

# Lithium Pallet Jack 3300lbs F4

**EP**  
Let's grow together



- Efficient pallet jack from the original creator of the Lithium pallet truck
- Priced to make manual jacks obsolete
- Compact footprint with reduced weight is perfect for retail applications
- 24V hot-swappable Lithium battery enabling continuous run time
- On-board charger for easy overnight charging
- Available in multiple fork dimensions and widths

Manufacturer			EP
Model designation			F4
Drive			Electric
Base capacity	Q	lb.	3300
Load center distance	c	in.	24
Service weight		lb.	255
Length to face of forks	l2	in.	15.7
Overall width	b1/b2	in.	27.4 (23.2)
Fork dimensions	s/e/l	in.	22x36 / 22x48 / 27x36 / 27x48
Turning radius	Wa	in.	53.5
Max. gradeability, loaded/unloaded		%	6/16
Battery voltage/nominal capacity		V/Ah	24V/20Ah Li-ion

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Distinguishing mark	1.1	Manufacturer				EP
	1.2	Model designation				F4
	1.3	Drive				Electric
	1.4	Operator type				Walkie
	1.5	Base capacity	Q	lb.		3300
	1.6	Load center distance	c	in.		24
	1.8	Load distance, center of drive axle to fork	x	in.		37.5
	1.9	Wheelbase	y	in.		46.5
	Service weight	2.1	Service weight		lb.	
2.2		Axle loading, loaded front/rear		lb.		1055/2500
2.3		Axle loading, unloaded front/rear		lb.		190/65
Tires/chassis	3.1	Tire type				Polyurethane
	3.2	Tire size, front				8.3×2.8
	3.3	Tire size, rear				2.9×3.5
	3.4	Additional wheels (castor wheels)		in.		2.8×1.2
	3.5	Wheels, number front/rear (x=drive wheels)		in.		1x, 2 Load
	3.6.1	Tread width, front	b <sub>10</sub>	in.		
	3.7.1	Tread width, rear	b <sub>11</sub>	in.		21 (16.1)
Dimensions	4.4	Lift height stroke	h <sub>3</sub>	in.		4.1
	4.9	Height of tiller handle in drive position min./max.	h <sub>14</sub>	in.		29.5/46.9
	4.15	Lowered height	h <sub>13</sub>	in.		3.2
	4.19	Overall length	l <sub>1</sub>	in.		61
	4.20	Length to face of forks	l <sub>2</sub>	in.		15.7
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	in.		27.4 (23.2)
	4.22	Fork dimensions	s×e×l	in.		22×36 / 22×48 / 27×36 / 27×48
	4.25	Fork spread	b <sub>5</sub>	in.		27 (22)
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	in.		1
4.35	Turning radius	Wa	in.		53.5	
Performance data	5.1	Travel speed, loaded/unloaded		mph		2.5/2.8
	5.2	Lifting speed, loaded/unloaded		fpm		3.3/3.9
	5.3	Lowering speed, loaded/unloaded		fpm		11.4/9
	5.8	Max. gradeability, loaded/unloaded		%		6/16
	5.10	Service brake				Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		HP		1
	6.2	Lift motor rating at S3 15%		HP		0.7
	6.4	Battery voltage/nominal capacity		V/Ah		24V/20Ah Li-ion
	6.5	Battery weight		lb.		11
	6.6	Energy consumption according to DIN EN 16796		kWh/h		0.18 <sup>1</sup>
	6.7	Turnover output according to VDI 2198		lb/h		—
	6.8	Turnover efficiency according to VDI 2198		lb/kWh		—
	Additional data	8.1	Type of drive control			
10.5		Steering design				Mechanical
10.7		Sound pressure level at the driver's ear		dB(A)		74
15.1		Charger output current		A		10

If there are improvements of technical parameters or configurations, no further notice will be given.  
The diagram shown may contain non-standard configurations.

