

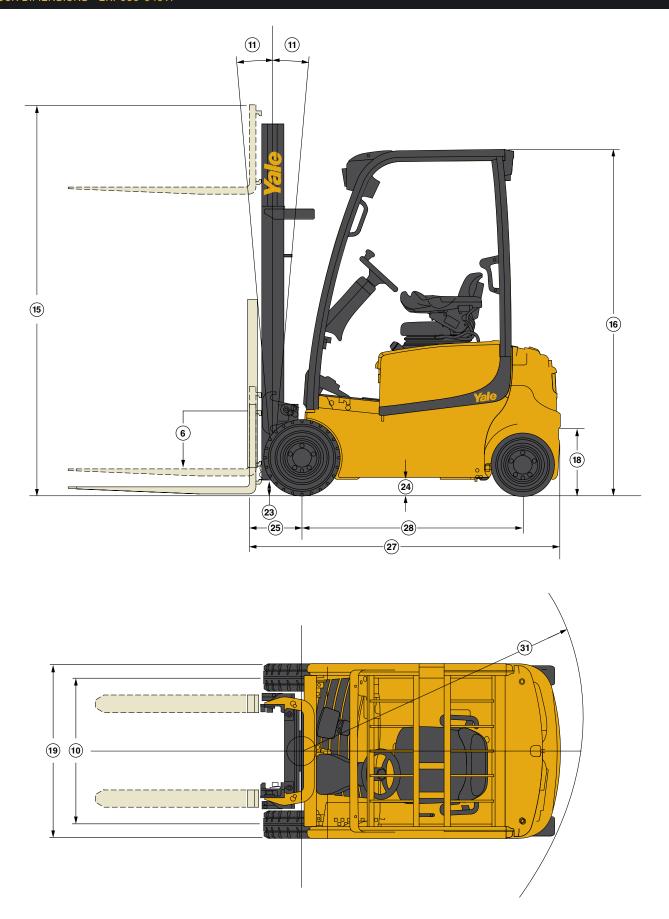


ERP 030-040VF

Pneumatic tire electric counterbalanced forklift

3,000-4,000 lbs.

SPEC SHEET



GENI	ERAL SPECIFICATIONS	- FRP030VE							
		- ERPUSUVF			V .				
1	Manufacturer				Yal				
2	Model designation				ERP0				
3	Power				Electric Sit				
3 4	Operation Dated according			11- (1)	3000 (1361)				
5	Rated capacity Load center			lb. (kg) in. (mm)	24 (
7		aumatic etc	Drive/stees	111. (111111)					
	Tire type - cushion, solid, pr Tire size	neumatic, etc.	Drive/steer Drive/steer	in.	Pneumatic shaped solid /	· · · · · · · · · · · · · · · · · · ·			
8	Wheels – number	X=driven	Drive/steer	111.		/ 2			
10	Tread	Ctr. of tires	Drive/steer	in. (mm)	35 / 35.4 (
11	Mast tilt	Std opt opt	Briversteer	degrees	5F / 5B 10F				
12	Mast - lowered height	Std mast		in. (mm)	78 (1				
	-	Std 2-stg limited free lift m	ast	in. (mm)	5 (1	40)			
13	Free lift - top of fork	Opt 2-stg full free lift mast		in. (mm)	29 / 55 (7	50 / 1405)			
14	Lift height - top of fork	Std 2-stg limited free lift m	ast	in. (mm)	119 (;	3032)			
15	Mast - extended height	Std mast with/without LBR		in. (mm)	168 / 142 (4	262 / 3606)			
16	Overhead guard height	Std/flat plate/drive in rack		in. (mm)	81.5 / 77.9 / 81.5 (2	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)	14.1	(360)			
19	Overall width			in. (mm)	41.7 (1060)			
20	Forks	Thickness x width x length		in. (mm)	1.6 x 3.9 x 42 (4	0 x 100 x 1067)			
20 21 22 23	Standard carriage width			in. (mm)		(977)			
22	Floor to top of battery roller	I		in. (mm)	7 (1				
	Ground clearance	Lowest point	NL/RL NL/RL	in. (mm)	2.8 / 2.8	· · · · · · · · · · · · · · · · · · ·			
24		Center of truck		in. (mm)	3.7 / 3.5				
25	Load distance	Center of wheel to face of fo		in. (mm)	12.6				
0.4	5	Height	Std/battery rollers/tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)				
26	Battery compartment	Width		in. (mm)	39 (990)				
27	Longth to food of factor	Length Chassis langth		in. (mm)	21.5 (546) 74.1 (1881)				
27	Length to face of forks Wheelbase	Chassis length		in. (mm)	52.6 (1335)				
28				in. (mm)	122.0				
30	Right angle stack Equal aisle				70 (1				
31	Outside turning radius	70 litter secting diste		in. (mm)	61.4 (
32	Truck weight	Without battery	NL	lb. (kg)	5140 (
33	Axle loading - drive	Static with max. wt. battery		lb. (kg)	3641 / 8733 (
34	Axle loading - steer	Static with max. wt. battery		lb. (kg)	3695 / 1603 (1676 / 727)				
35	Voltage				36	48			
2/	Tarvalarand	Extended shift OFF	NL/RL	mph (km/h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)			
36	Travel speed	Extended shift ON	NL/RL	mph (km/h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)			
		Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	128 / 77 (0.65 / 0.39)	134 / 94 (0.68 / 0.48)			
37	Lift speed	Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 75 (0.58 / 0.38)	120 / 89 (0.61 / 0.45)			
		Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 75 (0.58 / 0.38)	120 / 89 (0.61 / 0.45)			
		Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)	120 / 77 (0.61 / 0.39)	126 / 91 (0.64 / 0.46)			
		Std 2-stg LFL mast	NL/RL	ft/min (m/sec)		0.47 / 0.51)			
38	Lower speed	Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	77 / 91 (0.				
38		Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	81 / 91 (0.				
		Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)		.48 / 0.50)			
39	Gradability	5 Minute rating 60 Minute rating	NL/RL NL/RL	%	38.4 / 26.5 6.0 / 4.4	34 / 25 9.9 / 6.5			
		5 Minute rating	NL/RL	lbf	2719 / 2714 (12096 / 12072)	2489 / 2437 (11072 / 10840)			
40	Drawbar pull	60 Minute rating	NL/RL	lbf	458 / 462 (2038 / 2054)	744 / 691 (3309 / 3074)			
				1.01		mechanical			
	Brake Method of control Service/parking Method of operation Service/parking		Service/parking			utomatic			
41						ure Lead* Lithium-ion*			
41	Battery	Туре							
42	Battery Traction motors (dual)			hp (kW)	6.4 (4.8)	6.7 (5.0)			
42	· · · · · · · · · · · · · · · · · · ·	Туре		hp (kW) hp (kW)	6.4 (4.8) 16.1 (12.0)	6.7 (5.0) 16.1 (12.0)			
42	Traction motors (dual)	Type 60 Minute rating (Each)				16.1 (12.0)			
42 43 44	Traction motors (dual) Pump motor	Type 60 Minute rating (Each) 15 Minute rating			16.1 (12.0)	16.1 (12.0) ensistor			
42 43 44 45	Traction motors (dual) Pump motor Traction motors	Type 60 Minute rating (Each) 15 Minute rating Type/control method			16.1 (12.0) AC / tra AC / tra	16.1 (12.0) ansistor			
42 43 44 45 46	Traction motors (dual) Pump motor Traction motors Pump motor	Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method			16.1 (12.0) AC / tra AC / tra	16.1 (12.0) ansistor ansistor / infinitely variable			
42 43 44 45 46 47 48	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method		hp (kW)	16.1 (12.0) AC / tra AC / tra Infinitely variable /	16.1 (12.0) ansistor ansistor / infinitely variable			
42 43 44 45 46 47 48 49 50	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method Traction/pump Lowest point		hp (kW)	16.1 (12.0) AC / tra AC / tra Infinitely variable /	16.1 (12.0) ensistor ensistor / infinitely variable (484) (557)			
42 43 44 45 46 47 48 49	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method Traction/pump Lowest point		in. (mm) in. (mm)	16.1 (12.0) AC / tra AC / tra Infinitely variable / 19.1 21.9 2611 / 2248	16.1 (12.0) ensistor ensistor / infinitely variable (484) (557)			

^{*}Optional with Yale Power Key

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.

	ERAL SPECIFICATIONS	- FRP035VF						
		- LIVE 033VF						
1	Manufacturer				Ya			
<u>2</u>	Model designation					35VF		
3	Power				Electric			
3 4	Operation					it		
0	Rated capacity			lb. (kg)	3500	· · · · · · · · · · · · · · · · · · ·		
6	Load center			in. (mm)	24 (
7	Tire type - cushion, solid, p	neumatic, etc.	Drive/steer	1	,	/ pneumatic shaped solid		
8 9	Tire size		Drive/steer	in.	18 x 7-8 /			
	Wheels – number	X=driven	Drive/steer	1. / >		/ 2		
10	Tread	Ctr. of tires	Drive/steer	in. (mm)	35 / 35.4 (
11	Mast tilt	Std opt opt		degrees	5F / 5B 10F			
12	Mast - lowered height	Std mast		in. (mm)	78 (1	· · · · · · · · · · · · · · · · · · ·		
13	Free lift - top of fork	Std 2-stg limited free lift ma		in. (mm)	5 (1			
4.6		Opt 2-stg full free lift mast v		in. (mm)	29 / 55 (7	· · · · · · · · · · · · · · · · · · ·		
14	Lift height - top of fork	Std 2-stg limited free lift ma	ıst	in. (mm)	119 (
15	Mast - extended height	Std mast with/without LBR		in. (mm)	168 / 142 (4	· · · · · · · · · · · · · · · · · · ·		
16	Overhead guard height	Std/flat plate/drive in rack	C: 1/ / : 1	in. (mm)	81.5 / 77.9 / 81.5 (2			
17	SIP to bottom std OHG	Nominal	Std/susp/swivel	in. (mm)		(989 / 997 / 985)		
18	Tow pin height	Vertical center of pin		in. (mm)	14.1			
n 19	Overall width	TIP		in. (mm)	41.7 (
20	Forks	Thickness x width x length		in. (mm)	1.6 x 3.9 x 42 (4			
20 21 22 23	Standard carriage width			in. (mm)		(977)		
22	Floor to top of battery rolle			in. (mm)	7 (1			
	Ground clearance	Lowest point	NL/RL NL/RL	in. (mm)	2.8 / 2.8	· · · · · · · · · · · · · · · · · · ·		
24	1 1 2 1	Center of truck		in. (mm)		(95 / 90)		
25	Load distance	Center of wheel to face of fo	Std/battery rollers/tall	in. (mm)	12.6			
		Height		in. (mm)		(607 / 645 / 677)		
26	Battery compartment	Width		in. (mm)	39 (
		Length		in. (mm)	25.3 (642)			
27	Length to face of forks	Chassis length		in. (mm)	77.8 (1975)			
28	Wheelbase			in. (mm)	56.3 (
29	Right angle stack	T		in. (mm)	125.8			
30	Equal aisle	90° Intersecting aisle		in. (mm)	71.3 (
31	Outside turning radius	1400	•••	in. (mm)	65.2 (
32	Truck weight	Without battery	NL	lb. (kg)	5270	· · · ·		
33	Axle loading - drive	Static with max. wt. battery	NL/RL	lb. (kg)	3795 / 9573			
34	Axle loading - steer	Static with max. wt. battery	NL/RL	lb. (kg)	3866 / 1588	· · · · · · · · · · · · · · · · · · ·		
35	Voltage	E 1	NI /DI		36	48		
36	Travel speed	Extended shift OFF Extended shift ON	NL/RL NL/RL	mph (km/h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)		
		Std 2-stg LFL mast	NL/RL	mph (km/h)	8.7 / 8.7 (14.0 / 14.0) 128 / 71 (0.65 / 0.36)	8.7 / 8.7 (14.0 / 14.0) 134 / 94 (0.68 / 0.48)		
				ft/min (m/sec)				
37	Lift speed	Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 75 (0.58 / 0.38)	120 / 85 (0.61 / 0.43)		
п		Opt 4 stg FFL mast	NL/RL	ft/min (m/sec)	114 / 75 (0.58 / 0.38)	120 / 85 (0.61 / 0.43)		
2		Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)	120 / 77 (0.61 / 0.39)	126 / 89 (0.64 / 0.45)		
Z IAI Y		Std 2-stg LFL mast	NL/RL	ft/min (m/sec)		39 / 0 (6)		
38	Lower speed	Opt 2-stg FFL mast	NL/RL NL/RL	ft/min (m/sec)	77 / 91 (0			
다 도		Opt 4 stg FFL mast		ft/min (m/sec) ft/min (m/sec)		.41 / 0.46)		
1		Opt 4-stg FFL mast	NL/RL			.48 / 0.50)		
39	Gradability	5 Minute rating	NL/RL	%	36.2 / 24.3	35.0 / 25.0		
		60 Minute rating	NL/RL NL/RL	% !bf	5.7 / 4.0	9.2 / 5.9		
40	Drawbar pull	5 Minute rating		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		•	mechanical		
	Pattory	Method of operation	Service/parking		Foot / au			
/ 0		Type		b p (J.)A/\		ure Lead* Lithium-ion*		
42	Battery Traction meters (dual)	40 Minute+: /F - + 1		hp (kW)	6.4 (4.8)	6.7 (5.0)		
4.0	Traction motors (dual)	60 Minute rating (Each)		<u> </u>	1 (1 /1 2 0)	1 (1 (10 0)		
	Traction motors (dual) Pump motor	15 Minute rating		hp (kW)	16.1 (12.0)	16.1 (12.0)		
43 44 45	Traction motors (dual) Pump motor Traction motors	15 Minute rating Type/control method		<u> </u>	AC / tra	nsistor		
43 44 45 46	Traction motors (dual) Pump motor Traction motors Pump motor	15 Minute rating Type/control method Type/control method		<u> </u>	AC / tra	ansistor ansistor		
43 44 45 46 47	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	15 Minute rating Type/control method		hp (kW)	AC / tra AC / tra Infinitely variable	nsistor nsistor / infinitely variable		
43 44 45 46 47 48	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	15 Minute rating Type/control method Type/control method Traction/pump		hp (kW)	AC / tra AC / tra Infinitely variable ,	nnsistor ensistor / infinitely variable (484)		
43 44 45 46 47 48	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	15 Minute rating Type/control method Type/control method Traction/pump Lowest point		in. (mm) in. (mm)	AC / tra AC / tra AC / tra Infinitely variable , 19.1 21.9	insistor insistor / infinitely variable (484) (557)		
43 44 45 46 47 48 49 50	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure	15 Minute rating Type/control method Type/control method Traction/pump Lowest point Mech levers/mini levers		in. (mm) in. (mm) psi (bar)	AC / tra AC / tra Infinitely variable / 19.1 21.9 2611 / 2248	rinsistor rinsistor / infinitely variable (484) (557) 8 (180 / 155)		
43 44 45 46 47 48 49	Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	15 Minute rating Type/control method Type/control method Traction/pump Lowest point		in. (mm) in. (mm)	AC / tra AC / tra Infinitely variable / 19.1 21.9 2611 / 2248	insistor insistor / infinitely variable (484) (557)		

^{*}Optional with Yale Power Key

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.

3ENI	ERAL SPECIFICATIONS	- FRP040VE							
		- LINF 040 VI			V				
1	Manufacturer				Yal				
3	Model designation				ERP0				
4	Power				Elec				
_	Operation Dated capacity			lb (kg)					
5	Rated capacity Load center			lb. (kg) in. (mm)	4000 (
7			Daine /atana	111. (111111)					
8	Tire type - cushion, solid, pi Tire size	neumatic, etc.	Drive/steer Drive/steer	in.	Pneumatic shaped solid / 200 / 50-10	· · · · · · · · · · · · · · · · · · ·			
9	Wheels – number	V-drivon	Drive/steer	III.					
10	Tread	X=driven Ctr. of tires	Drive/steer Drive/steer	in. (mm)	2X / 2 35.7 / 35.4 (908 / 898)				
_			Drive/steer						
11	Mast tilt Mast - lowered height	Std opt opt Std mast		degrees	5F / 5B 10F 78 (1				
12	Mast - towered neight		and the same of th	in. (mm)	5 (1	<u> </u>			
13	Free lift - top of fork	Std 2-stg limited free lift m		in. (mm)					
14	Lift boight top of fork	Opt 2-stg full free lift mast		in. (mm)	29 / 55 (79 119 (3				
_	Lift height - top of fork	Std 2-stg limited free lift m		in. (mm)		· · · · · · · · · · · · · · · · · · ·			
15	Mast - extended height	Std mast with/without LBF		in. (mm)	168 / 142 (4				
16	Overhead guard height	Std/flat plate/drive in rack		in. (mm)	81.5 / 77.9 / 81.5 (2				
17	SIP to bottom std OHG	Nominal	Std/susp/swivel	in. (mm)	38.9 / 39.2 / 38.7				
18	Tow pin height	Vertical center of pin		in. (mm)	14.1				
19	Overall width	Thicknessidit		in. (mm)	43.9 (
20	Forks	Thickness x width x length		in. (mm)	1.6 x 3.9 x 42 (4 38.5	· · · · · · · · · · · · · · · · · · ·			
21	Standard carriage width			in. (mm)		· '			
22	Floor to top of battery rolle		NL/RL	in. (mm)	2.8 / 2.8				
24	Ground clearance	Lowest point							
25	1 4:	Center of truck	NL/RL	in. (mm)	3.7 / 3.5				
25	Load distance	Center of wheel to face of f		in. (mm)		2.6 (321)			
2/	D-44	Height	Std/battery rollers/tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)				
26	, ,			in. (mm)	39 (990) 25.3 (642)				
27	Langth to food of factor	Length Chassis langth		in. (mm)	77.7 (1975)				
_	Length to face of forks	Chassis length							
28	Wheelbase			in. (mm)	56.3 (· · · · · · · · · · · · · · · · · · ·			
30	Right angle stack				125.8 (3196) 72.2 (1835)				
31	Equal aisle Outside turning radius	90° Intersecting aisle		in. (mm)	65.2 (1656)				
32	Truck weight	Without battery	NL	lb. (kg)	5310 (
33	Axle loading - drive	Static with max. wt. battery		lb. (kg)					
34	Axle loading - steer	Static with max. wt. battery		lb. (kg)	3839 / 10443 (1741 / 4737) 3866 / 1262 (1754 / 572)				
35	Voltage	Static With max. Wt. batter	/ NE/NE	tb. (kg)	36	48			
- 55	voltage	Extended shift OFF	NL/RL	mph (km/h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)			
36	Travel speed	Extended shift ON	NL/RL	mph (km/h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)			
		Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	128 / 67 (0.65 / 0.34)	134 / 83 (0.68 / 0.42)			
		Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 65 (0.58 / 0.33)	120 / 81 (0.61 / 0.41)			
37	Lift speed	Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	114 / 65 (0.58 / 0.33)	120 / 81 (0.61 / 0.41)			
		Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)	120 / 71 (0.61 / 0.36)	126 / 89 (0.64 / 0.45)			
		Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	93 / 100 (0				
		Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	77 / 93 (0.				
38	Lower speed	Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	81 / 93 (0.				
		opro signi Enidat	INE/INE	10/11/11 (11/58C)	01/73(0.				
		Ont 4-sta FFL mast	NI /RI	ft/min (m/sec)	9/, / 99 /0	48 / () 5())			
		Opt 4-stg FFL mast	NL/RL NL/RI	ft/min (m/sec)	94 / 98 (0.				
39	Gradability	5 Minute rating	NL/RL	%	36.0 / 23.6	34.0 / 21.0			
	Gradability	5 Minute rating 60 Minute rating	NL/RL NL/RL	% %	36.0 / 23.6 5.7 / 3.9	34.0 / 21.0 9.2 / 5.6			
	Gradability Drawbar pull	5 Minute rating 60 Minute rating 5 Minute rating	NL/RL NL/RL NL/RL	% % lbf	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062)	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716)			
39	,	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating	NL/RL NL/RL NL/RL NL/RL	% %	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044)	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949)			
39	,	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control	NL/RL NL/RL NL/RL NL/RL Service/parking	% % lbf	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic /	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical			
39 40 41	Drawbar pull Brake	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation	NL/RL NL/RL NL/RL NL/RL	% % lbf	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical itomatic			
39 40 41 42	Drawbar pull Brake Battery	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type	NL/RL NL/RL NL/RL NL/RL Service/parking	% % Lbf Lbf	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical utomatic ure Lead* Lithium-ion*			
39 40 41 42 43	Drawbar pull Brake Battery Traction motors (dual)	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each)	NL/RL NL/RL NL/RL NL/RL Service/parking	% % Ubf Ubf hp (kW)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8)	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical itomatic ure Lead* Lithium-ion* 6.7 (5.0)			
39 40 41 42 43 44	Drawbar pull Brake Battery Traction motors (dual) Pump motor	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating	NL/RL NL/RL NL/RL NL/RL Service/parking	% % Lbf Lbf	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0)	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical itomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0)			
39 40 41 42 43 44 45	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating Type/control method	NL/RL NL/RL NL/RL NL/RL Service/parking	% % Ubf Ubf hp (kW)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0)	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical itomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0)			
39 40 41 42 43 44 45 46	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method	NL/RL NL/RL NL/RL NL/RL Service/parking	% % Ubf Ubf hp (kW)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0) AC / tra	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical stomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0) nsistor			
39 40 41 42 43 44 45 46 47	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating Type/control method	NL/RL NL/RL NL/RL NL/RL Service/parking	% % lbf lbf hp (kW) hp (kW)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0) AC / tra Infinitely variable	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical stomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0) nsistor infinitely variable			
39 40 41 42 43 44 45 46 47 48	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method Traction/pump	NL/RL NL/RL NL/RL NL/RL Service/parking	% % lbf lbf lbf hp (kW) hp (kW)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0) AC / tra Infinitely variable /	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical stomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0) nsistor infinitely variable (484)			
39 40 41 42 43 44 45 46 47 48	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method Traction/pump	NL/RL NL/RL NL/RL NL/RL Service/parking	% % lbf lbf lbf hp (kW) hp (kW) in. (mm) in. (mm)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0) AC / tra Infinitely variable / 19.1 21.9	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical utomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0) nsistor infinitely variable (484)			
39 40 41 42 43 44 45 46 47 48	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	5 Minute rating 60 Minute rating 5 Minute rating 60 Minute rating Method of control Method of operation Type 60 Minute rating (Each) 15 Minute rating Type/control method Type/control method Traction/pump	NL/RL NL/RL NL/RL NL/RL Service/parking	% % lbf lbf lbf hp (kW) hp (kW)	36.0 / 23.6 5.7 / 3.9 2719 / 2712 (12093 / 12062) 457 / 460 (2034 / 2044) Hydraulic / Foot / at Lead acid Thin Plate P 6.4 (4.8) 16.1 (12.0) AC / tra Infinitely variable /	34.0 / 21.0 9.2 / 5.6 2479 / 2409 (11027 / 10716) 733 / 663 (3261 / 2949) mechanical stomatic ure Lead* Lithium-ion* 6.7 (5.0) 16.1 (12.0) nsistor nsistor infinitely variable (484) (557) (180 / 155)			

^{*}Optional with Yale Power Key

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.

ERP030VF WITH 21.5" LONG COMPARTMENT																			
Battery compartment dimensions					Battery dimensions and specifications														
	\A/: - + -	idth Length	11-1-64	"X"		"Y"		"Z"				Max capacity	Weight						
Compartment type			Height	Min	Max	Min	Max	Max	Volts	No. of cells	Plates per cell	6 hour rate	Min	Max					
	in. (mm)			in. (mm)							amp hr (kwh)	lb. (kg)							
With auxiliary			23.9					23.4	36	18	17	880 (30.6)	1700	2200					
CTWT platform			(607)					(594)	48	24	13	660 (30.5)	(771)	(998)					
With battery rollers	39 21.5	39	39 21.5	21.5	21.5	21.5	39 21.5	25.4	38.2	38.8	20	21.2	24.9	36	18	17	880 (30.6)	1700	2200
with battery rotters	(990)		(645)	(970)	(986)	(508)	3) (539)	(632)	48	24	13	660 (30.5)	(771)	(998)					
Without auxiliary			26.7					26.1	36	18	17	880 (30.6)	2000	2500					
CTWT platform			(677)					(664)	48	24	13	660 (30.5)	(907)	(1134)					

ERP035-040VF WITH 25.3" LONG COMPARTMENT														
Battery compartment dimensions					Battery dimensions and specifications									
	Width	th Length	n Height	"X"		"Y"		"Z"				Max capacity	Weight	
Compartment type	vviatn			Min	Max	Min	Max	Max	Volts	No. of cells		6 hour rate	Min	Max
	in. (mm)			in. (mm)							amp hr (kwh)	lb. (kg)		
With auxiliary		39 25.3 (990) (642)	23.9		38.8 (986)	23.5 (597)	25 (635)	23.4	36	18	21	1100 (38.2)	2100	2400
CTWT platform			(607)					(594)	48	24	15	770 (35.8)	(953)	(1089)
With battery rollers	39			38.2				24.9	36	18	21	1100 (38.2)	2100	2400
With battery rotters	(990)			(970)				(632)	48	24	15	770 (35.8)	(953)	(1089)
Without auxiliary								26.1	36	18	21	1100 (38.2)	2500	2800
CTWT platform			(677)					(664)	48	24	15	770 (35.8)	(1134)	(1270)

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 26" (660 mm), position "B", minimum cable size 3/0 AWG

MAST DIMENSIONS -	- ERP030-040VF				
Maximum fork height (TOF) +	Overall lowered height	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)
		2-STAGE LIMITED FF	REE-LIFT (LFL) MAST		
119 (2032)	78 (1980)	168 (4262)	142 (3606)	5 (140)	5 (140)
127 (3232)	82 (2080)	176 (4462)	150 (3806)	5 (140)	5 (140)
		2-STAGE FULL FRE	E-LIFT (FFL) MAST		
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)
		3-STAGE FULL FRE	E-LIFT (FFL) MAST		
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)
		4-STAGE FULL FRE	E-LIFT (FFL) MAST		
241 (6121)	84 (2121)	291 (7380)	265 (6721)	34 (873)	59 (1511)
259 (6578)	90 (2273)	309 (7837)	283 (7179)	40 (1025)	65 (1663)

PERFORMANCE	STD	0P
36-Volt electrical system	•	
AC traction and pump motors (completely brushless)	•	
Transistor drive and pump control	•	
Advanced VSM (Vehicle System Manager)	•	
Progressive thermal management system	•	
Dual drive motors	•	
Wet disc brakes	•	
"Zero turn radius" turning	•	
48-Volt electrical system		•
Reverse Speed System		•
DRIVE	STD	0P
Pneumatic-shaped solid drive tire and steer tire	•	
Rubber cushion smooth tread drive tire and steer tire		•
LIFT	STD	0P
2-stage limited free lift (LFL) mast with maximum fork height of 119"	•	
5° forward / 5° back mast tilt	•	
Available with 2-stage limited free lift (LFL) and 2, 3 or 4-stage full		
free lift (FFL) masts		•
Mast tilt option – 10° forward / 5° back		•
Mast tilt option – 5° forward / 4° back		•
Return to set tilt		•
Load weight indicator		•
HANDLING	STD	0P
38.5" wide class II carriage with 48" high load backrest extension	•	
42" (1067mm) Long forks	•	
Carriage with integral sideshift		•
Carriage with integral sideshifting fork positioner		
ERGONOMICS	STD	0P
Foot Directional Control Pedal	•	
12" steering wheel with integral spinner knob and tilt column	•	
Black, non-cinch seat belt with Emergency Locking Retractor (ELR)	•	
Power assist braking	•	
Auto Deceleration System	•	
Regenerative braking	•	
Multifunction display		
- Battery state of charge with low battery lift interrupt		
- Hour meter		
– Performance mode indicator	•	
– Fault indicator		
– Fault indicator		
– Fault indicator – 4 operator selectable, programmable performance modes	•	
– Fault indicator – 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station		
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS)	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers	•	
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers Non-suspension cloth seat	•	•
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers Non-suspension cloth seat Full-suspension seat (vinyl or cloth)	•	•
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers Non-suspension cloth seat Full-suspension swivel seat (vinyl or cloth) Full-suspension swivel seat (vinyl or cloth)	•	•
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers Non-suspension cloth seat Full-suspension seat (vinyl or cloth) Full-suspension swivel seat (vinyl or cloth) Seatside directional control	•	•
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers 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	•	•
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers Non-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	•	•
- Fault indicator - 4 operator selectable, programmable performance modes Easy ingress / egress with low step height and contoured handhold Operator convenience station Adjustable tilt steering column with low profile cowl Cushioned floormat Seatside power disconnect button Operator Presence System (OPS) Vinyl non-suspension seat Hydrostatic steer system Automatic park brake Accutouch hydraulic mini-levers 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	•	•
– Fault indicator	•	•

ERGONOMICS CONTINUED	STD	OPT
Red, high-visibility, non-cinch seat belt with		•
or without start interlock		
Low mount display	CTD	OPT
OPERATION Pattery compartment size	STD	OPT
Battery compartment size – 21.5" (ERP030VF)		
- 25.3" (ERP035-40VF)		
Lift out battery extraction	•	
Standard construction	•	
UL classification type "E"	•	
Key switch start	•	
81.5" grid style overhead guard	•	
3-function hydraulic control valve with seatside mechanical levers	•	
On-demand hydrostatic power-assist steering	•	
Fully integrated CANbus communication	•	
Static strap	•	
Tow pin		
On-board software		
– Program, test & diagnose	•	
- Password protected		
Electronic horn with integral relay (long life / no adjustments)	•	
Battery side covers	•	
Side extraction battery removal with rollers		•
Rapid / fast charge		•
Application / environmental construction		
– Cooler / freezer package: operating temperatures:		
0° F to +120° F		•
 SubZero freezer package: operating temperatures: -40° F to +120° F 		
UL classification type "EE"		•
4-function hydraulic control valve		•
Hydraulic attachment extension tubes with		
or without quick disconnect fittings		•
77.9" flat plate overhead guard		•
81.5" drive-in rack grid style overhead guard		•
Keyless start (with auxiliary key switch)		•
LED and halogen work light packages		•
LED dome / reading light		•
Basic and premium LED brake / tail / back-up light packages		•
Audible alarm – reverse operation		
(manually adjustable to 87, 97 or 102 dB)		•
Visible amber strobe light – continuous activated,		
overhead guard mounted		•
Fire extinguisher – 2.5 lb dry chemical		•
Impact monitor		•
Operator password start interlock		•
Operator daily checklist		•
System monitor – hydraulic low fluid level indicator		
and hydraulic filter service indicator		_
Programmable maintenance reminder		•
Yale Vision		•
Yale Reliant™		•
ENERGY SYSTEM	STD	OPT
Lead acid	•	
Yale Power Key		•
SUPPLEMENTAL	STD	OPT
	•	
36 Month / 6,000 hour powertrain warranty		
36 Month / 6,000 hour powertrain warranty 12 Month / 2,000 hour full truck warranty	•	

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

Yale Lift Truck Technologies P.O. Box 7367 Greenville, NC 27835-7367 U.S.A.



yale.com

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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.