



LK135EL

LIFTKING
Manufacturing Corp.



ELECTRIC FORKLIFT





LK135EL | Multi Purpose Electric Forklift

13.5k is the new 12k

Liftking's LK135EL forklift has been engineered from the ground up to provide the highest capacity within the smallest footprint. Utilizing a very efficient design, a capacity of 13,500 lbs is now available in a machine no larger than a typical 12,000 lb model.

With these compact dimensions, there is no need to modify existing warehouse aisle width or layout. The ability to operate inside a standard ISO container has been an original design criteria, as well as racking paper rolls 3-high.

Now that Liftking has achieved the benefits of high capacity with small size – why limit your capabilities with anything else?

The features you need

- Compact size with high capacity
- Excellent maneuverability
- Dual AC drive motors with high tractive force
- Dedicated AC lift motor
- Full electronic speed and steering control
- Hydraulic over electric function controls
- High capacity 80V battery
- Ergonomic and functional cab
- Maintenance points designed for easy access



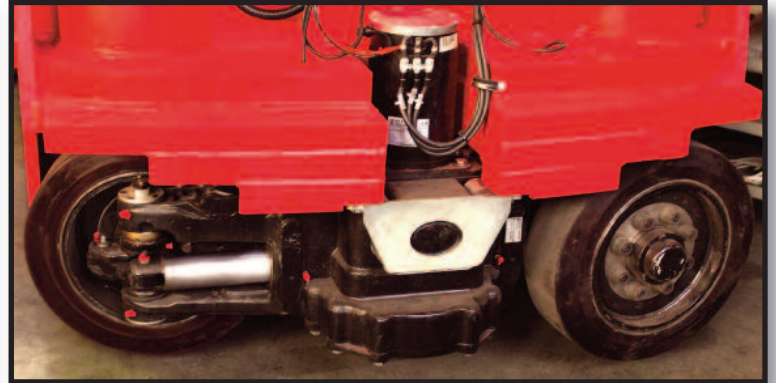
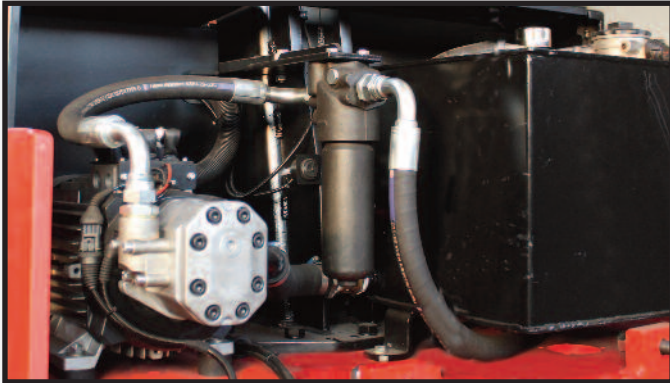
Fully digital controls with full customization.



FOPS T-bar roof provides maximum visibility.



Easy access battery and hydraulic controls.

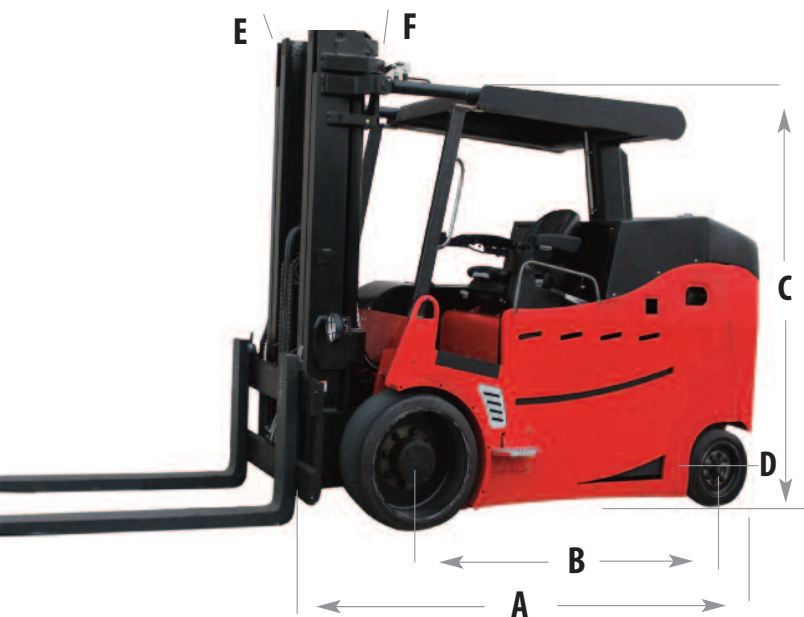


Efficient digital control for all motors. Dual drive motors feature continuous differential drive.

Electric vs Diesel Cost Comparison



The Liftking LK135EL delivers 12.5% increased capacity vs 12,000 lb model – with NO increase in size!



QUICK SPECS	Ref	LK135EL
Lift capacities @ 24 inch load centre		13,500 lbs (6125kg)
Overall length (without forks)	A	121 in (3075 mm)
Overall width		60 in (1520 mm)
Wheelbase	B	83 in (2115 mm)
Height to top of overhead guard	C	88 in (2230 mm)
Ground Clearance (at rear axle)	D	5 in (130 mm)
Mast Tilt - Forward	E	6°
Mast Tilt - Backward	F	8°
Turn Radius, Outside		95 in (2406 mm)
Travel speed		16 mph (10 kph)
Gradeability		15%

LK135EL Specifications

Rated load capacity	Nominal load	lbs / kg	13,500 / 6125
Load center	Distance from fork face	in / mm	24 / 600
Lifting with telescopic mast	lift height	in / mm	208 / 5300
	standard free lift	in / mm	0
	special free lift (upon request)	in / mm	68 / 1720
Carriage	width	in / mm	60 / 1520
Forks	length (L) (x width x thickness)	in / mm	48 (8 x 3) / 1200 (x 200 x 76)
Mast tilt	forward a / backward b	Degrees	6°/8°
Dimensions	length to fork face **	in / mm	121 / 3075
	width	in / mm	60 / 1520
	height of mast lowered	in / mm	101 / 2579
	height of mast extended	in / mm	240 / 6100
	height of overhead guard	in / mm	88 / 2230
	height of driver seat	in / mm	54 / 1370
Turning radius	minimum	in / mm	95 / 2406
Distance	axle center to fork face **	in / mm	27 / 680
Aisle width	with pallet Cx2 long (line 4) * **	in / mm	177 / 4486
Speed	driving with/without load	mph/Kmh	7 / 10 12 / 16
	lifting with/without load	f/s m/s	0.623 / 0.984 0,19 / 0,30
	lowering with/without load	f/s m/s	1.640 / 1.312 0,50 / 0,40
Tractive force	nominal 60 in (1524 mm) with/without load	N	7900 / 9000
Max. tractive force	for 5 in (125 mm) with/without load	N	21600 / 22700
Climbing ability	nominal 30 in (762 mm) with/without load	%	9 / 15
Max. climbing ability	for 60 in (1524) mm with/without load	%	16 / 28
Acceleration time	over 35 ft (10 m) with/without load	s	5 / 4,5
Service weight	battery included	lbs / kg	24,294 / 11020
Axle load approximate	with load front/rear	lbs / kg	35,273 / 2358 16000/1070
	without load front/rear	lbs / kg	13,955 / 10,471 6330 / 4750
Tires	Type		Cushion
	Wheels front/rear (*traction)	Nr.	*2 / 2
	size-front	in / mm	28 x 14.2 x 22 / 711 x 360 x 559
	size-rear	in / mm	18 x 5 x 12.1 / 457 x 127 x 307,5
Wheelbase		in / mm	83 / 2115
Track width	wheel center front / rear	in / mm	46 (1170) 35.4 (900)
Ground clearance	with load lower point	in / mm	5 / 130
	with load center of wheelbase	in / mm	4.3 / 110.
Service brake	Type		hydraulic/electric
Parking brake	pedal, hand operated		mechanical
Power steering	digital control		standard
Battery	voltage	V	80
	capacity 5 h	Ah	960
	minimum weight	lbs / Kg	6615 3300
Electric motors	drive motor power, S2=60' rating	hp / KW	2 x 19 / 2 x 14
	lift motor power, S3=20% rating	hp / KW	27 / 20
Speed control	continuous		electronic
Operating pressure	for attachments	psi / bar	2320 / 160

* (a = 7.9 in / 200 mm) ** with side shifter

STANDARD EQUIPMENT:

Heavy Duty Clearview Roller Mast with Dual Chains
 • Dual motor continuous differential drive • Brushless drive, pump, and steer motors, with digital controls
 • FOPS Operator compartment • Digital display showing vehicle systems status • Password protected technician access to vehicle electronics • Adjustable vinyl suspension seat with arm rests and retractable safety belt
 • Power Steering • Wide-grip Handrails • Wide steps • Hydraulic Oil Level Gauge • Automatic Backup alarm • Front & Rear fenders • Operator, maintenance and illustrated parts manuals • 1 Year 2000 hours limited warranty (2 year battery warranty).

OPTIONAL EQUIPMENT:

Various mast/carriage/fork types and sizes • Various attachments • Additional lighting • Auxiliary hydraulics • Vehicle shutdown protection • CCTV camera • Deadman seat • Safety-Start Seatbelt • Heated Mirrors • Anti-static ground strap • Fire extinguisher • Convenience package including sunvisor, cupholder, USB phone charger, 12V outlet and ventilation fans • CD/Radio • Enclosed all weather operator cab • Air Conditioning • Air ride suspension seat • Pintle Hook/Trailer Hitch • Contact dealer for other options.

INDUSTRY APPLICATIONS:

- Paper and Newsprint
- Ports and Container Cargo Handling
- Automotive Manufacturing
- Lumber Warehouse
- Steel Making
- Food and Beverage



Liftking is ISO 9001:2008 registered (EN ISO 9001:2008; BS EN ISO 9001:2008; ANSI/ASQ Q9001:2008)

Liftking reserves the right to make changes in specifications shown, herein, and improvements, or discontinue manufacture at any time without notice or obligation. The information contained herein is general in nature and is not intended for specific application purposes.

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