

Model :
T-FB 20R
T-FB 25R



Advantages :

SAFETY AND STABILITY

- Improved efficiency most popular H type driving axle, optimized structure layout and improved efficiency.
- High power and large torque AC driving motor, large diameter body to export larger torque, heat radiating groove reserved for better heat texchange in case of extra-long-time use.
- Multifunctional display with using time, fault code, battery status, forklift running information.
- AC driving motor without brush, free of maintenance; low electric current, silent driving.
- Low gravity center thanks to relocated battery, greatly reinforcing steering stability.
- Steering circuit preference, to ensure safety in every turn when steering and lifting in the same time, and to save energy.
- Dual-controller design, one driving controller, the other control steering and lifting.
- Metal housing for better protection.
- Full LED light.

SERVICE ABILITY

- Easy maintained controller and steering potentiometer.
- Brushless lifting and driving motor, reduced cost of ownership; external encoder, easy to replace and service.
- Over discharge protecting system; while the battery discharges less than 20%, the instrument warning light will turn on.
- Braking oil cup installed on the instrument panel, convenient to check and add braking oil.

ERGONOMICS

- Optimized structure creates a large and comfortable operating room.
- Adjustable steering wheel column, the driver can adjust the position according to his need.
- Integrated light switch and steering wheel.
- Clear and wide view mast with good visibility.
- Intelligent mast collapse buffering.

OPTIONAL

- Side - way battery box
- Electromagnetic valve
- Shock-absorbing chair, with power disconnect function
- Dual - front - wheels
- Adjustable lifting motor speed system
- Cold storage application
- Lithium battery

Model		T-FB 20R	T-FB 25R
Power		electric	electric
Operation type		seated	seated
Capacity / rated load	Q (kg)	2000	2500
Load centre distance	C (mm)	500	500
Lift height	h3 (mm)	3000 ~ 6000	3000 ~ 6000
Load distance, centre of drive axle to fork	X (mm)	395	445
Wheelbase	Y (mm)	1480	1480
Service weight (with battery)	kg	3500	4150
Axle loading (laden front / rear)	kg	4815 / 685	5857 / 793
Axle loading (unladen front / rear)	kg	1635 / 1865	1859 / 2246
Tyre type		Pneumatic / Solid	Pneumatic / Solid
Tyre size, front	mm	6.50-10	23x9-10
Tyre size, rear	mm	5.00-8	18x7-8
Wheels, number front rear (x = driven wheels)		2x/2	2x/2
Tread, front	b10 (mm)	930	970
Tread, rear	b11 (mm)	920	970
Tilt of mast/frok carriage forward/backward	Grad	5/10	5/10
Height, mast lowered	h1 (mm)	2015 ~ 2610	2050
Height, mast extended	h4 (mm)	4050 ~ 7050	4050 ~ 7050
Height of overheard guard (cabin)	h6 (mm)	2100	2100
Seat height / Stand height	h7 (mm)	1040	1040
Height of traction bolt	h10 (mm)	260	260
Overall length	l1 (mm)	3270	3310
Length to face of forks	l2 (mm)	2200	2240
Overall width	b1 (mm)	1130	1200
Fork dimensions (S x E x L)	mm	40 x 120 x 1070	40 x 120 x 1070
Fork carriage DIN 15173, class/type A,B		2A	2A
Fork carriage width	b3 (mm)	1088	1160
Ground clearance, laden, below mast	m1 (mm)	110	110
Ground clearance, centre of wheelbase	m2 (mm)	115	110
Aisle width for pallets 1000x1200 crossways	Ast (mm)	3600	3700
Aisle width for pallets 800x1200 lengthways	Ast (mm)	3800	3900
Turning radius	Wa (mm)	2080	2180
Travel speed (laden / unladen)	km/h	12/13	12/13
Lift speed (laden / unladen)	mm/s	280 / 320	260 / 300
Lowering speed (laden / unladen)	mm/s	360 / 420	360 / 420
Max. gradeability (laden / unladen)	%	15 / 20	13/14
Battery voltage, nominal capacity K5	V/Ah	48 / 560	48 / 560
Battery weight	kg	760	820 / 1055
Driving control system		AC	AC

* Option: T-FB20R Lithium battery 350AH (Charger 48V/100A) T-FB25R Lithium battery 450AH (Charger 48V/200A) Remark: The data is based on the lifting height 3000mm; Lifting height from 3000mm to 6000mm are available; Electric controller selection (1)standard : Inmotion (2)Option : Curtis

