

EKKO

MATERIAL HANDLING EQUIPMENT

MOVING AHEAD

FULL POWERED STRADDLE STACKER

EB13E-Li / EB13E-138Li / EB13E-145Li

- LITHIUM LiFePO4
- 2800 lbs. Capacity
- 119 / 138 / 145 in. Lift Height
- Narrow Aisles 7 ft.
- Adjustable Legs 45.5-59.1 in.
- Adjustable Forks 8.3-33.5 in.
- 24V Drive Motor
- Curtis Instrument Controller
- Lithium Iron Phosphate Battery,
Charger Included
- 3 Year Limited Warranty



www.ekkolifts.com

EB13E-Li / EB13E-138Li / EB13E-145Li

Superior quality, maneuverable, compact, and durable for all your material handling applications. Ideal for small aisles and areas.

WEIGHT CAPACITY: 2800 lbs. @ 24" load center

LIFT HEIGHT: 119" / 138" / 145"

FORK LENGTH: 45.3"

ADJUSTABLE OUTRIGGERS: 45.7" - 59.1"

ADJUSTABLE FORKS: 8.3" - 33.5"

MAST HEIGHT: 82"

TURNING RADIUS: 52.6"

BATTERY / CHARGER: LITHIUM IRON PHOSPHATE
24V/50Ah, internal direct connect 110A 110VAC
plug-in automatic 24V/15A charger (both Included)

SPEED TRAVEL: 3.3 mph empty; 3.0 mph loaded

LIFTING SPEED: 5.35 ips empty; 3.6 ips loaded

LOWERING SPEED: 3.85 ips empty; 4.4 ips loaded

DRIVE WHEELS: 9" x 3" polyurethane

LOAD WHEELS: (2) 4" x 3" polyurethane per outrigger

HYDRAULICS LIFTING MOTOR: 24V 2200 Watt lifting motor with hardened chrome moly steel for durability.

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

AC CONTROLLER: 24V CURTIS Instrument 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, turtle mode and horn functions are located in the ergonomic handle; Offset steering handle to provide better visibility; Belly button reverse safety feature allows the unit to stop and reverse to avoid collision or injury.

CHASSIS AND MAST: Robotic Welding; Heavy duty steel chassis with I-beam mast for durability; Telescoping mast includes a protective steel guard.

LITHIUM STRADDLE STACKER



Model		EB13E-Li
Power unit		Straddle stacker
Operate type		Electric
Load capacity	Q (LBS)	2800
Load Center	c (Inch)	24
Axle center to fork face	x (Inch)	28
Wheel Base	y (Inch)	45.4
Service weight	LBS	1325
Tyres		Polyurethane wheels
Lowered mast height	h1 (Inch)	82
the max Lift height	h3 (Inch)	119
Extended mast height	h4 (Inch)	135
Operating handle height at drive position (min/Max)	h14 (Inch)	34.25/47.24
Lower fork height	h13 (Inch)	2.35
Overall Length	l1 (Inch)	70
Length to Fork face	l2 (Inch)	23.82
Fork Dimension:	s/e/l (Inch)	1.38/3.94/45.28
Outside width between two fork	b5 (Inch)	8.3-33.5
Min ground clearance	m2 (Inch)	0.95
Turning radius	Wa (Inch)	52.6
Travel speed, laden/unladen	km/h	4.0/4.2
Lift speed, laden/unladen	m/s	92/136
Lowering speed. Laden/unladen	m/s	112/98
Maximum climbing ability Laden/unladen	%	6/8
Service brake		Electromagnetic
Life motor	kw	2.2
Driving motor	kw	0.75
Steering motor	kw	/
Battery according to Din 43531/35/36 a,b,c		no
Lithium Iron Phosphate LiFePO4 Battery voltage, nominal capacity	v/ah	24V/50AH
battery weight	LBS	29
Type of control		DC
Noise level at operator's ear		69
Steering type		Mechanical



MODEL #	MAST	LIFT HEIGHT	MAX MAST HEIGHT	SERVICE WEIGHT
EB13E-Li	82"	119"	135"	1325 lbs
EB13E-138Li	91.7"	138"	159.4"	1365 lbs
EB13E-145Li	95.7"	145"	167"	1390 lbs