

### PS15CB Counter-balanced Stacker

Easy and comfortable operation with high efficiency ;  
High-performance AC drive system, combined with electric power steering unit to enhance the stacker's performance and efficiency, all controls done via the control handle, easy and efficient ;

With high-quality components, excellent costperformance.

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

 Side battery replacement	 Optional foot pedal arm protection	 Capacity 1500Kg	 Easy Maintenance
 Powerful Battery	 High Performance	 AC drive system	CAN-BUS Technology



# PS 15CB

## • CAN-BUS Technology

The CAN-BUS technology is due to less wiring more reliable. For maintenance the CAN-BUS technology makes analysis and adjustments easier so that the downtime is lower than for trucks without CAN-BUS. Digital signals further makes parts longer lasting than analogue signals.



## • Optional battery side pull

Standard side battery replacement .



## • High capacity battery

The large battery capacity extends long time operation needs .



## • fork tilting

Tilting forks ensures safety cargo loading.



## • Electric steering

Operators' working will be easier with Electric steering technology



## • Optional foot pedal, arm protection

Optional pedal, protective arm, ergonomically foldable pedal and protective arm makes the operation faster and safer.

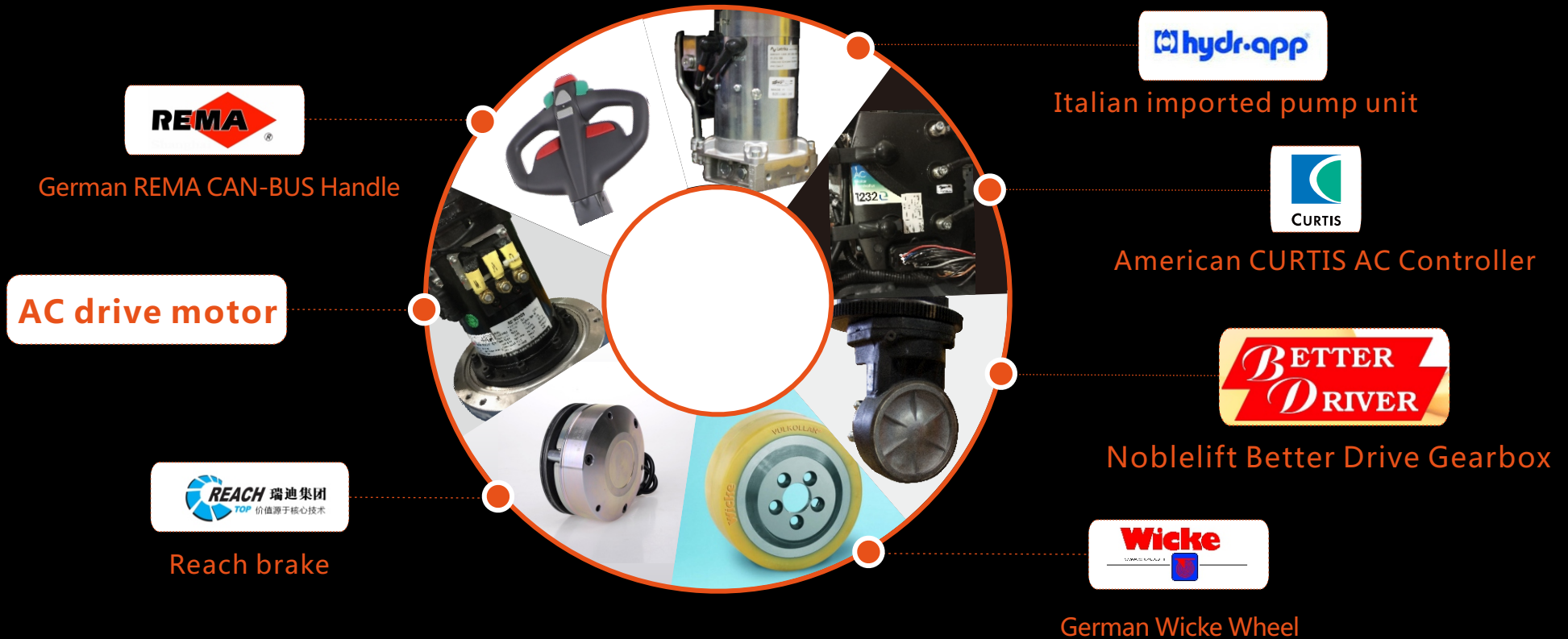


## • AC drive system

AC drive system increases performance, reducing maintenance costs, improving work efficiency .



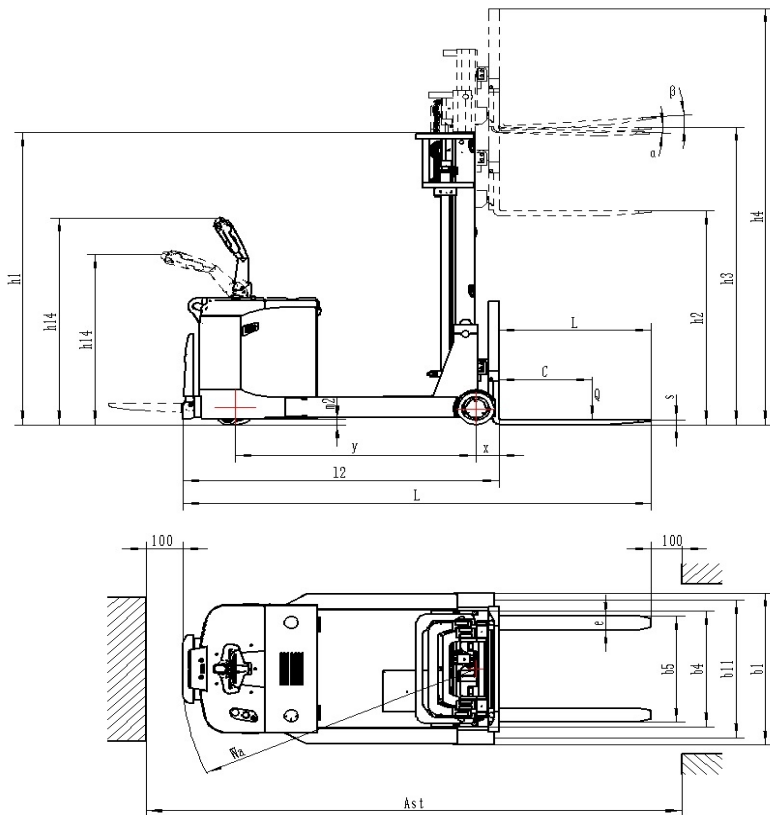
## Top Brand Components



# PS 15CB

## Mast table PS 15CB

Designation	Lowered mast height h1 mm	Free lift height h2 mm	Lift height h3 mm	Extended mast height h4 mm
<b>PS15CB</b>				
Two-stage mast ZT	2096	—	3000	3885
Three-stage mast DZ	1796 2096	1200 1500	3600 4500	4485 5395



## 工业车辆参数表 (VDI 2198)

Identification	1.2 Manufacturer's type designation Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	1.3 Type of operation: hand, pedestrian, standing, seated, order-picker	1.4 Load Capacity / rated load	PS15CB16	PS15CB18	PS15CB30	PS15CB36	PS15CB45
				1.5 Load centre distance	1500	1500	1500	1500
Weights	2.1 Service weight	kg	1850	1900	2050	2250	2300	
	2.2 Axle loading, laden front/rear	kg	400/2950	420/2980	450/3100	530/3220	550/3250	
	2.3 Axle loading, unladen front/rear	kg	1120/730	1150/750	1220/830	1320/930	1350/950	
Wheels, Chassis	3.1 Tyres: solid, rubber, superelastic, pneumatic, polyurethane		Polyurethane					
	3.2 Tyre size, front	Ø x w (mm)	Φ250x82					
	3.3 Tyre size, rear	Ø x w (mm)	Φ230x100					
	3.4 Additional wheels (dimensions)	Ø x w (mm)	Φ124x60					
	3.5 Wheels, number front/rear (x=driven wheels)		1x+2/2					
	3.6 Track width, front	b10 (mm)	680					
	3.7 Track width, rear	b11 (mm)	988					
4.2 Mast/fork carriage tilt forward/backward	α/β(°)	2/4						
Basic Dimensions	4.3 Lowered mast height	h1 (mm)	2196	2396	2096	1796	2096	
	4.4 Free lift	h2 (mm)	1600	1800	-	1200	1500	
	4.5 Lift height	h3 (mm)	1600	1800	3000	3600	4500	
	4.9 Extended mast height	h4 (mm)	2485	2685	3885	4485	5385	
	4.15 Height of tiller in drive position min./ max.	h14 (mm)	1034/1415					
	4.19 Lowered height	h13 (mm)	50					
	4.20 Overall length	l1 (mm)	2820					
	4.21 Length to face of forks	l2 (mm)	1950					
	4.22 Overall width	b1 (mm)	1090					
	4.25 Fork dimensions	s/e/l (mm)	35/100/950(1150)					
	4.32 Width over forks	b5 (mm)	220/760					
	4.33 Distance between supports arms/loading surfaces	b4 (mm)	790					
	4.34 Ground clearance, centre of wheelbase	m2 (mm)	39					
	4.35 Minimum aisle width	Ast (mm)	3080					
Performance Data	5.1 Turning radius	Wa (mm)	1640					
	5.2 Travel speed, laden/ unladen	km/h	5.0/5.5					
	5.3 Lift speed, laden/ unladen	m/s	0.11/0.165					
	5.8 Lowering speed, laden/ unladen	m/s	0.1/0.095					
	5.10 Max. gradient performance, laden/ unladen	%	5/8					
	6.1 Service brake		Electromagnetic					
E-Motor	6.3 Drive motor rating s2 60min	kW	1.6					
	6.4 Lift motor rating at s3 15%	kW	3.0					
	6.5 Battery acc. to DIN, no		3PzS		4PzS			
	6.6 Battery voltage, nominal capacity	V/Ah	24/270					
	8.1 Energy consumption acc. to VDI cycle	KWh/h	1.88					
Others	Type of drive control		MOSFET Control					
	sound level at driver's ear acc. to EN 12053	dB(A)	67					