

- Tailift's Commitment & Vision**
- To be a strong partner
 - Provide the toughest trucks for even the most challenging applications
 - Environmentally friendly with less emissions and the lowest fuel consumption
 - To extend customer service worldwide to satisfy all customer need

1.5-3.0ton
ELECTRIC FORKLIFT TRUCKS



CE ISO9001:2008

Tailift Group

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DOC. S/N: DEB032 Edition:03

1.5-3.0 ton Tailift Electric Forklift Trucks

Model			FBT15	FBT18	FB15	FB18	FB20	FB25	FB30
Capacity	Q	Load	lbs 3000	3500	3000	3500	4000	5000	6000
Load center	C	Distance	in 24	24	24	24	24	24	24
Lift at 2-stage mast	M2	Lift (max. Fork height)	in 130	130	130	130	130	130	130
Standard free lift	M2	Standard free lift (Forward) / Backlift	in 5.5	5.5	5.5	5.7	5.7	5.9	5.9
Mast tilting angle		deg 6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6
Overall Dimension	L2	Length to face of forks	in 76.4	77.2	82.5	82.5	91.7	91.7	96.5
	B	Total width	in 42.4	43.9	47.2	47.2	49.6	49.6	49.6
	b0	Overhead guard height	in 81.5	80.6	80.6	80.6	80.6	80.6	80.6
	b1	Mast height lowered	in 78.0	78.1	78.1	78.1	78.1	78.1	78.1
	b2	Mast height extended	in 166.1	166.1	166.1	166.1	166.1	166.1	166.1
Load bracket	L3	Seat Height	in 40.0	40.0	40.0	40.0	40.0	40.0	40.0
	b8	Height of load bracket	in 48.0	48.0	48.0	48.0	48.0	48.0	48.0
	R	Thickness (x Width (x Length))	in 1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1
	R	Turning radius	in 61.8	62.6	73.2	73.2	81.7	81.7	86.4
	N	From center of front axle	in 14.6	14.6	15.7	15.7	17.7	17.7	18.1
Load distance	N	From center of front axle	in 14.6	14.6	15.7	15.7	17.7	17.7	18.1
Axle width	AS	For load 800x1200 / 1000x1200	in 115.7/123.4/16.5/124.4	128.3/129.5/125.3/125.3	128.3/129.5/125.3/125.3	128.3/129.5/125.3/125.3	128.3/129.5/125.3/125.3	128.3/129.5/125.3/125.3	128.3/129.5/125.3/125.3
Ground clearance	m1	at lowest point	in 3.9	4.1	4.1	4.1	4.1	4.1	4.1
Travel speed	m2	Center of wheelbase	in 3.9	4.1	4.1	4.1	4.1	4.1	4.1
		with load / without load	mph 8.4/8.7	8.1/8.7	8.4/8.7	8.1/8.7	7.8/8.7	7.4/8.7	7.4/8.7
		with load / without load	mm/s 12.6/18.5	11.8/18.5	12.6/18.5	11.8/18.5	12.2/19.7	11.4/19.7	10.2/17.7
		with load / without load	mm/s 18.5/21.7	18.5/21.7	18.5/21.7	18.5/21.7	18.5/19.7	18.5/19.7	18.5/19.7
	MAX	with load / without load	N/A	14000	13000	10500	10200	10200	12100
Gradability		with load / without load	% 18/21	17/20	18/21	17/20	16/21	14/19	15/18
Service brake		operation control	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
Parking brake		operation control	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic
Service weight		included min. weight battery (see item 45)	lbs 6644	6996	6556	6996	8228	9106	10460
Axle loading		with load (front / rear)	lbs 4675/1269	4605/1241	4657/1199	4746/1120	1242/1381	1136/2410	1310/1815
Wheel type		without load (front / rear)	lbs 3240/3395	3274/3720	3157/3399	3111/3885	4136/4692	4114/5082	4705/5076
Wheel (X driven)		S-Solid, P-Pneumatic	front/rear	Solid	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Number		2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
Front		18x7.8	21x8.0-14PR	21x8.0-14PR	21x8.0-14PR	21x8.0-14PR	21x8.0-14PR	21x8.0-14PR	21x8.0-14PR
Rear		15x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8
Wheelbase	V	in 52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
Front		Center of tires front / rear	in 36.6/7.5	36.6/7.5	36.6/7.5	36.6/7.5	36.6/7.5	36.6/7.5	36.6/7.5
Battery		Battery Voltage	V 36/48	36/48	36/48	36/48	36/48	36/48	36/48
		min. capacity	AH/SHR 505	505	505	505	505	505	505
		max. capacity	600	600	600	600	600	600	600
		Battery box size LxWxH	in 1.39*7W20*7H24.4	1.35*6W20*7H24.4	1.38*4W18*3H29.7	1.40*5W20*9H31.3	1.44*3W24H31.5	1.44*3W24H31.5	1.44*3W24H31.5
		Weight, min. (see item 42)	lbs 1672	1672	1672	1672	1672	1672	1672
		Drive motor	kw 6.5X2	8	8	8	8	8	8
Motor		Pump motor	kw 15	15	15	15	15	15	15

Model			FBT15C	FBT18C	FB15C	FB18C	FB20C	FB25C
Capacity	Q	Load	lbs 3000	3500	3000	3500	4000	5000
Load center	C	Distance	in 24	24	24	24	24	24
Lift at 2-stage mast	M2	Lift (max. Fork height)	in 130	130	130	130	130	130
Standard free lift	M2	Standard free lift (Forward) / Backlift	in 5.5	5.5	5.5	5.7	5.7	5.9
Mast tilting angle		deg 6/6	6/6	6/6	6/6	6/6	6/6	6/6
Overall Dimension	L2	Length to face of forks	in 76.4	77.2	74.8	76.4	80.0	83.7
	B	Total width	in 42.4	43.9	38.0	41.9	41.9	41.9
	b0	Overhead guard height	in 81.5	80.6	80.6	80.6	80.6	80.6
	b1	Mast height lowered	in 78.0	78.1	78.1	78.1	78.1	78.1
	b2	Mast height extended	in 166.1	166.1	166.1	166.1	166.1	166.1
Load bracket	L3	Seat Height	in 40.0	40.0	40.0	40.0	40.0	40.0
	b8	Height of load bracket	in 48.0	48.0	48.0	48.0	48.0	48.0
	R	Thickness (x Width (x Length))	in 1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1	1.4 x 3.9 x 42.1
	R	Turning radius	in 61.8	62.6	65.4	66.9	72.4	75.2
	N	From center of front axle	in 14.6	14.6	14.8	16.3	16.3	16.3
Load distance	N	From center of front axle	in 14.6	14.6	14.8	16.3	16.3	16.3
Axle width	AS	For load 800x1200 / 1000x1200	in 115.7/123.4/16.5/124.4	111.6/119.4/112.3/121.1	128.1/136.0	136.9/139.8	136.9/139.8	136.9/139.8
Ground clearance	m1	at lowest point	in 3.9	4.1	4.1	4.1	4.1	4.1
Travel speed	m2	Center of wheelbase	in 3.9	4.1	4.1	4.1	4.1	4.1
		with load / without load	mph 8.4/8.7	8.1/8.7	8.4/8.7	8.1/8.7	8.1/9.0	8.1/8.7
		with load / without load	mm/s 12.6/18.5	11.8/18.5	12.6/18.5	11.8/18.5	12.2/19.7	11.4/19.7
		with load / without load	mm/s 18.5/21.7	18.5/21.7	18.5/21.7	18.5/21.7	18.5/19.7	18.5/19.7
	MAX	with load / without load	N/A	14000	13000	11000	10800	12100
Gradability		with load / without load	% 18/21	17/20	18/21	17/20	16/21	14/19
Service brake		operation control	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
Parking brake		operation control	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic	Hand / Hydraulic
Service weight		included min. weight battery (see item 45)	lbs 6644	6996	6864	7370	8076	9504
Axle loading		with load (front / rear)	lbs 4675/1269	4605/1241	4712/1455	4724/1496	1136/2103	1293/2608
Wheel type		without load (front / rear)	lbs 3240/3395	3274/3720	2992/3872	3036/4334	3718/5258	3408/6006
Wheel (X driven)		S-Solid, P-Pneumatic	front/rear	Solid	Cushion	Cushion	Cushion	Cushion
Number		2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
Front		18x7.8	18x12-1/8	21x7.8	21x7.8	21x7.8	21x7.8	21x7.8
Rear		15x4.1/2.8	14x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8	16x4.1/2.8
Wheelbase	V	in 52.1	52.1	52.1	52.1	52.1	52.1	52.1
Front		Center of tires front / rear	in 36.6/7.5	36.6/7.5	32.1/32.5	32.1/32.5	34.0/36.2	34.0/36.0
Battery		Battery Voltage	V 36/48	36/48	36/48	36/48	36/48	36/48
		min. capacity	AH/SHR 505	505	505	505	505	505
		max. capacity	600	600	600	600	600	600
		Battery box size LxWxH	in 1.39*7W20*7H24.4	1.35*6W20*7H24.4	1.35*6W20*7H24.4	1.38*8W20*8H23.2	1.38*8W20*8H23.2	1.38*8W20*8H23.2
		Weight, min. (see item 42)	lbs 1672	1672	1672	1672	1672	1672
		Drive motor	kw 6.5X2	8	8	8	8	8
Motor		Pump motor	kw 15	15	15	15	15	15

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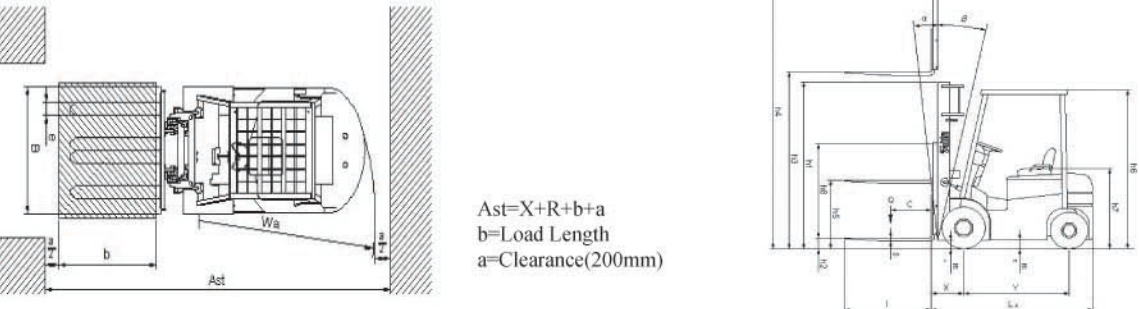
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1.5-3.0 ton Tailift Electric Forklift Trucks



Easy Operation



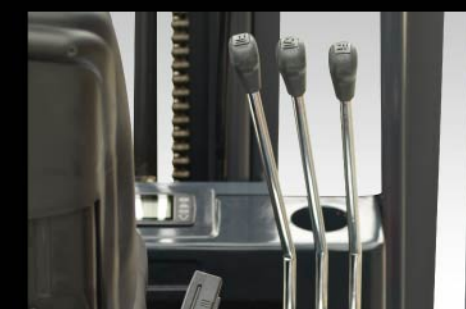
Adjustable Steering Column

The steering column can be adjusted easily to satisfy operator's needs. It increases serviceability and reduces tired feeling of the operator.



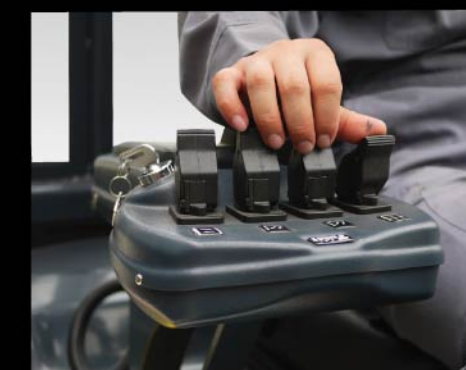
Fully hydrostatic steering system

There is no any mechanical connection between steer wheel and steer column. With hydraulic feature, the turning force is small and with a quick response. It reduces tired feeling of the operator.



Hydraulic control lever

Ergonomic design of the hydraulic control valve, it operates easy, comfort and reducing tired feeling.



Mini lever (optional)

The lifting and tilting function integrated in the mini lever enables a quick direction and operation. This guarantees fast maneuverable operation.

for Comfortable

Lift Your Life.



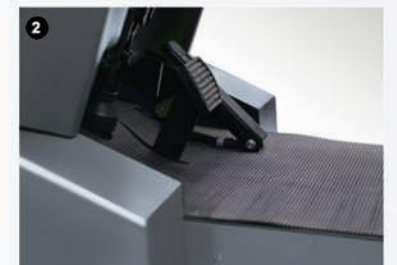
Suspension seat (optional)

Suspension seat is with comfort, stable and easy-to-ride features. Reducing harmfulness to the human body, it features with weight adjustment, incline adjustment and easy-to-move functions, and also to ensure operator in the best driving position.



1 Easy entry and exit

Free entry and exit step and handles offer operator a best and convenient way to get on and off the driving room.



2 Comfort driving space

Flat and wide floor and enough headspace will obtain operator with comfort operation while driving.



3 Wide front vision

Making wider distance for mast, it extends visual ability while operating the mast upward and downward.

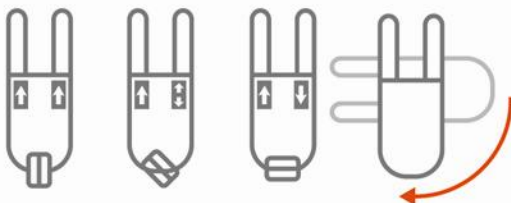


4 Cup base

Built-in cup case is easy for operator to access drinks.

for High Efficiency

Lift Your Life.



Front dual drive motor system

Left and right wheels are with separate motors. Front wheels will automatically reverse in different way while the rear wheel is turning to a certain angle. It offers smooth and safe turning in a small radius.



Operator can choose and set up an operating mode for three different choice such as **economic**, **standard** and **high**.

Multiple function of wise and compact display

Monitor displays driving speed, electricity, operate timing, operate information, automatic detecting mistake.



AC controller

The forward/backward system and regenerates brakes are feature without contact device. The controller features with sensitive responding, low maintenance and noise, remarkable speed control and clever torque control.



Hydraulic pump motor

AC hydraulic pump motor(12KW), can be adjust to low speed of output and provide sufficient power for turning and hydraulic functions.



Hydraulic control valve switch

Having 4 sensors system connected with the switch of control valves to control motor turning speed.

Rear Combination Lighting equipments

Built-in lighting equipment on the rear beam enhances the visibility and avoids getting damage.

Mast Lock System (optional)

The mast lock system automatically locks all lifting and tilting functions when the operator leaves the seat. It is to prevent operator from using the hydraulic functions and drive forklift truck when operator is not seat in proper position.

AC system

Comparing with DC motors, the AC motors provide operator with more smooth, sensitive and quicker response of operation. No more maintenance for AC motors, which can extend the service e lift of the motors.

Battery box

Battery installed on the lowest position of chassis that enhances driving stability.

Dual rear wheels

Dual rear wheels are standard on all FBT series forklift trucks. Providing superior safety and stability while lifting and turning.

for Safety

Fit All Your Needs.



Wet Disc Brake

Disc brake has great friction coefficient. It increased lift cycle and thermic diffusion and performance for the braking system.



Transmission

Using PMP transmission

- Low Noise
- Great Reliability
- Wet Brake system
- High Safety

Hydraulic lift cylinder safety check valve

When the forks with loading are getting close to the ground, the system will automatically reduce speed to prevent goods hit the ground and damage goods.

