

FPRT13/15RM PLUS

The Most Versatile Stacker

INTRODUCTION

Compact structure with excellent forward function, vehicles in a narrow space can be used;

**Faster + High efficiency with German motor!
Upgraded speed of 8km/h for Ride-on Mode**

High-performance AC drive system, combined with electric steering unit to enhance whole vehicle's performance and efficiency; With high-quality components, excellent cost performance.

If the vehicle is used in warehousing long distance transporting, optionally foldable pedal is the best choice.

ADVANTAGES

- Straddle leg design
- Forward function
- AC drive system
- Operator' Working will be easier with Electric Steering technology
- The large battery capacity extends long time operation needs
- Optional sidshift function
- Optional side-pull battery
- Optional pedal, protective arm, ergonomically foldable pedal



❄️ Optional special configuration for cold storage

🔋 Optional lithium battery configuration

8km/h

Reach mast

In comparison with common counterbalance heavy stacker, FPRT13/15RM PLUS not only have same stability, but also have flexible

Fork tilting

Tilting fork makes the pallet stacking work easier and safer, and separate



Optional sidshift function

The optional sidshift function allows the forks to move, especially for small space, cargo can be accurately placed on the shelf

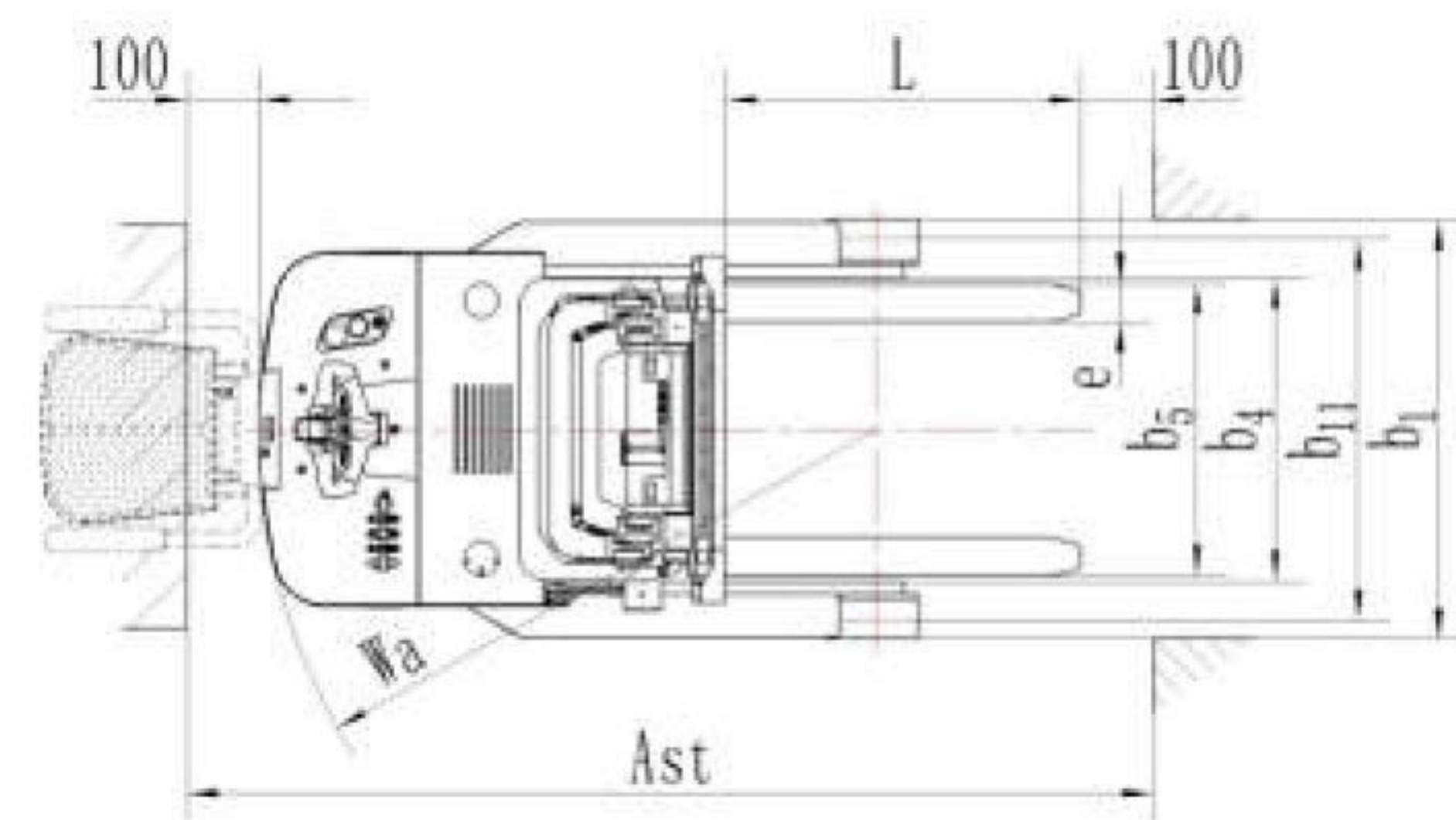
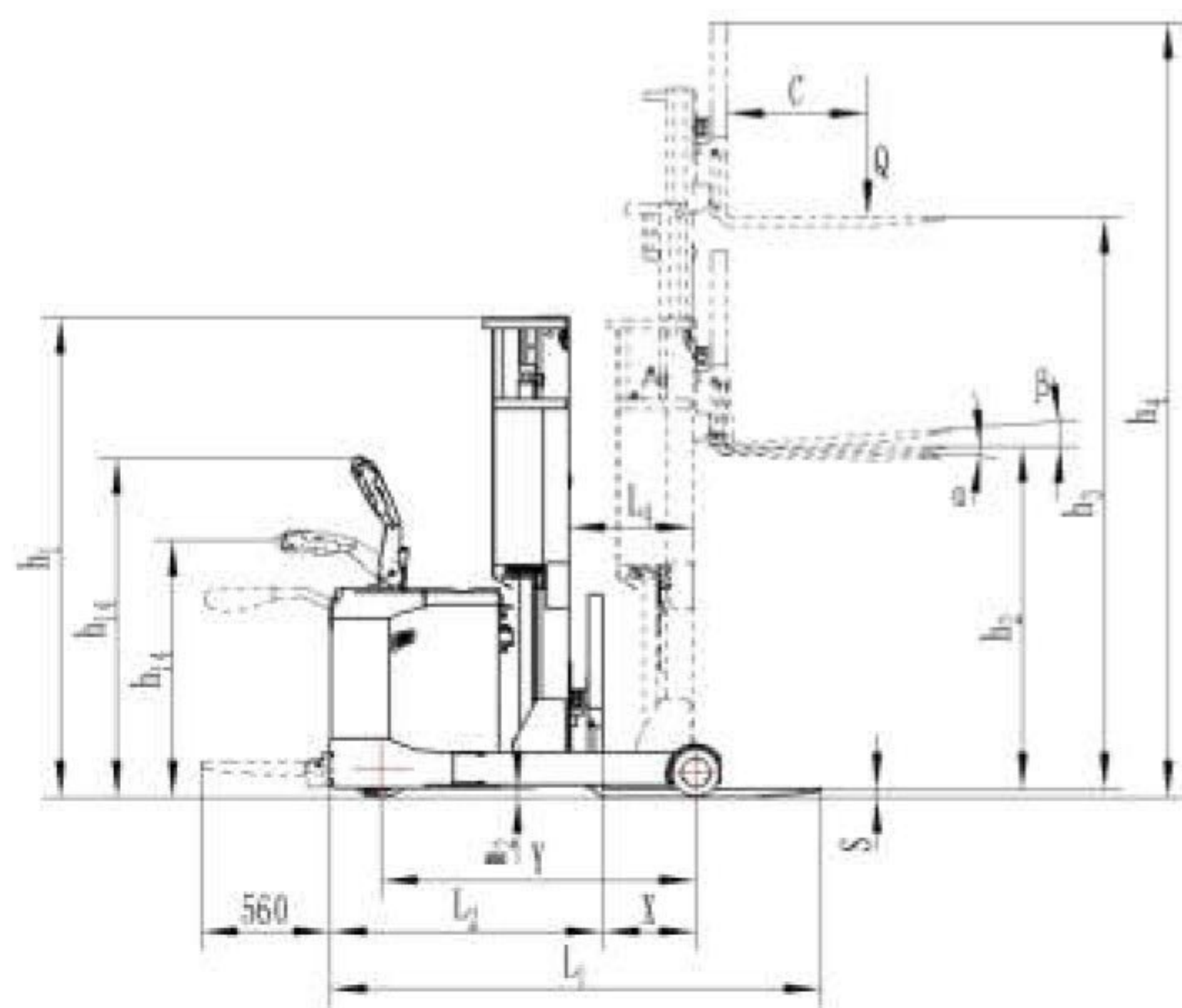
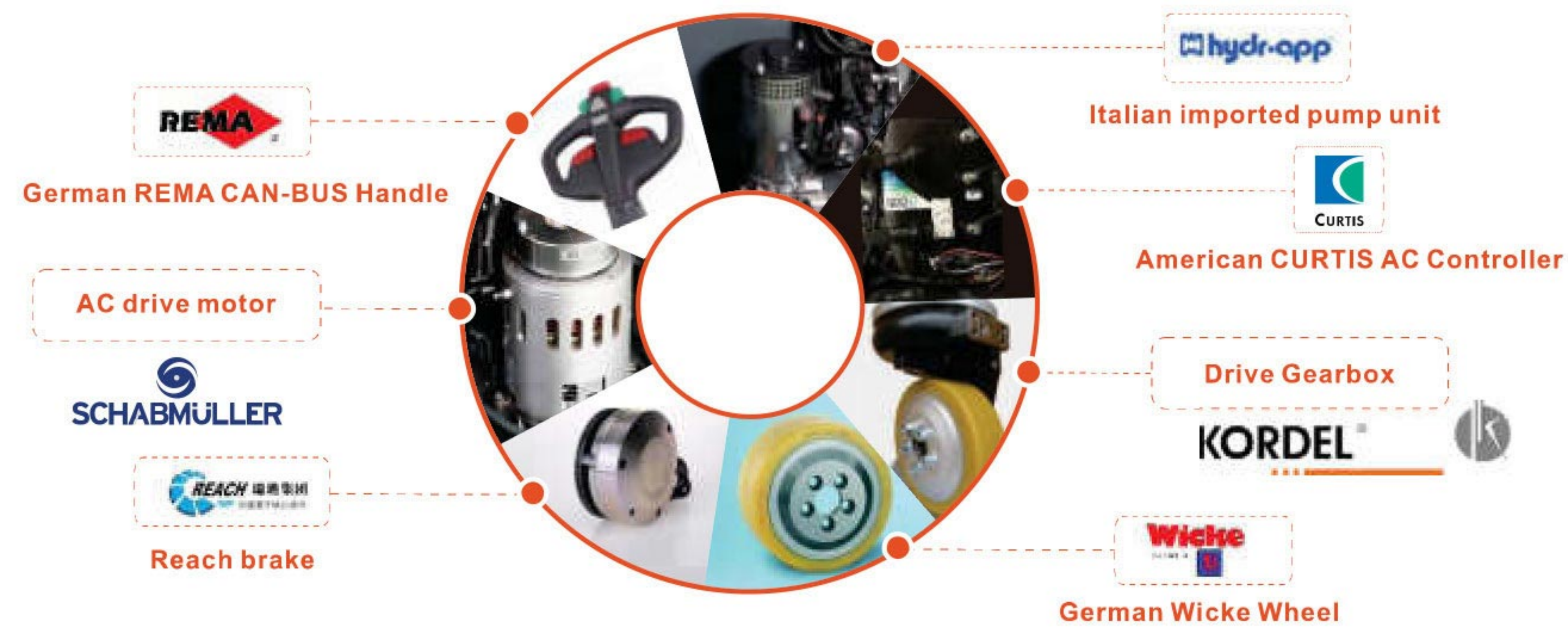
Straddle Leg

Direct entry of 800x1220mm pallet with upgraded design of the straddle 880mm inner width.



FPRT13/15RM PLUS

Top brand key componnets



Type sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM										
Distinguishing mark	1.2	Manufacturer's type designation		FPRT13RM16PLUS	FPRT13RM30PLUS	FPRT13RM48PLUS	FPRT15RM16PLUS	FPRT15RM30PLUS	FPRT15RM48PLUS	
	1.3	Power(battery ,diesel, petrol gas, manual)		Battery			Battery			
	1.4	Operator type		Pedestrian			Pedestrian			
	1.5	Load Capacity / rated load	Q(kg)	1300			1500			
	1.6	Load centre distance	C(mm)	600			600			
	1.8	Load distance ,centre of drive axle to fork	X(mm)	415			485			
	1.9	Wheelbase	Y(mm)	1350			1500			
	Weight	2.1	Service weight	kg	1750	1900	2200	1800	1950	2250
	Tyres, chassis	3.1	Tires		Polyurethane (PU)			Polyurethane (PU)		
3.2		Tire size, front	mm	φ250X82			φ250X82			
3.3		Tire size, rear	mm	φ210X85			φ230X100			
3.4		Steering wheel size	mm	φ124X60			φ124X60			
3.5		Wheels, number front/rear(x=driven wheels)		1X+2/2			1X+2/2			
3.6		Tread, front	b10(mm)	680			680			
3.7		Tread, rear	b11(mm)	1085			1085			
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	2/4			2/4			
	4.2	Lowered mast height	h1(mm)	2196	2096	2196	2196	2096	2196	
	4.3	Free Lift height	h2(mm)	1600	---	1600	1600	---	1600	
	4.4	Lift	h3(mm)	1600	3000	4800	1600	3000	4800	
	4.5	Extended mast height	h4(mm)	2485	3885	5685	2485	3885	5685	
	4.9	Height of tiller in drive position min./ max.	h14(mm)	1030/1415			1030/1415			
	4.15	Height, lowered	h15(mm)	50			50			
	4.19	Overall length	l1(mm)	2080			2160			
	4.20	Length to face of forks	l2(mm)	1160			1240			
	4.21	Overall width	b2(mm)	1180			1184			
	4.22	Fork dimensions	s/e/l(mm)	35/100/920(1070)			35/100/920(1070)			
	4.25	Distance between fork- arms	b5(mm)	220-760			220-760			
	4.26	Distance between supporting arm and load side	b4(mm)	880			880			
	4.28	Reach distance	l4(mm)	545			630			
	4.32	Ground clearance, centre of wheelbase	m2(mm)	40			40			
4.33	Aisle width for pallets 1000X1200 crossways	Ast(mm)	2600°			2710°				
4.34	Aisle width for pallets 800X1200 lengthways	Ast(mm)	2650°			2740°				
4.35	Turning radius	Wa(mm)	1570°			1720°				
Performance data	5.1	Travel speed, laden/ unladen	km/h	5.5/6.0-8.0/8.0			5.5/6.0-8.0/8.0			
	5.2	Lift speed, laden/ unladen	m/s	0.085/0.122		0.11/0.165		0.11/0.165		
	5.3	Lowering speed, laden/ unladen	m/s	0.125/0.08		0.11/0.10		0.11/0.10		
	5.8	Max. gradeability, laden/ unladen	%	5/8			5/8			
	5.10	Service brake		Electromagnetic			Electromagnetic			
Electric- engine	6.1	Drive motor rating	kW	2.6			2.6			
	6.2	Lift motor rating	kW	2.2		3.0		3.0		
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		3PzS		4PzS		3PzS		
	6.4	Battery voltage, nominal capacity	V/Ah	24 / 270		24 / 400		24 / 270		
Additional data	8.1	Type of drive control		AC-Speed Control			AC-Speed Control			
	8.4	Sound level at driver's ear acc.to EN 12053	dB(A)	67			67			