

LITHIUM PALLET JACKS EP15SLI / EP18SLI





EP15SLI / EP18SLI

Quicker charge, Longer battery life, Superior quality, maneuverable, compact, and durable for all your material handling applications.

WEIGHT CAPACITY: 3300-4000 lbs.

LIFT HEIGHT: 7.87"

FORK LENGTH: 27x45"

TURNING RADIUS: 57.8"

BATTERY / CHARGER: LITHIUM IRON PHOSPHATE

24V/30Ah-40Ah, 24-volt

SPEED TRAVEL: 4.5 mph empty; 4.2 mph loaded

LIFTING SPEED: 1.1 ips empty; .8 ips loaded

LOWERING SPEED: Manual 1.5 ips empty; 1.5 ips loaded

DRIVE WHEELS: 9.84" x 2.91" polyurethane

LOAD WHEELS: (2) 3.15" x 3.35" polyurethane

HYDRAULICS LIFTING MOTOR: 24V 800 Watt lifting motor with hardened chrome moly steel for durability.

DRIVE MOTOR: 24V/750-Watt drive motor for efficiency and high torque.

CONTROLLER: 24V provides performance through entire range of speed; Constant travel speed regardless of

load; Battery discharge indicator combination gauge.

BRAKES: Electro-magnetic braking for secure stopping power; Electronic neutral braking for accurate control.

OPERATOR CONTROLS: Throttle, lifting, lowering, and horn functions are in the ergonomic handle; release lower handle; belly button reverse safety feature allows the unit to stop and reverse to avoid collision or initial.

injury.

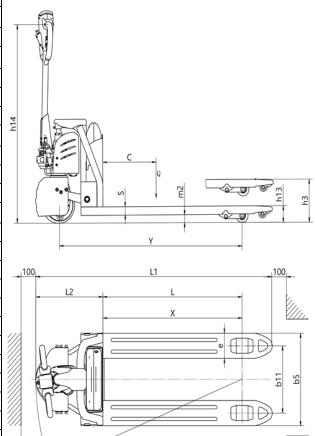
CHASSIS AND MAST: Robotic Welding; Heavy duty steel for durability.



LITHIUM PALLET JACKS



Drive type Electric Electric Manner of operation Walkie Walkie Load Capacity Q (LBS) 3300 4000 Load Centre c (Inch) 23.6 23.6 Distance between fork backrest and front wheel x (Inch) 39.92 39.92 Wheelbase y (Inch) 51.69 51.69 Service Weight (with battery) LBS 345 370 Tire material PU PU Driving wheel size Φ×w(Inch) Φ8.27×2.76 Φ8.27×2.76 Bearing wheel size Φ×w(Inch) Φ3.15×3.35 Φ3.15×3.35 Qty of wheel, Front/Rear (x=driving wheel) 1x/2 1x/2 Tread b ₁₁ (Inch) 21.06 21.06	Model		EP15SLI	EP18SLI
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Load Centre c (Inch) 23.6 23.6 Distance between fork backrest and front wheel x (Inch) 39.92 39.92 Wheelbase y (Inch) 51.69 51.69 Service Weight (with battery) LBS 345 370 The material PU PU PU Driving wheel size Φ×w(Inch) Φ8.27×2.76 Φ8.27×2.76 Bearing wheel size Φ×w(Inch) Φ3.15×3.35 Φ3.15×3.35 Qty of wheel Front/Rear (x=driving wheel) 1x/2 1x/2 1x/2 Tread 1s, (Inch) 21.06 21.06 21.06 Lifting Height h3 (Inch) 7.87 7.87 7.87 The height of handle in the operation position h14 (Inch) 29.13/45.67	-	0 (1 PC)		
Distance between fork backrest and front wheel x (Inch) 39.92 39.92 Wheelbase y (Inch) 51.69 51.69 Service Weight (with battery) LBS 345 370 Tire material PU PU PU Driving wheel size Φ×w(Inch) Φ8.27×2.76 Φ8.27×2.76 Bearing wheel size Φ×w(Inch) Φ3.15×3.35 Φ3.15×3.35 Qty of wheel. Front/Rear (x=driving wheel) 1 1x/2 1x/2 Tread b11 (Inch) 21.06 21.06 Lifting Height h3 (Inch) 7.87 7.87 The height of handle in the operation position h14 (Inch) 29.13/45.67 29.13/45.67 Lowered fork height h13 (Inch) 2.95 2.95 Overall Length h1 (Inch) 65.86 65.86 Body Length 12 (Inch) 17.83 17.83 Overall Width b1/b 2 (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97				
Wheelbase y (Inch) 51.69 51.69 Service Weight (with battery) LBS 345 370 Tire material PU PU PU Driving wheel size Φ×w(Inch) Φ8.27×2.76 Φ8.27×2.76 Bearing wheel size Φ×w(Inch) Φ3.15×3.35 Ф3.15×3.35 Qty of wheel. Front/Rear (x=driving wheel) 1x/2 1x/2 Tread b11 (Inch) 21.06 21.06 Lifting Height h3 (Inch) 7.87 7.87 The height of handle in the operation position h14 (Inch) 29.13/45.67 29.13/45.67 Lowered fork height h13 (Inch) 2.95 2.95 Overall Length 1 (Inch) 65.86 65.86 Body Length 12 (Inch) 17.83 17.83 Overall Width b1/b2 (Inch) 26.97 26.97 Fork Size s/e/I (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m2 (Inch) 1.38 1.38 <td>Load Centre</td> <td>c (Inch)</td> <td>23.6</td> <td>23.6</td>	Load Centre	c (Inch)	23.6	23.6
Service Weight (with battery)	Distance between fork backrest and front wheel	x (Inch)	39.92	39.92
PU	Wheelbase	y (Inch)	51.69	51.69
Driving wheel size Φ×w(Inch) Φ8.27×2.76 Φ8.27×2.76 Bearing wheel size Φ×w(Inch) Φ3.15×3.35 Φ3.15×3.35 Qty of wheel. Front/Rear (x=driving wheel) 1x/2 1x/2 Tread b₁₁ (Inch) 21.06 21.06 Lifting Height h₃ (Inch) 7.87 7.87 The height of handle in the operation position h₁₃ (Inch) 2.913/45.67 29.13/45.67 Lowered fork height h₁₃ (Inch) 2.95 2.95 Overall Length l₁ (Inch) 65.86 65.86 Body Length 12 (Inch) 17.83 17.83 Overall Width b₁/ b₂ (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m₂ (Inch) 1.38 1.38 Aisle width for pallets 31.5°47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) <td>Service Weight (with battery)</td> <td>LBS</td> <td>345</td> <td>370</td>	Service Weight (with battery)	LBS	345	370
Bearing wheel size Φ×w(Inch) Φ3.15×3.35 Φ3.15×3.35 Qty of wheel, Front/Rear (x=driving wheel) 1x/2 1x/2 Tread b₁₁ (Inch) 21.06 21.06 Lifting Height h3 (Inch) 7.87 7.87 The height of handle in the operation position h₁₄ (Inch) 29.13/45.67 29.13/45.67 Lowered fork height h₁₃ (Inch) 2.95 2.95 Overall Length l₁ (Inch) 65.86 65.86 Body Length l2 (Inch) 17.83 17.83 Overall Width b₁/ b₂ (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m₂ (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability lo	Tire material		PU	PU
Qty of wheel. Front/Rear (x=driving wheel) 1x/2 1x/2 Tread b ₁₁ (Inch) 21.06 21.06 Lifting Height h3 (Inch) 7.87 7.87 The height of handle in the operation position h ₁₄ (Inch) 29.13/45.67 29.13/45.67 Lowered fork height h ₁₃ (Inch) 2.95 2.95 Overall Length l ₁ (Inch) 65.86 65.86 Body Length l ₂ (Inch) 17.83 17.83 Overall Width b ₁ /b ₂ (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m ₂ (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability loa	Driving wheel size	Φ×w(Inch)	Ф8.27×2.76	Ф8.27×2.76
Tread b₁₁ (Inch) 21.06 21.06 Lifting Height h3 (Inch) 7.87 7.87 The height of handle in the operation position h₁₄ (Inch) 29.13/45.67 29.13/45.67 Lowered fork height h₁₃ (Inch) 2.95 2.95 Overall Length l₁ (Inch) 65.86 65.86 Body Length l2 (Inch) 17.83 17.83 Overall Width b₁/ b₂ (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m₂ (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type <td< td=""><td>Bearing wheel size</td><td>Φ×w(Inch)</td><td>Ф3.15×3.35</td><td>Ф3.15×3.35</td></td<>	Bearing wheel size	Φ×w(Inch)	Ф3.15×3.35	Ф3.15×3.35
Lifting Height	Qty of wheel, Front/Rear (x=driving wheel)		1x/2	1x/2
The height of handle in the operation position h_{14} (Inch) 29.13/45.67 29.13/45.67 Lowered fork height h_{13} (Inch) 2.95 2.95 Overall Length l_1 (Inch) 65.86 65.86 Body Length 12 (Inch) 17.83 17.83 Overall Width b_1/ b_2 (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m_2 (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed, load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) /	Tread	b ₁₁ (Inch)	21.06	21.06
Lowered fork height h₁₃ (Inch) 2.95 2.95 Overall Length l₁ (Inch) 65.86 65.86 Body Length l2 (Inch) 17.83 17.83 Overall Width b₁/ b₂ (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m₂ (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lift Motor (V/Ah) 24/30 24/40	Lifting Height	h3 (Inch)	7.87	7.87
Overall Length I₁ (Inch) 65.86 65.86 Body Length 12 (Inch) 17.83 17.83 Overall Width b₁/ b₂ (Inch) 26.97 26.97 Fork Size s/e/I (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m₂ (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lift Motor (kW) / / Lift Motor (kW) / / Lif	The height of handle in the operation position	h ₁₄ (Inch)	29.13/45.67	29.13/45.67
Descript	Lowered fork height	h ₁₃ (Inch)	2.95	2.95
Overall Width b ₁ /b ₂ (Inch) 26.97 26.97 Fork Size s/e/l (Inch) 1.97/5.91/45 1.97/5.91/45 Fork Width b5 (Inch) 26.97 26.97 Min.Ground clearance m ₂ (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed. load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lift Motor (kW) / / Lift Motor (kW) 0.75 0.75 Lift Motor (V/Ah) 24/30 24/40 Battery voltage/rate capacity (V/Ah) 24/30 24/40 <	Overall Length	l ₁ (Inch)	65.86	65.86
Section Sect	Body Length	l2 (Inch)	17.83	17.83
Fork Width	Overall Width	b ₁ / b ₂ (Inch)	26.97	26.97
Min.Ground clearance m2 (Inch) 1.38 1.38 Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 Aisle width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed, load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lift Motor (kW) / / Lift more Phosphate LiFeP04 Battery, according to DIN 43531/35/36 A,B,C,no no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC DC	Fork Size	s/e/l (Inch)	1.97/5.91/45	1.97/5.91/45
Aisle width for pallets 39.37*47.24 crossways Ast (Inch) 73.78 73.78 73.78 73.78 75.75 75.75 75.75 75.75 75.75 75.75 75.76 Turing Radius Wa (Inch) 75.78 75.78 Driving Speed, load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / Lithium Iron Phosphate LiFePO4 Battery, according to DIN 43531/35/36 A,B,C,no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC	Fork Width	b5 (Inch)	26.97	26.97
Asis width for pallets 31.5*47.24 lengthways Ast (Inch) 75.75 Turing Radius Wa (Inch) 57.8 57.8 Driving Speed, load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / Lithium Iron Phosphate LiFeP04 Battery, according to DIN 43531/35/36 A,B,C,no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC	Min.Ground clearance	m ₂ (Inch)	1.38	1.38
Turing Radius Wa (Inch) 57.8 57.8 Driving Speed, load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lithium Iron Phosphate LiFePO4 Battery, according to DIN 43531/35/36 A,B,C,no no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC DC	Aisle width for pallets 39.37*47.24 crossways	Ast (Inch)	73.78	73.78
Driving Speed, load/unload (km/h) 4.2/4.5 4.2/4.5 Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lithium Iron Phosphate LiFePO4 Battery, according to DIN 43531/35/36 A,B,C,no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC	Aisle width for pallets 31.5*47.24 lengthways	Ast (Inch)	75.75	75.75
Maximum gradeability load/unload (%) 5/10 5/10 Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lithium Iron Phosphate LiFePO4 Battery, according to DIN 43531/35/36 A,B,C,no no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC DC	Turing Radius	Wa (Inch)	57.8	57.8
Brake Type Electromagnetic brake Electromagnetic brake Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lithium Iron Phosphate LiFeP04 Battery, according to DIN 43531/35/36 A,B,C,no no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC	Driving Speed,load/unload	(km/h)	4.2/4.5	4.2/4.5
Drive Motor (kW) 0.75 0.75 Lift Motor (kW) / / Lift Motor (kW) / / Lift Motor (kW) / / Lift Motor 0 0 0 Lift Motor 0 0 0 no no no 0 Battery Lift Poly Age (rate capacity) (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC DC	Maximum gradeability load/unload	(%)	5/10	5/10
Lift Motor (kW) / / Lithium Iron Phosphate LiFePO4 Battery, according to DIN 43531/35/36 A,B,C,no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC DC	Brake Type		Electromagnetic brake	Electromagnetic brake
Lithium Iron Phosphate LiFePO4 Battery, according to DIN 43531/35/36 A,B,C,no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC	Drive Motor	(kW)	0.75	0.75
according to DIN 43531/35/36 A,B,C,no no no Battery voltage/rate capacity (V/Ah) 24/30 24/40 Battery Weight (±5%) LBS 17 22.4 Type of drive control DC DC	Lift Motor	(kW)	/	/
BatteryWeight (±5%)			no	no
Type of drive control DC DC	Battery voltage/rate capacity	(V/Ah)	24/30	24/40
	Battery Weight (±5%)	LBS	17	22.4
Noise level (dB(A)) ≤70 ≤70	Type of drive control		DC	DC
	Noise level	(dB(A))	≤70	≤70



MODEL#	LOAD CAPACITY	FORKS	BATTERY	SERVICE WEIGHT
EP15SLI	3300lbs	27x45	24V/30Ah	345lbs
EP18SLI	4000lbs	27x45	24V/40Ah	370lbs

