Zowell®
Electric Industrial Truck Leader

STRONG POWER

FRB Series

Electric Reach Truck



www.zowellforklifts.com

Strong Power Efficient Operation

FRB20

ELECTRIC REACH TRUCK

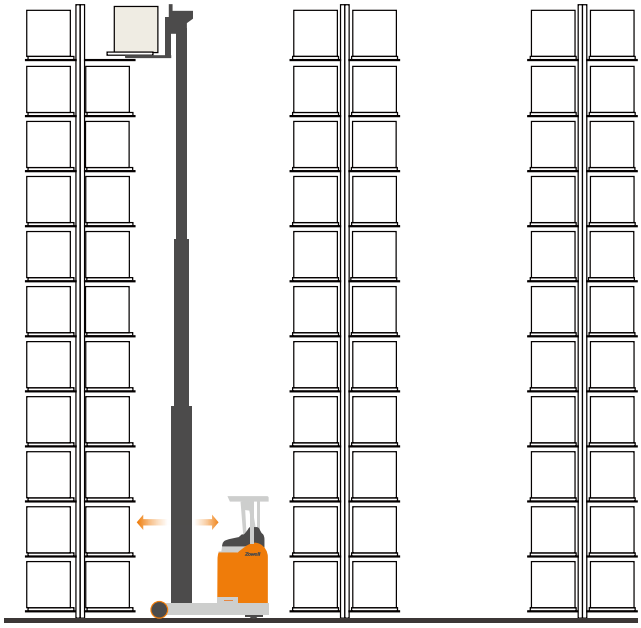
The ZOWELL FRB20 series is an electric reach truck with a rated load capacity of 2000 kilograms. Its maximum lifting height can reach 12 meters, and the minimum working aisle only requires 2930mm.

It is an electric reach truck specially designed for high-density warehouse stacking operations. With a high-power design, the special battery can provide strong power for stacking operations. The high-strength channel steel frame is combined with various auxiliary functions, and at an extremely high cost-performance ratio, it helps enterprises complete the stacking and ground transportation of goods.

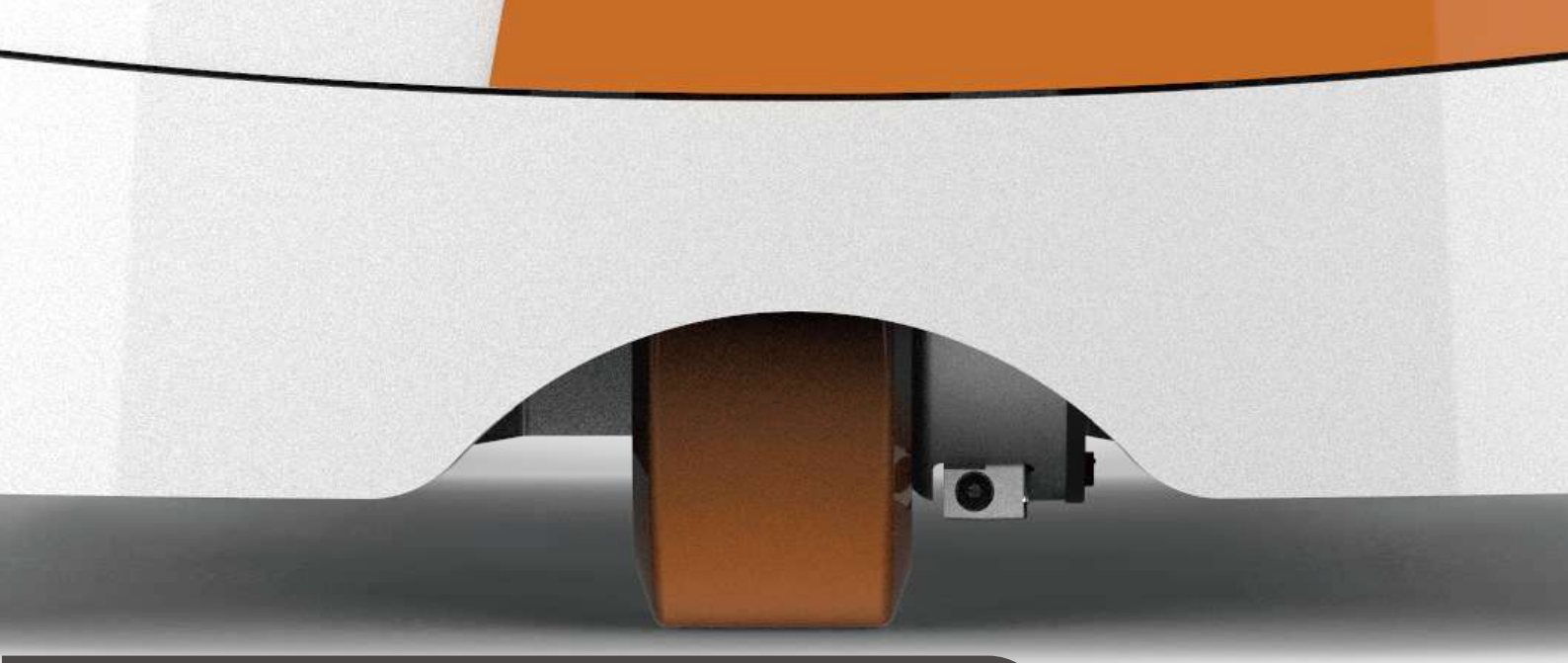


The fully AC control system is adopted, which ensures more precise and stable control. It can effectively reduce the shaking of the forks during the lifting process. This helps to enhance the safety and comfort of high-altitude operations.

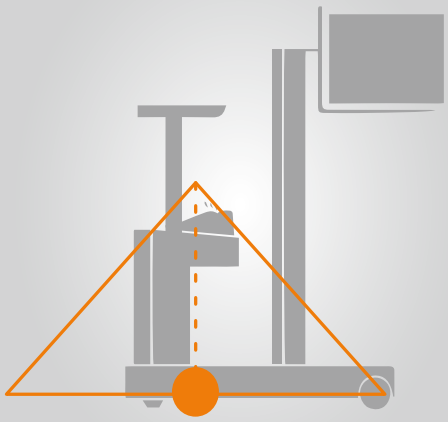
The rated load of this reach truck is 2000kg, which can meet most storage requirements. Our lifting height can reach from 4 meters to 12 meters. Moreover, the width of our forks can be adjusted between 200mm and 750mm, suitable for various pallet specifications.



The super high lifting and narrow aisle demand allow FRB to create more storage space and solve warehousing problems

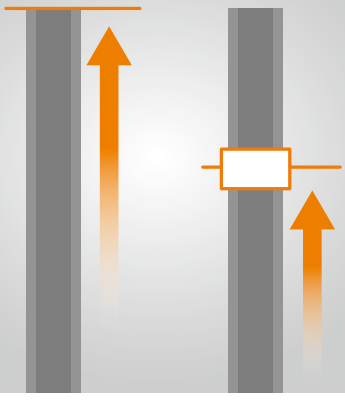


Big engine ensures strong power supply,multi-function ensures high efficient operation.



Low Gravity Centre Design

Well know the ability to resist overturning urder complex working situation and necessary conditions for safe operation.



Lifting Limit

Lifting Limit is adopted in the trucks,which can ensure accurate lifting control and reduce energy waste.



Curve Speed Limit

The installment of curve speed limit can avoid sideways turnover and goods falling down.

12000 MM Lifting Height

The maximum lifting height is up to 12000mm.





Ergonomic control layout, easy & flexible operation.



Big space for thigh

Surplus space shows its superiority.



Comfortable Seat

Adjustable seat provides operator with a safe and comfortable environment.



Wide view for operator

This ingenious design of overhead guard ensures the wide and multi-dimensional view for operator when operating.

Battery maintenance and replacement

Battery can be easily moved out and save the time of maintenance and replacement.



HUMANIZED DESIGN
EFFICIENT OPERATION

- **Optional operation mode**

  4m-9m standard with multi-way valve system and long control lever, can optional with proportional valve system and thumb microswitches.
  9.5m-12m standard with proportional valve system and thumb microswitches.







- **Multifunctional display screen**

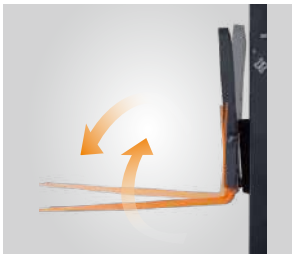
  Real-time display of wheel position status, battery status, running time, fault codes, etc.

- **AC control system**

  Excellent performance,
  motor forlife maintenance-free.

- **Fork Tilt Forward /Backward**

  Fork can tilt forward / backward forsafer load handling.



- **Precise speed control**

  Smooth speed adjustment without any jerking sensation, and the operation is more stable.

- **Electric steering**

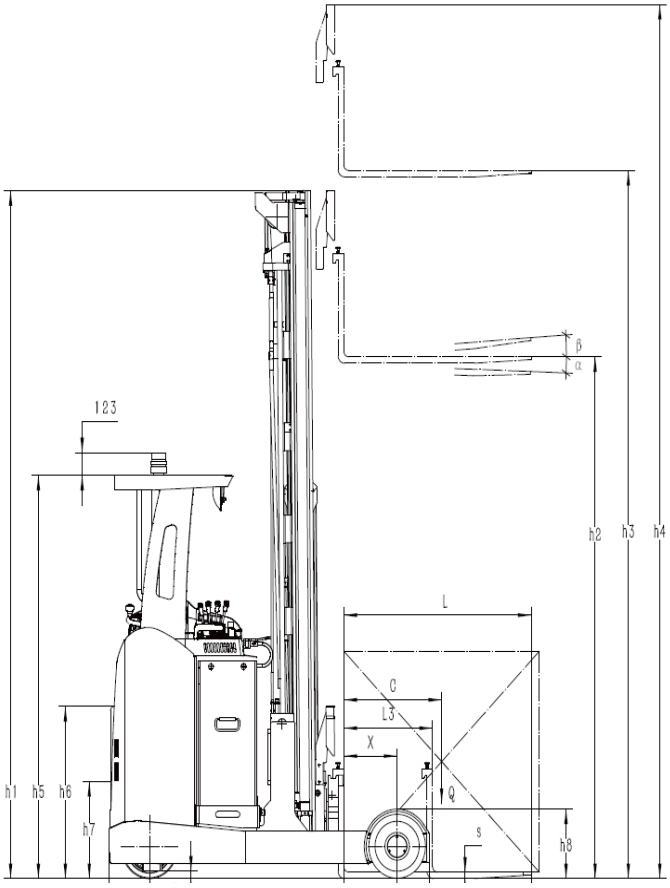
  Switch to lightweight and flexible design to enhance work efficiency

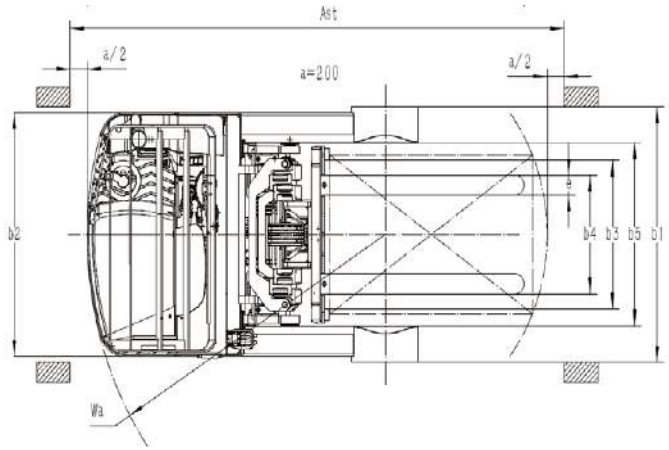
Technical Data For FRB Electric Reach Truck Series

Identification	1	Product model		FRB20(4500-9000mm)	FRB20(9500-12000mm)
	2	Loading capacity	kg	2000	2000
	3	Load center	mm	600	600
	4	Front overhang	mm	327	340
	5	Wheelbase	mm	1520	1600
	6	Truck weight(without battery)	kg	2932	3792
Dimension	1	Height, mast lowered		Table	Table
	2	Free lift		Table	Table
	3	Lifting height		Table	Table
	4	Height mast extended		Table	Table
	5	Height of overhead guard	mm	2190	2190
	6	Overall length	mm	2593	2673
	7	Overall width	mm	1292	1430
	8	Fork dimensions (Forging)	mm	1150×100×40	1150×100×40
	9	Adjustable Forks width	mm	200-750	200-750
	10	Reach distance	mm	545/580	558
	11	Min ground clearance	mm	40	40
	12	Aisle width for pallets 1000x1200 (fork along side 1000)	mm	2872	2942
	13	Aisle width for pallets 800x1200 (fork along side 1200)	mm	2930	2998
	14	Turning radius	mm	1770	1850
	15	Fork tilting degree(forward/backward)	°	2/4	2/4
Performance	1	Travel speed loaded/unloaded	km/h	8.5/9	8.5/9
	2	Lift speed loaded/unloaded	mm/s	350/500	350/500
	3	Lowering speed loaded/unloaded	mm/s	550/300	550/300
	4	Max gradeability loaded/unloaded	%	10/15	10/15
Motor	1	Drive motor rating	kw	8	8
	2	Lift motor rating	kw	15	15
	3	Lead-acid battery voltage/ nominal capacity	V/Ah	48/600	48/700
	4	Battery weight	kg	1008	1008
Others	1	Type of drive control		MOSFET	MOSFET

1.The above table only marked the standard models and corresponding technical parameters, non-standard model parameters to the final sales contract shall prevail;
2. Due to the customer tray size is different, the actual delivery of vehicles need to correspond to the tray size of the vehicle part of the mechanism for customization;
3. Zowell Forklifts retains the right to change as well as technical updates.

Two-view drawing





Table(Height Choices)

Product model	Mast type	Lifting height	Height with mast closed	Free Lift	Height with mast extended
		h3(mm)	h1(mm)	h2(mm)	h4(mm)
FRB 20	Triple	4000	1955	1160	4855
		4500	2115	1320	5355
		5000	2285	1490	5855
		5500	2455	1660	6355
		6000	2615	1820	6855
		6500	2805	2010	7355
		7000	2975	2180	7855
		7500	3215	2420	8355
		8000	3375	2580	8855
		8500	3575	2780	9355
		9000	3735	2940	9855
		9500	4000	3205	10355
		10000	4270	3475	10855
		10500	4440	3645	11355
		11000	4710	3915	11855
		11500	4880	4085	12355
		12000	5050	4255	12855

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