

Lithium Powered Forklift

EK25T-LI / EK40T-LI

- 5000 - 8000 lbs. load capacity
- Lift height 185"
- Free Lift 38-43.7"
- Lowered Mast Height 83-86"
- Solid Pneumatic Tires
- Battery 80V-202Ah, 80V-230Ah
- 3 Phase 480V Charger
(Optional 110V)
- AC Drive Motor
- Cascade Side Shift & Tilt
- INMOTION Controller
- Shimadzu 4-Way Valve



Model		EK25T-LI	EK40T-LI
Load capacity	lb	5000	8000
Load center	in	24	24
Power unit		Lithium Battery	Lithium Battery
Operator type		Driver/seat	Driver/seat
Tire type		Solid	Solid
Wheel(x=driving) (Front/Rear)		2X/2	2X/2
Max. lifting height (VFSM470)	in	185	185
Free lift (VFSM470)	in	43.7	38
Fork size L/W/T	in	42.1x4.8X1.5	42.1x6.1X1.9
Tilt range (forward/back)	deg	6/6	6/6
Overall length(without fork)	in	90	109.3
Total width	in	45.2	54.3
Mast height (fork lowering)	in	83	86
Overall height fork raised w/ backrest	in	158.6	234.6
Height to head guard	in	84.4	88.6
Turning radius(outside)	in	78.7	98.4
Load distance	in	17.5	19.1
Min. right angle stacking aisle	in	96.3	117.5
Speed, Max Travelling full load	mi/h	8.4	7.5
Speed, Max Travelling no load	mi/h	9	8.7
Lifting full load	in/s	9.4	8.7
Lifting no load	in/s	17.7	16.1
Gradeability - full load	%	12.5	12.5
Truck weight(with standard battery)	lb	8900	11800
Tire Number	front/rear	2/2	2/2
Tire Model	front	21*8-9-16PR	250-15-16PR
Tire Model	rear axle	18*7-8-14PR	18*7-8
Wheelbase	in	55	71
Tread (front/rear)	in	37.6/37.4	44.9/37.4
Ground Clearance at mast	in	4.3	5.5
Service Brake		Hydraulic-foot pedal	Hydraulic-foot pedal
Parking Brake		Mechanical-hand lever	Mechanical-hand lever
Battery	V/AH	80V-202AH	80V-230AH
Battery weight	lb.	2080	3150
AC Drive Motor	kw	11	16.6
AC Hydraulic Lifting Motor	kw	13	13.4