



PS13/15RM 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 sideshift 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, PS13/15RM 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 sideshift function

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

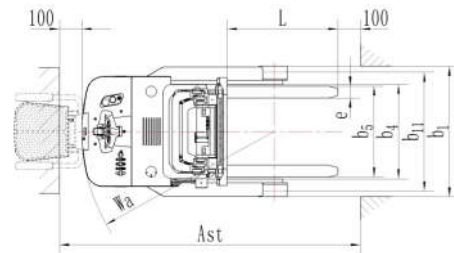
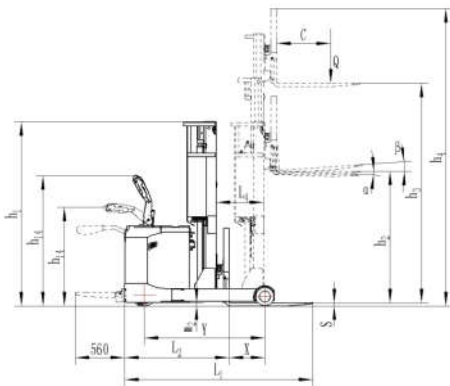
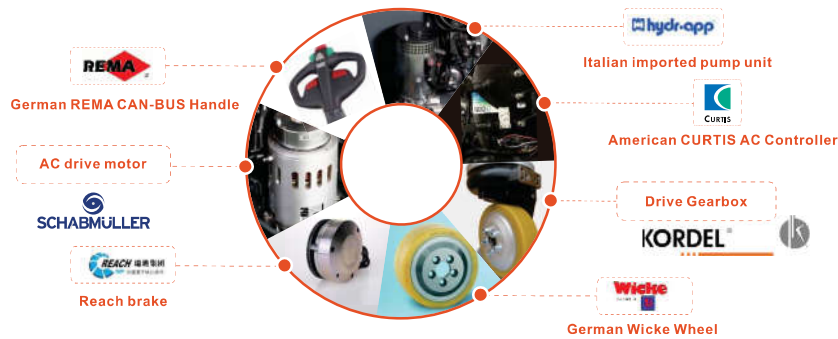
Straddle Leg

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



PS13/15RM PLUS

Top brand key components



Type sheet for industrial truck acc. to VDI 2198 1KG-2.2LB 1INCH-25.4MM

Distinguishing mark	1.2	Manufacturer's type designation		PS13RM16PLUS	PS13RM30PLUS	PS13RM48PLUS	PS15RM16PLUS	PS15RM30PLUS	PS15RM48PLUS
	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	
Weight	1.8	Load distance ,centre of drive axle to fork		X(mm)	415			485	
	1.9	Wheelbase		Y(mm)	1350			1500	
	2.1	Service weight		kg	1750	1900	2200	1800	1950
	3.1	Tires			Polyurethane (PU)			Polyurethane (PU)	
	3.2	Tire size, front		mm	φ250X82			φ250X82	
Tyres, chassis	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	2196
	4.3	Free Lift height		h2(mm)	1600	---	1600	1600	---
	4.4	Lift		h3(mm)	1600	3000	4800	1600	3000
	4.5	Extended mast height		h4(mm)	2485	3885	5685	2485	3885
	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	
Performance data	4.32	Ground clearance, centre of wheelbase		m2(mm)	40			40	
	4.33	Aisle width for pallets 1000X1200 crossways		As1(mm)	2600 ¹			2710 ¹	
	4.34	Aisle width for pallets 800X1200 lengthways		As1(mm)	2650 ¹			2740 ¹	
	4.35	Turning radius		Wa(mm)	1570 ¹			1720 ¹	
	5.1	Travel speed, laden/ unladen		km/h	5.5/6.0-8.0/8.0			5.5/6.0-8.0/8.0	
Electric- engine	5.2	Lift speed, laden/ unladen		m/s	0.085/0.122			0.11/0.165	
	5.3	Lowering speed, laden/ unladen		m/s	0.125/0.08			0.11/0.10	
	5.8	Max. gradeability, laden/ unladen		%	5/8			5/8	
	5.10	Service brake			Electromagnetic			Electromagnetic	
	6.1	Drive motor rating		kW	2.6			2.6	
Additional data	6.2	Lift motor rating		kW	2.2			3.0	
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no			3PzS			4PzS	
	6.4	Battery voltage, nominal capacity		V/Ah	24 / 270			24 / 400	
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	

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