Logisnext
Forklifts





ESSENTIAL

3,000-7,000LB. CAPACITY

3-WHEEL & 4-WHEEL ELECTRIC FORKLIFTS



Performance You Can Count On.

When operations depend on consistent performance, dependable equipment matters. Built to support everyday material handling demands, Logisnext electric forklifts combine maneuverability, productivity, and durability in a practical package designed for warehouses, distribution centers, manufacturing facilities, and outdoor applications. Available in both 3-wheel and 4-wheel configurations, these trucks deliver the flexibility to navigate tight aisles, load trailers, move pallets, and support a wide range of material handling tasks across your operation.

Electric
POWER

Optimal battery efficiency.

3,000-7,000lb
CAPACITY

Dependable operation.

Up to 160 inches
LIFT HEIGHT

Efficient lifting.

Indoor/Outdoor
ENVIRONMENT

Smooth handling.

One Source. One Complete Solution.

Providing complete material handling solutions through an extensive dealer network, aftermarket support, financing options, and a broad portfolio of equipment designed to help lower total cost of ownership.



Precision

Responsive steering, excellent visibility, and intuitive controls help operators confidently position loads and navigate crowded work environments. Available side shift and fork positioning options further improve handling efficiency throughout the workday.



Productivity

Designed to keep operations moving with lithium-ion power, opportunity charging capability, and efficient AC drive technology. Multiple mast options, strong lift performance, and dependable run times help maximize throughput and reduce interruptions.

Durability

Engineered with durable components and robust construction to withstand the rigors of daily operation. Protective component sealing and super-elastic tires help maintain performance in both indoor and outdoor applications.

Control

Operators benefit from familiar controls, ergonomic design, and available fingertip hydraulic controls. A spacious operating compartment and clear instrumentation help support confident decision-making throughout every shift.

Designed To Deliver.

Lower Cost of Ownership
- Lithium-ion batteries eliminate watering and battery maintenance.
- Opportunity charging helps reduce downtime between shifts.
- Simplified service access supports faster maintenance.
- Durable construction helps minimize repair requirements.
- Super-elastic tires provide long service life and reduced vibration.
- Available cold storage package supports operation in demanding environments.

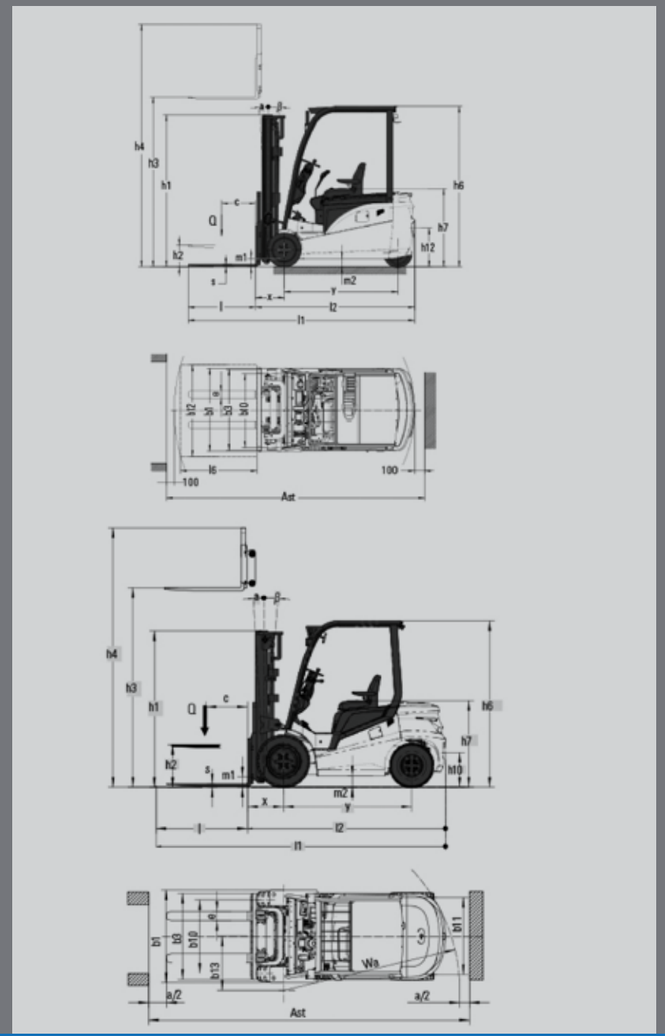
Consistent Productivity
Available in both 48V and 80V configurations, these trucks provide the performance necessary for everyday handling tasks across multiple operating environments.
- Fast onboard charging capability
- Optional increased travel and lift speeds
- Standard side shift functionality
- Multiple mast configurations available
- Dependable AC drive technology
- Indoor and outdoor operating flexibility





Comfort
- Suspension seat
- Spacious operator compartment
- Low-effort controls
- Optional premium seat
- Reduced vibration through super-elastic tires

Safety
- Rear blue spot light
- Strobe beacon
- Reverse warning alarm
- Rear-view mirror
- Available windshield and wiper package
- Excellent all-around visibility
- Lithium-ion power eliminates charging fumes and acid exposure associated with traditional lead-acid batteries



Call-out numbers shown in the diagram correspond to the first column of the specifications chart.

Designed Around The Operator
A productive operation starts with operator confidence. Logisnext electric forklifts are equipped with features that help promote comfort, visibility, and awareness throughout the workday.

Safety Standards
These trucks are CE certified and meet the applicable European safety requirements.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

3-Wheel / 4-Wheel Electric

ESSENTIAL

Characteristics			FB16T-ESL		FB20T-ESL		FB25-ESL		FB30-ESL		FB35-ESL	
Drive (battery, diesel, petrol, fuel gas, manual)			Battery		Battery		Battery		Battery		Battery	
Type of operation (hand, pedestrian, standing, seated, order picker)			Seated		Seated		Seated		Seated		Seated	
Load capacity at rated load center	lb	*kg*	3,000	*1,600*	4,000	*2,000*	5,000	*2,500*	6,000	*3,000*	7,000	*3,500*
Load center distance	in	*mm*	20	*500*	20	*500*	20	*500*	20	*500*	24	*600*
Load distance, axle to fork face	in	*mm*	14.6	*372*	14.8	*377*	18.6	*473*	18.8	*478*	18.8	*483*
Wheelbase	in	*mm*	53.5	*1,360*	58.7	*1,490*	64.2	*1,630*	66.9	*1,700*	69.3	*1,760*
Weights			**FB16T-ESL**		**FB20T-ESL**		**FB25-ESL**		**FB30-ESL**		**FB35-ESL**	
Truck weight, without load / incl. battery (simplex, lowest lift height)	lb	*kg*	6,834	*3,100*	7,760	*3,520*	8,378	*3,800*	9,436	*4,280*	10,780	*4,890*
Axle loading - maximum load, front / rear (simplex, lowest lift height)	lb	*kg*	9,215 / 1,146	*4,180 / 520*	10,825 / 1,345	*4,910 / 610*	12,478 / 1,411	*5,660 / 640*	14,395 / 1,653	*6,530 / 750*	17,216 / 1,940	*7,810 / 880*
Axle loading - unloaded, front / rear, front / rear (simplex, lowest lift height)	lb	*kg*	3,285 / 3,550	*1,490 / 1,610*	3,748 / 4,012	*1,700 / 1,820*	3,571 / 4,806	*1,620 / 2,180*	4,542 / 4,894	*2,060 / 2,220*	4,145 / 6,636	*1,880 / 3,010*
Chassis			**FB16T-ESL**		**FB20T-ESL**		**FB25-ESL**		**FB30-ESL**		**FB35-ESL**	
Tires			Super elastic		Super elastic		Super elastic		Super elastic		Super elastic	
Tire dimensions, front			18x7-8		200/50-10		7.00-12-12PR		28x9-15-14PR		28x9-15-14PR	
Tire dimensions, rear			15x4.5/-8		15x4.5/-8		18x7-814PR		6.50-10-10PR		6.50-10-10PR	
Wheels, number front / rear (x = driven wheels)			2x/2		2x/2		2x/2		2x/2		2x/2	
Track width (center of tires), front	in	*mm*	35.5	902	35.5	902	38.3	*973*	39.5	*1,004*	39.5	*1,004*
Track width (center of tires), rear	in	*mm*	7.4	*187*	7.4	*187*	37.8	*960*	38.7	*982*	38.7	*982*
Dimensions			**FB16T-ESL**		**FB20T-ESL**		**FB25-ESL**		**FB30-ESL**		**FB35-ESL**	
Mast tilt, forwards / backwards	α/β°		5 / 7		5 / 7		6 / 10		6 / 10		6 / 10	
Height with mast lowered	in	*mm*	78.5	*1,995*	78.5	*1,995*	81.5	*2,070*	81.5	*2,070*	86	*2,185*
Free lift	in	*mm*	4.9	*125*	4.9	*125*	5.3	*135*	5.5	*140*	5.7	*145*
Lift Height	in	*mm*	118.1	*3,000*	118.1	*3,000*	118.1	*3,000*	118.1	*3,000*	118.1	*3,000*
Overall height with mast raised	in	*mm*	155.7	*3,955*	155.7	*3,955*	156.4	*3,974*	160.6	*4,079*	160,6	*4,079*
Height to top of overhead guard	in	*mm*	82.7	*2,100*	82.7	*2,100*	86.6	*2,200*	86.6	*2,200*	86.6	*2,200*
Seat height	in	*mm*	39.6	*1,005*	39.6	*1,005*	42.9	*1,090*	44.5	*1,130*	44.5	*1,130*
Tow coupling height	in	*mm*	18.3	*465*	18.3	*465*	18.5	*470*	22.8	*580*	22.8	*580*
Overall length	in	*mm*	113	*2,870*	124.2	*3,155*	139.4	*3,540*	145.2	*3,688*	150.3	*3,818*
Length to fork face (includes fork thickness)	in	*mm*	76.8	*1,950*	82.1	*2,085*	97.2	*2,470*	103.1	*2,618*	108.2	*2,748*
Overall width	in	*mm*	42.7	*1,084*	42.7	*1,084*	45.3	*1,150*	48.4	*1,230*	48.4	*1,230*
Fork dimensions (thickness, width, length)	in	*mm*	1.4 / 3.9 / 45.3	*35 / 100 / 1,150*	1.6 / 3.9 / 45.3	*40 / 100 / 1,150*	1.6 / 4.8 / 45.3	*40 / 122 / 1,150*	1.8 / 4.9 / 45.3	*45 / 125 / 1,150*	2.0 / 4.9 / 45.3	*50 / 125 / 1,150*
Fork carriage width	in	*mm*	40.9	*1,040*	40.9	*1,040*	40.9	*1,040*	43.3	*1,100*	43.3	*1,100*
Ground clearance under mast, with load	in	*mm*	4.1	*105*	4.1	*105*	5.3	*135*	5.5	*140*	5.7	*145*
Ground clearance at center of wheelbase, with load (forks lowered)	in	*mm*	4.1	*105*	4.1	*105*	5.9	*150*	5.9	*150*	5.9	*150*
Working aisle width with 1000 x 1200mm pallets, crosswise	in	*mm*	128.6	*3,268*	134	*3,403*	153.7	*3,903*	159	*4,039*	163.5	*4,153*
Working aisle width with 800 x 1200mm pallets, lengthwise	in	*mm*	133.6	*3,393*	138.8	*3,527*	161.5	*4,103*	166.8	*4,238*	171.4	*4,353*
Turning radius	in	*mm*	61.8	*1,570*	66.9	*1,700*	87.8	*2,230*	92.9	*2,360*	97.2	*2,470*
Performance			**FB16T-ESL**		**FB20T-ESL**		**FB25-ESL**		**FB30-ESL**		**FB35-ESL**	
Travel speed, loaded/unloaded	mph	*km/h*	8.7 / 9.3	*14 / 15*	8.1 / 9.3	*13 / 15*	8.7 / 9.3	*14 / 15*	8.7 / 9.3	*14 / 15*	8.1 / 8.7	*13 / 14*
Lift speed, loaded/unloaded	fpm	*m/s*	63 / 83	*0.32 / 0.42*	59 / 83	*0.30 / 0.42*	59 / 79	*0.3 / 0.4*	59 / 79	*0.3 / 0.4*	55 / 75	*0.28 / 0.38*
Lowering speed, loaded/unloaded	fpm	*m/s*	<118	*<0.6*	<118	*<0.6*	<118	*<0.6*	<118	*<0.6*	<118	*<0.6*
Maximum drawbar pull, loaded / unloaded	lbf	*N*	1,911 / 1,753	*8,500 / 7,800*	1,979 / 1,798	*8,800 / 8,000*	2,922 / 3,147	*13,000 / 14,000*	3,147 / 3,372	*14,000 / 15,000*	3,147 / 3,372	*14,000 / 15,000*
Max. gradeability, loaded/unloaded	%		15 / 20		13 / 18		15 / 15		15 / 15		15 / 15	
Service brake	type		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic	
Motors			**FB16T-ESL**		**FB20T-ESL**		**FB25-ESL**		**FB30-ESL**		**FB35-ESL**	
Drive motor capacity (60 min. short duty)	*kW*		4.5 x 2		4.5 x 2		16		16		16	
Lift motor output at 15% duty factor	*kW*		8.6		8.6		16		16		16	
Battery to DIN 43531 / 35 / 36 A, B, C, no			Li-ion		Li-ion		Li-ion		Li-ion		Li-ion	
Battery voltage, nominal capacity	V/Ah		48 / 206		48 / 206		80 / 277		80 / 277		80 / 277	
Energy consumption acc. to DIN EN 16796	kWh/h		4.26		4.76		6.43		7.01		7.78	
Other			**FB16T-ESL**		**FB20T-ESL**		**FB25-ESL**		**FB30-ESL**		**FB35-ESL**	
Type of drive control			AC		AC		AC		AC		AC	
Maximum operating pressure for attachments	Mpa		17.5		17.5		17.5		17.5		17.5	
Oil flow for attachments	l/min		36		36		36		36		36	
Noise level, value at operator's ear (EN 12053)	dB(A)		73		73		74		74		74	

Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Logisnext Americas Inc. (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your truck.

Logisnext Forklifts

3-Wheel / 4-Wheel Electric Forklifts

3,500 – 7,700 LB. CAPACITY

ESSENTIAL

Full-Service Material Handling Solutions

- More than 100 years of collective experience
- Supported by more than 700 experienced dealer locations across North, Central, and South America
- Complete fleet management, digital solutions, financing and comprehensive product support



An Aftermarket Partnership

24/7 Online Parts Access

Extensive Parts Availability

Expert Dealer Service & Support

Dependable Warranty Coverage

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