



# Lithium Pallet Jack 4,000lbs EPL185



- 48V removable lithium battery with metal protection cover and external charger
- Small overall footprint allows for operation in tight areas
- Variety of fork lengths and widths
- Up to 3.5 hours of continuous runtime and infinite use when used with multiple battery packs

Manufacturer			EP
Model designation			EPL185
Drive			Electric
Load capacity	Q	lb.	4000
Load center distance	c	in.	24
Service weight		lb.	390
Length to face of forks	l2	in.	15.7
Overall width	b1/b2	in.	24(27.4)
Fork dimensions	s/e/l	in.	22x26 / 22x48 / 27x36 / 27x48
Turning radius	Wa	in.	24
Max. gradeability, loaded/unloaded		%	6/16
Battery voltage/nominal capacity		V/Ah	48V/30Ah Li-ion

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Distinguishing mark	1.1	Manufacturer				EP
	1.2	Model designation				EPL185
	1.3	Drive				Electric
	1.4	Operator type				Walkie
	1.5	Base capacity	Q	lb.		4000
	1.6	Load center distance	c	in.		24
	1.8	Load distance, center of drive axle to fork	x	in.		36
	1.9	Wheelbase	y	in.		47
	Service weight	2.1	Service weight		lb.	
2.2		Axle loading, loaded front/rear		lb.		1411/2932
2.3		Axle loading, unloaded front/rear		lb.		287/88
Tires/chassis	3.1	Tire type				Polyurethane
	3.2	Tire size, front				8.3x2.8
	3.3	Tire size, rear				2.9x35
	3.4	Additional wheels (castor wheels)		in.		2.9x1.1
	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.		15.3/(21)
Dimensions	4.4	Lift height stroke	h <sub>3</sub>	in.		4.5
	4.9	Height of tiller handle in drive position min./max.	h <sub>14</sub>	in.		27.5/49.6
	4.15	Lowered height	h <sub>13</sub>	in.		3.2
	4.19	Overall length	l <sub>1</sub>	in.		63
	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.		22(27)
	4.22	Fork dimensions		in.		22x26 / 22x48 / 27x36 / 27x48
	4.25	Fork spread	b <sub>5</sub>	in.		22/27
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	in.		1.18
4.35	Turning radius	Wa	in.		54	
Performance data	5.1	Travel speed, loaded/unloaded		mph		3.1/3.4
	5.2	Lifting speed, loaded/unloaded		fpm		3.9/4.9
	5.3	Lowering speed, loaded/unloaded		fpm		12.8/6
	5.8	Max. gradeability, loaded/unloaded		%		6/16
	5.10	Service brake				Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		HP		1.2
	6.2	Lift motor rating at S3 15%		HP		1.07
	6.4	Battery voltage/nominal capacity		V/Ah		48V/30Ah Li-ion
	6.5	Battery weight		lb.		22
Drive/lift mechanism	8.1	Type of drive control				DC
	10.5	Steering design				mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)		<74
	15.1	Charger output current		A		13, 22

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

