



Multiple function of wise and compact display

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



Wet Disk Brakes (ZF)

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



Battery box

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

Hydraulic control valve switch

With 4 sensors system connected with the switch of control motor turning speed.



Hydraulic pump motor

AC hydraulic pump motor can be adjust to low output and provide sufficient power for turning and other hydraulic functions.

AC system

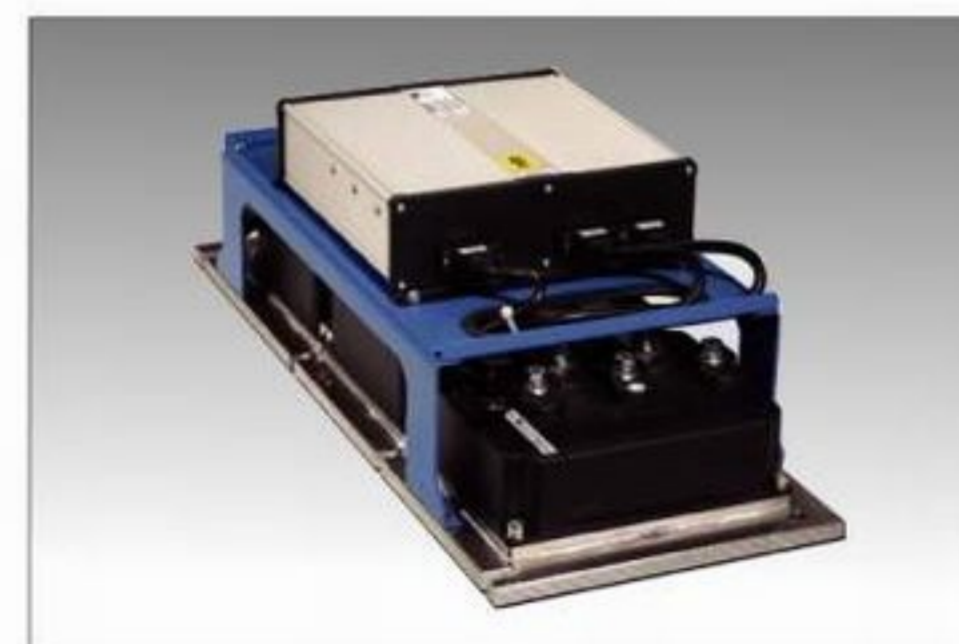
Comparing with DC motors, the AC motors provide operator with more smooth, sensitive and quicker response of operation. No more maintenance for AC motors, which can extend the service e lift of the motors.



Transmission (ZF)

Using PMP transmission delivers:

- Low noise
- Great reliability
- Wet brake system
- High safety

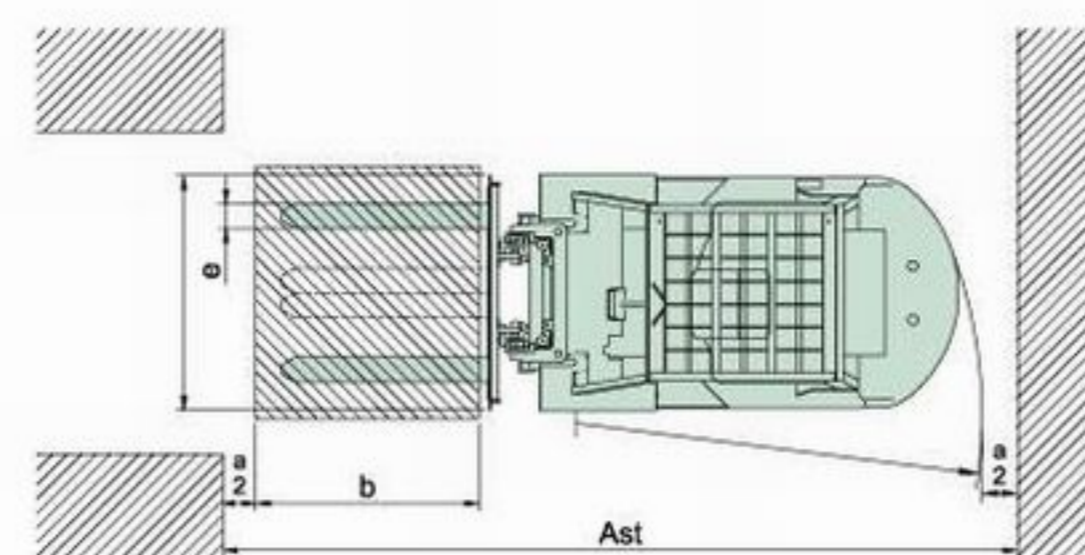
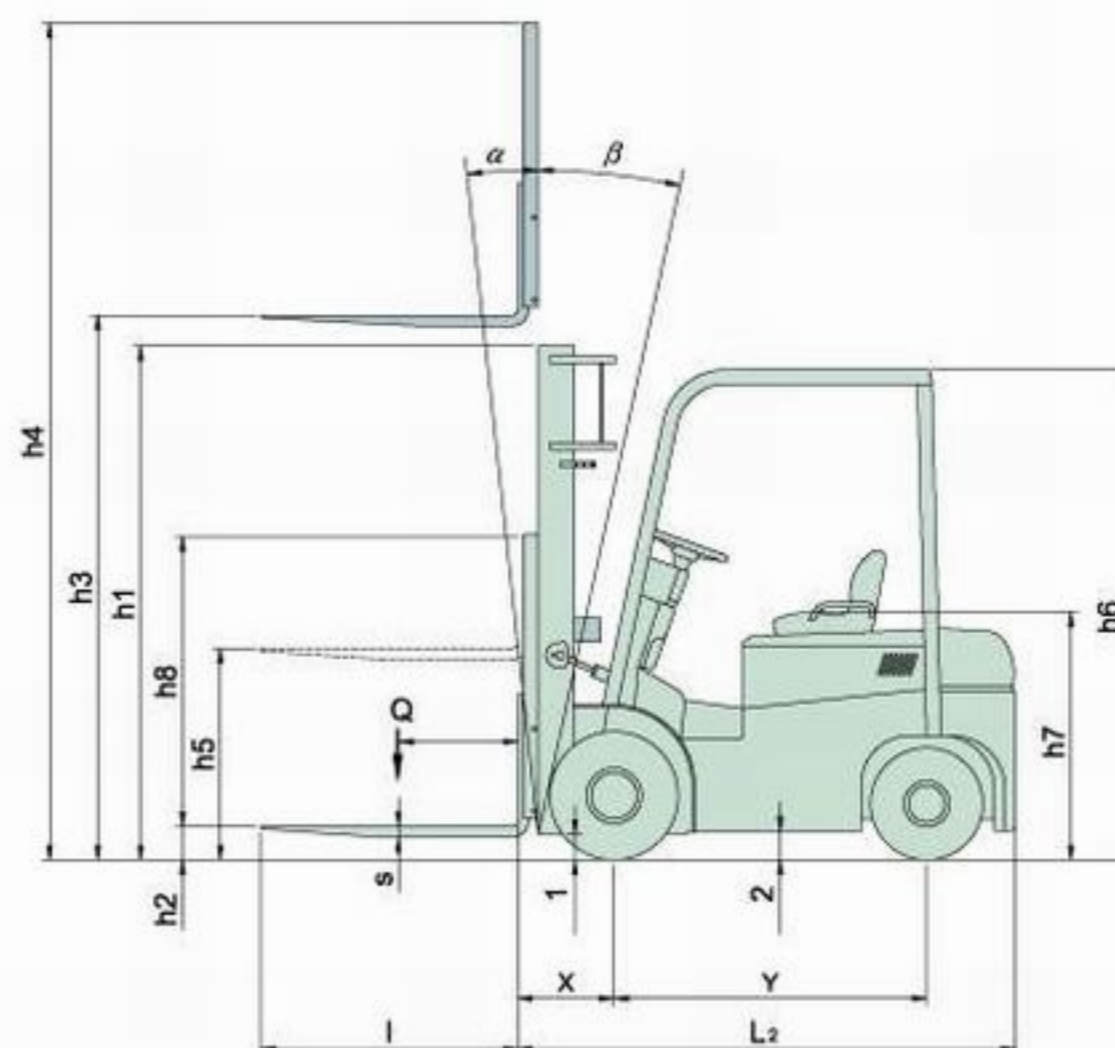


AC Controller (intelligent, torque control)

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.

Main functions of controller:

- Protection against battery polarity.
- Anti-roll back with adjustable ramp stop time.
- Regenerative braking.
- Electrically assisted braking.
- Management of static return to function (SRO).
- Drive speed Acceleration/Deceleration.
- Overheating protection for inverters and motors.
- Full protection against shore or open circuits.



$$Ast = X + R + b + a$$

b = Load Length
a = Clearance (200mm)

SPECIFICATION

CHARACTERISTICS		Tailift	Tailift	Tailift	Tailift	Tailift	Tailift	Tailift
DIMENSIONS		FBT15	FBT18	FBT15	FBT18	FBT20	FBT25	FB30
1	Manufacturer							
2	Model							
3	Capacity	Q	kg	1500	1750	1500	1750	2000
4	Load center	C	Distance	500	500	500	500	500
5	System			AC	AC	AC	AC	AC
6	Power type			Electric	Electric	Electric	Electric	Electric
7	Operation type			Electric	Electric	Electric	Electric	Electric
8	Lift at 2-stage mast			Electric	Electric	Electric	Electric	Electric
9	Lift (max. Fork height)	h3	mm	Sit	Sit	Sit	Sit	Sit
10	Standard free lift	h2	mm	3000	3000	3000	3000	3000
11	Optional free lift	h5	mm	140	140	140	145	150
12	Mast tilting angle		deg	-	-	-	-	-
13	Forward (α), Back (β)		deg	6/6	6/6	6/12	6/12	6/12
14	Length to face of forks	L2	mm	1940	1960	2095	2330	2450
15	Total width	B	mm	1078	1078	1115	1115	1200
16	Overhead guard height	h6	mm	2070	2070	2040	2150	2150
17	Mast height lowered	h1	mm	1980	1980	1985	1985	1985
18	Mast height extended	h4	mm	4220	4220	4220	4220	4220
19	Seat Height	h7	mm	1015	1015	1030	1030	1150
20	Load bracket	h8	mm	1220	1220	1220	1220	1220
21	Fork size		mm	35x100x1070	35x100x1070	35x100x1070	35x100x1070	40x122x1070
22	Turning radius	R	mm	1570	1590	1860	1860	2075
23	Load distance	X	mm	370	370	400	450	460
24	Ground clearance		mm	2940/3140	2960/3160	3260/3460	3260/3460	3525/3725
25	at lowest point	m1	mm	100	100	105	105	105
26	center of wheelbase	m2	mm	100	100	105	105	120
27	Travel speed		km/h	13.5/14	13/14	13.5/14	13/14	12.5/14
28	loaded/ unloaded		mm/s	320/470	300/470	320/470	300/470	310/500
29	Lifting speed		mm/s	470/550	470/550	470/550	480/500	290/500
30	Lowering speed		mm/s	470/550	470/550	470/550	480/500	290/500
31	MAX. Drawbar pull		N	14000	13000	10500	10000	10200
32	Gradeability		%	18/21	17/20	18/21	17/20	16/21
33	Service brake			18/21	17/20	18/21	17/20	16/21
34	operation/control			Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
35	Parking brake			Hand / Mechanic	Hand / Mechanic	Hand / Mechanic	Hand / Mechanic	Hand / Mechanic
36	Service weight		kg	3020	3180	2980	3180	3740
37	included min. weight battery (see item 45)		kg	3943/577	4366/564	3935/545	4430/600	5110/630
38	loaded (front / rear)		kg	1477/1543	1488/1691	1435/1545	1414/1766	1880/1860
39	unloaded (front / rear)		kg	1870/2310	2150/2580	1870/2310	1870/2310	2150/2580
40	Tire type			S=Solide, P=Pneumatic	S=Solide, P=Pneumatic	S=Solide, P=Pneumatic	S=Solide, P=Pneumatic	S=Solide, P=Pneumatic
41	Wheels (X driven)			front/rear	front/rear	front/rear	front/rear	front/rear
42	Number			2X/2	2X/2	2X/2	2X/2	2X/2
43	Tire size			front	front	front	front	front
44	rear			18x7-8	18x7-8	21x8x9-14PR	21x8x9-14PR	23x9-10
45	Wheelbase	Y	mm	15x4 1/2-8	15x4 1/2-8	5.0-8-8P.R.	5.0-8-8P.R.	18x7-8
46	Tread		mm	1350	1350	1380	1380	1540
47	Center of tires front / rear		mm	930/190	930/190	910/895	910/895	975/890
48	Battery Voltage		V	48	48	48	48	48
49	min. capacity		AH/5HR	505	505	460	460	700
50	max. capacity		mm	600	600	600	600	750
51	Battery box size LxWxH		mm	L1008*W525*H620	L1008*W525*H620	L975*W465*H755	L975*W465*H755	L1028*W530*H795
52	Weight, min. (see item 42)		kg	760	760	740	740	1120
53	Drive motor		kw	6.5X2	6.5X2	8	8	8
54	Pump motor		kw	15	15	15	15	15

* This is only for your reference and not subject to notice in advance if there is any modification.



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ELECTRIC FORKLIFT TRUCKS



CE ISO 9001:2008

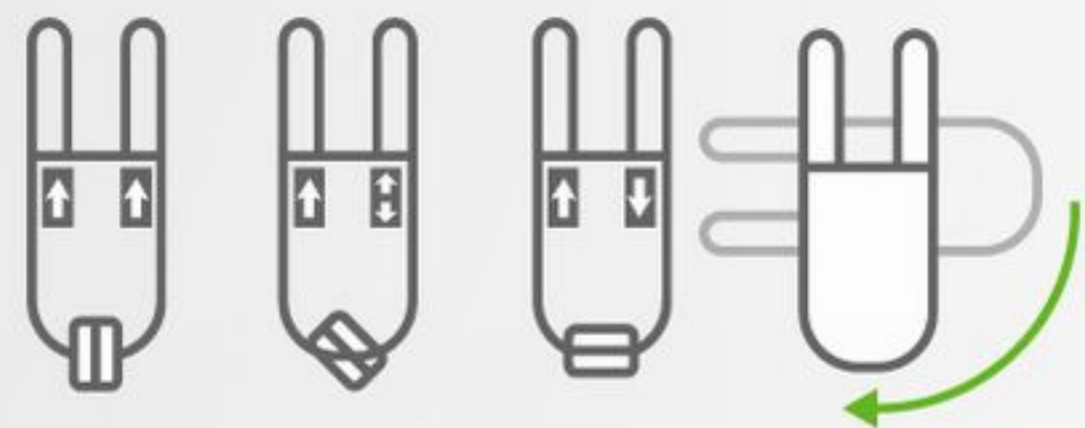
Rear Combination Lighting Equipments

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



Dual rear wheels

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



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.

Easy operation

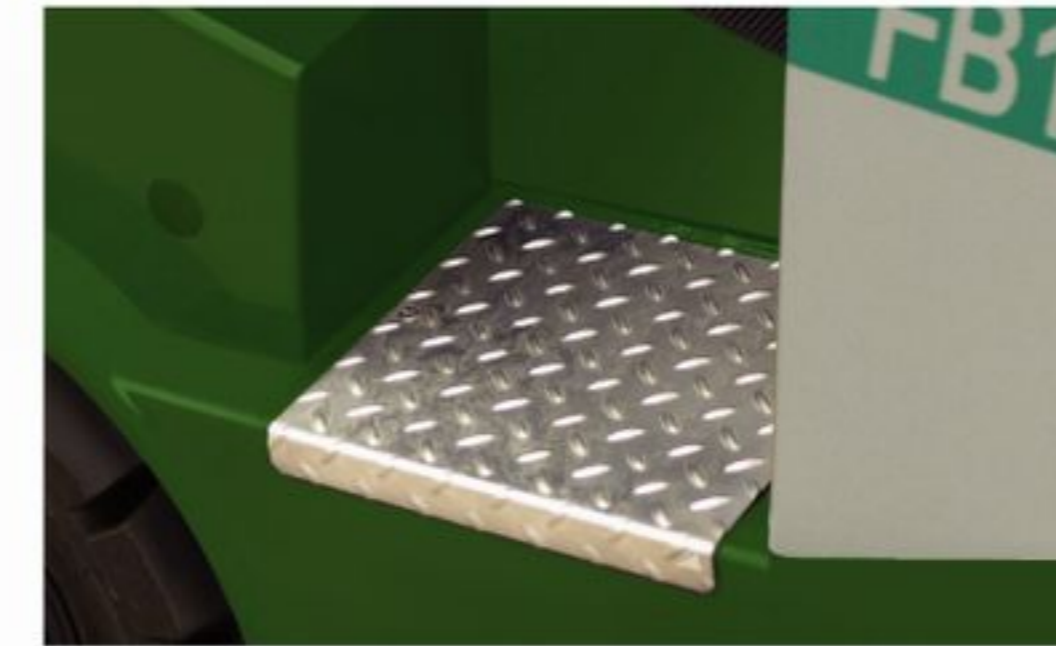
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Comfortable



Wide front vision

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



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.



Comfort driving space

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



Cup base

Build-in cup case is easu for operator to access drinks.



Suspension seat (optional)

Suspension chair 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.

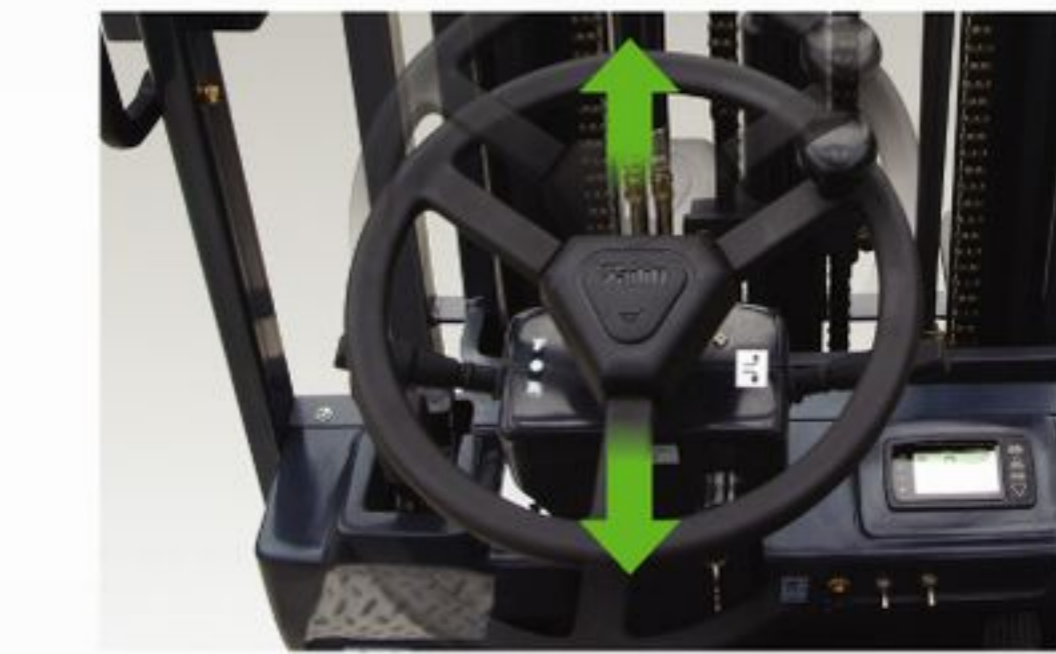


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Safety & High efficiency

Hydraulic lift cylinder safety check valve

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



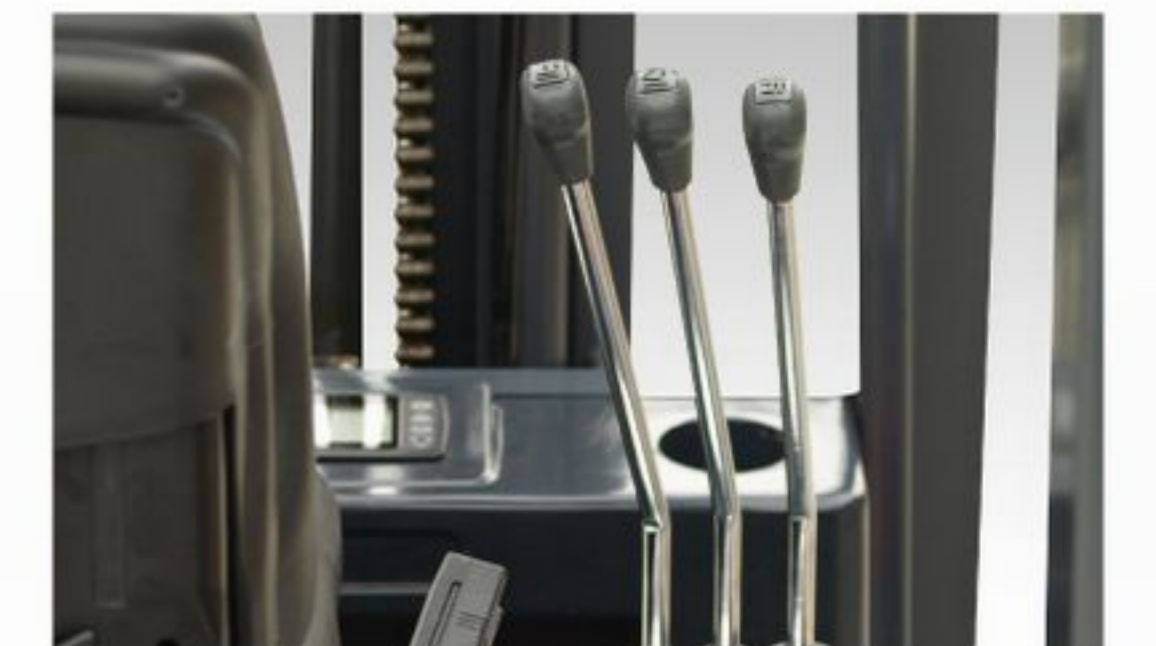
Adjustable steering column

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



Fully hydrostatic steering system

There is no any mechanical connection in 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 levers

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