	39a	Drawbar pull	5 Minute rating	NL/RL	lbf	4020/3895 4018/3892
39b	60 Minute rating		NL/RL	lbf	1484/1448 1483/1445	
40a	Brake	Method of control	Service/parking	Hydraulic/spring applied		
40b		Method of operation	Service/parking	Foot/automatic		
ELECTRIC	41	Battery	Type	Lead Acid or Lithium-Ion		
	42	Traction motors (dual)	60 Minute rating	Each	hp (kW)	19.7 (14.7)
	43	Pump motor	15 Minute rating		hp (kW)	48.3 (36)
	44	Traction motors	Type/control method		Dual AC/transistor	
	45	Pump motor	Type/control method		AC/transistor	
	46	Number of speeds	Traction/pump		Infinitely variable/infinitely variable	
OTHER	47	Step height			in (mm)	19.3 (490)
	48	Floor height			in (mm)	33.1 (840)
	49	Attachment relief pressure			psi (bar)	2250 (155)
	50	Auxiliary oil flow	3rd and 4th function		gal/min (l/min)	16 (60)
	51a	Sound level	Extended shift on		dB (A)	68
51b	(Measured per ANSI B56.11.5)	Extended shift off		dB (A)	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.

ERP080-090VM MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Height	Overall Extended Height with Load Backrest	Overall Extended Height without Load Backrest	Free Lift (TOF) with Load Backrest	Free Lift (TOF) without Load Backrest
in (mm)					
2-Stage Limited Free Lift (LFL) Hi-Vis™ Mast					
131 (3350)	92 (2320)	181 (4591)	162 (4109)	5 (150)	5 (150)
143 (3650)	98 (2470)	193 (4891)	174 (4409)	5 (150)	5 (150)
167 (4250)	110 (2770)	217 (5491)	198 (5009)	5 (150)	5 (150)
2-Stage Full Free Lift (FFL) Hi-Vis™ Mast					
132 (3375)	92 (2320)	182 (4622)	165 (4187)	42 (1079)	59 (1514)
144 (3675)	98 (2470)	194 (4922)	177 (4487)	48 (1229)	65 (1664)
3-Stage Full Free Lift (FFL) Hi-Vis™ Mast					
185 (4715)	90 (2270)	235 (5962)	218 (5527)	40 (1029)	57 (1464)
194 (4950)	94 (2370)	244 (6197)	227 (5762)	44 (1129)	61 (1564)
206 (5250)	98 (2470)	256 (6497)	239 (6062)	48 (1229)	65 (1664)
218 (5550)	102 (2570)	268 (6797)	251 (6362)	52 (1329)	69 (1764)
236 (6000)	110 (2770)	286 (7247)	269 (6812)	60 (1529)	77 (1964)

ERP100-120VM MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Height	Overall Extended Height with Load Backrest	Overall Extended Height without Load Backrest	Free Lift (TOF) with Load Backrest	Free Lift (TOF) without Load Backrest
in (mm)					
2-Stage Limited Free Lift (LFL) Hi-Vis™ Mast					
121 (3090)	92 (2320)	172 (4364)	159 (4030)	5 (150)	5 (150)
133 (3390)	98 (2470)	184 (4664)	171 (4330)	5 (150)	5 (150)
157 (3990)	110 (2770)	208 (5264)	195 (4930)	5 (150)	5 (150)
2-Stage Full Free Lift (FFL) Hi-Vis™ Mast					
122 (3115)	92 (2320)	173 (4389)	162 (4107)	41 (1052)	52 (1334)
134 (3415)	98 (2470)	185 (4689)	174 (4407)	47 (1202)	58 (1484)
3-Stage Full Free Lift (FFL) Hi-Vis™ Mast					
174 (4437)	90 (2270)	225 (5711)	214 (5429)	39 (996)	50 (1278)
184 (4690)	94 (2370)	235 (5964)	224 (5682)	43 (1096)	54 (1378)
196 (4990)	98 (2470)	247 (6264)	236 (5982)	47 (1196)	58 (1478)
208 (5290)	102 (2570)	259 (6564)	248 (6282)	51 (1296)	62 (1578)

TREAD (DRIVE AND STEER TIRES)

Tire Type	Drive Tire / Steer Tire	ERP080VM	ERP090VM	ERP100VM	ERP100VML	ERP110VM	ERP120VM
		in (mm)					
Pneumatic tire	250 x 15 20 Ply / 7.00 x 12 16 Ply	44.2 / 45.0 (1123 / 1143)		N/A	N/A		
PSS tires	250 x 15-7.5 / 7.00 x 12 / 5.0	44.2 / 45.0 (1123 / 1143)		N/A	N/A		
Pneumatic tire	28 x 12.5-15 24 Ply / 7.00 x 12 16 Ply	45.9 / 45.0 (1167 / 1143)			N/A		
PSS tires	355 / 50-15 / 7.00 x 12 / 5.0	45.9 / 45.0 (1167 / 1143)			N/A		
Pneumatic tire (dual drive)	7.00 x 15 14 Ply / 7.00 x 12 16 Ply	60.1 / 45.0 (1526 / 1143)			N/A		
PSS Tires (dual drive)	7.00 x 15-5.5 / 7.00 x 12 / 5.0	60.1 / 45.0 (1526 / 1143)			N/A		
PSS Tires	355 / 50-15 / 28 x 9-15	N/A			45.9 / 45.0 (1167 / 1143)		
PSS Tires (dual drive)	700 x 15 / 5.5 / 28 x 9-15	N/A			60.1 / 45.0 (1526 / 1143)		

OVERALL WIDTH (DRIVE TIRES)

Tire Type	Drive Tire	ERP080VM	ERP090VM	ERP100VM	ERP100VML	ERP110VM	ERP120VM
		in (mm)					
Pneumatic tires	250 x 15 20 Ply	54.1 (1373)		N/A	N/A		
PSS tires	250 x 15-7.5	54.7 (1388)		N/A	N/A		
Pneumatic tires	28 x 12.5-15 24 Ply	58.0 (1472)			N/A		
PSS tires	355/50-15	57.1 (1451)			57.1 (1451)		
Pneumatic tires (dual drive)	7.00 x 15 14 Ply	67.9 (1724)			N/A		
PSS tires (dual drive)	7.00 x 15-5.5	68.5 (1739)			68.5 (1739)		

GROUND CLEARANCE (LOWEST POINT)

	ERP080VM	ERP090VM	ERP100VM	ERP100VML	ERP110VM	ERP120VM
	NL / RL IN (MM)					
250 x 15 20 Ply	5.7/4.9 (144/125)		N/A	N/A		
250 x 15-7.5	5.6/5.1 (141/130)		N/A	N/A		
28 x 12.5-15 24 Ply	5.8/5.0 (148/128)			N/A		
355/50-15	5.6/5.3 (143/135)			5.6/5.3 (143/135)		
7.00 x 15 14 Ply (Dual drive)	6.1/5.3 (156/135)			N/A		
7.00 x 15-5.5 (Dual drive)	5.7/5.3 (145/135)			5.7/5.3 (145/135)		

BATTERY AND COMPARTMENT SPECIFICATIONS

Battery Compartment Dimensions				Battery Dimensions and Specifications							
Truck Model	Width	Length	Height	"X"	"Y"	"Z"	Volts	No. of cells	Max Capacity 6 Hr Rate	Weight	
	in (mm)			in (mm)						Min	Max
									amp Hr (kWh)	lbs (kg)	
ERP080-120VM 40" Compartment	40.8 (1037)	39.6 (1006)	31.8 (808)	40.6 (1030)	39.4 (1000)	31.4 (798)	80	40	840 (65.2)	4600 (2080)	5400 (2440)
ERP080/090VM 34" Compartment	40.8 (1037)	33.8 (859)	31.8 (808)	40.6 (1030)	33.1 (840)	31.4 (798)	80	40	700 (54.3)	4400 (1991)	5100 (2319)

Battery Type: "E0" (Without Cover)

Max allowable battery capacity per UL is 1000 amp hr (77.6 kwh)

Commercially available Lead Acid or Lithium-Ion batteries may not necessarily reach these max limits

34" Compartment achieved by use of a Front Compartment Spacer - Reduces Compartment Length from 39.6" to 33.8"

Allows use of 31.5" - 33" (800 - 840 mm) battery in the 40" (1006 mm) Battery Compartment

Battery Compartment Length is measured front to rear. Battery Compartment Width is measured across the truck.

Battery Notes - Conventional Charging (Option BCSSBC)

Battery Connector: 80 volt - Black SBE[®]320

Anderson Power Products[®] P/N E6363G2 (3/0 AWG), E6363G3 (4/0 AWG) or equivalent

Battery Lead: Length 20" (508 mm), Position "A", Minimum Cable Size 3/0 AWG

Handle (not required): SB[®]350 and SBE[®]320 (Anderson Power Products)[®]; "A" TYPE (Grey) P/N 995G2 or equivalent

Battery Notes - Premium, Fully Integrated "Quick Connect" Rapid / Fast Charging (Option BARFBC)

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 Positive / Negative Cabling terminating in (1) Female EBC-320 DIN Connector

Anderson Power Products[®] P/N E32595-00X9 (3/0 AWG), A32504-00X9 (4/0 AWG) or equivalent. (X = Auxiliary Contacts)

DIN connector to include 1 Red Conductor to (+) and 1 black conductor to (-)

Battery Lead: Length 20" (508 mm), Position "A", Minimum Cable Size 3/0 AWG

FEATURES LIST

PERFORMANCE	STD	OPT
80-volt electrical system	•	
AC traction and pump motors (completely brushless)	•	
Transistor drive and pump control	•	
Advanced VSM (Vehicle System Manager)	•	
Dual drive motors	•	
Wet disc brakes	•	
Regenerative braking	•	
"Zero Turn" steer axle	•	
DRIVE	STD	OPT
Pneumatic drive & steer tires (ERP080-100VM)	•	
Pneumatic Shaped Solid drive & steer tires (ERP100VML, ERP110-120VM)	•	
Pneumatic Shaped Solid drive & steer tires (ERP080-100VM)		•
Dual drive tires		•
LIFT	STD	OPT
2-Stage limited free lift (LFL) mast with maximum fork height of 131" (ERP080-090VM)	•	
2-Stage limited free lift (LFL) mast with maximum fork height of 121" (ERP0100-120VM)	•	
6° forward/6° back tilt	•	
2-Stage full free lift mast		•
3-Stage full free lift mast		•
6° forward / 8° back tilt		•
6° forward / 4° back tilt		•
HANDLING	STD	OPT
48" Hook Type Carriage w/ 48" high load backrest extension	•	
48" long forks	•	
54" & 60" Hook Type Carriages w/ 48" high load backrest extension		•
54" Attachment Carriage		•
48" & 60" Integral Sideshift Carriages (ERP080-090VM)		•
54" & 60" Integral Sideshift Carriages (ERP100-120VM)		•
Multiple Fork Lengths		•
Return to set tilt		•
Hydraulic attachment extension tubes with or without quick disconnect fittings		•
Load weight indicator		•
Accumulator		•
ERGONOMICS	STD	OPT
Seat side directional control	•	
Mechanical hydraulic levers	•	
Steering wheel w/ integral spinner knob	•	
Non-suspension vinyl seat	•	
Black, non-cinch seat belt with Emergency Locking Retractor (ELR)	•	
Automatic park brake	•	
Power assist braking	•	
On-demand hydrostatic power-assist steering	•	
Auto Deceleration System (ADS)	•	
Multifunction display (high mount)	•	
Easy ingress/egress with low step height and contoured handhold	•	
Operator convenience station	•	
Adjustable tilt steering column with low profile cowl for excellent visibility	•	
Operator Presence System (OPS)	•	
Cushioned Floormat	•	
Seatside power disconnect button	•	
Black, non-cinch seat belt with Emergency Locking Retractor (ELR)	•	
Non-suspension cloth seat		•
Full-suspension seat (vinyl or cloth)		•

ERGONOMICS continued		
Full-suspension swivel seat (vinyl or cloth)		•
Foot Direction Control Pedal		•
Telescoping steering column with tilt memory		•
LED dome/reading light		•
Rear drive handle with horn button		•
Dual rear view mirrors		•
Panoramic rear view mirror		•
Red, high-visibility, non-cinch seat belt with or without interlock		•
Low mount display		•
Accutouch mini-levers		•
OPERATION	STD	OPT
Standard environmental construction	•	
Key switch start	•	
92" grid style overhead guard	•	
3-function hydraulic control valve	•	
Fully integrated CANbus communication	•	
Battery Removal without Rollers - Lift Out	•	
Static strap	•	
Tow pin	•	
Type "E" UL construction	•	
Continuous Stability System (CSS™)	•	
Cooler / freezer package – operating temperatures: -20°F to +120° F		•
4-function hydraulic control valve		•
Horizontal Battery Extraction (Rollers or Fork Pocket)		•
Keyless start (with auxiliary key switch)		•
LED brake/tail/back-up light packages		•
LED and halogen work light packages		•
Key switch controlled lights		•
Audible alarm - reverse operation (manually adjustable to 87, 97 or 102 dB)		•
Visible amber strobe light - continuous activated, overhead guard mounted		•
Fire extinguisher - 2.5lb dry chemical		•
Impact monitor with programmable shutdown		•
Operator password start interlock		•
Operator daily checklist		•
System monitor - hydraulic low fluid level indicator and hydraulic filter service indicator		•
Programmable maintenance reminder		•
Premium, fully integrated "quick connect" rapid charge system		•
Full steel cab		•
Front, top and rear cab panels		•
Outdoor protection/wash-down package		•
Front mud guards		•
Tilt cylinder boots		•
Type "EE" UL construction		•
Vented battery side covers		•
Hydraulic Oil Cooler		•
12-Volt auxiliary power supply		•
Heater & defroster		•
Auxiliary DC-DC converter		•
Yale Reliant™		•
SUPPLEMENTAL	STD	OPT
Operating manual	•	
12 month / 2,000 hour full truck warranty	•	
36 month / 6,000 hour powertrain warranty	•	

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.

MATERIALS HANDLING FOR:



3PL



Auto Parts
Distribution



Beverage



Cold & Frozen
Foods



Food
Distribution



Food
Processing



Furniture &
Furnishings



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Pharma



Home
Centers




Retail &
E-Commerce

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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.