



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

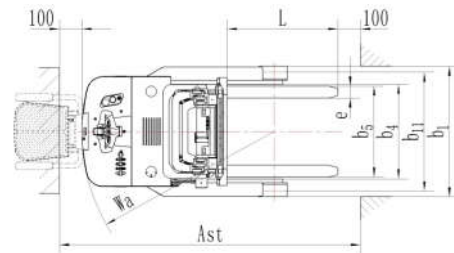
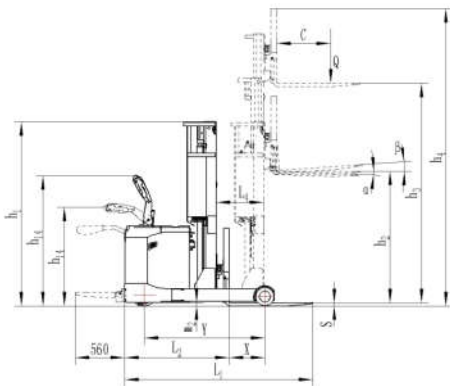
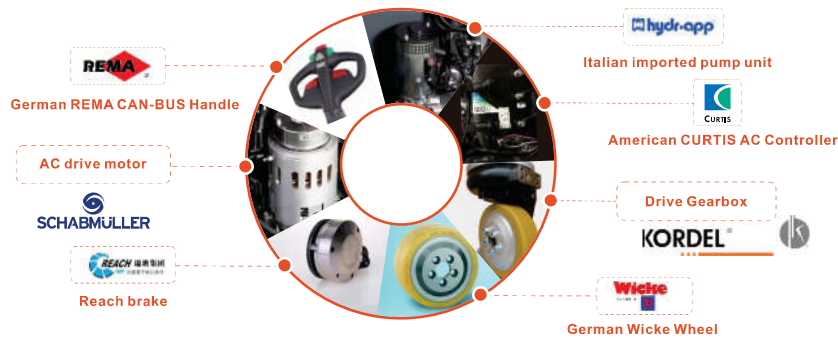
Straddle Leg

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 1tG-2.2tB 1tNGH-25.4MM						
Distinguishing mark	1.2	Manufacturer's type designation		PS13RM16PLUS	PS13RM30PLUS	PS13RM48PLUS
	1.3	Power(battery ,diesel,petrol gas,manual)		Battery		Battery
Weight	1.4	Operator type		Pedestrian		Pedestrian
	1.5	Load Capacity / rated load	Q(kg)	1300		1500
Tyres, chassis	1.6	Load centre distance	C(mm)	600		600
	1.8	Load distance ,centre of drive axle to fork	X(mm)	415		485
Dimensions	1.9	Wheelbase	Y(mm)	1350		1500
	2.1	Service weight	kg	1750	1900	2200
Performance data	3.1	Tires		Polyurethane (PU)		Polyurethane (PU)
	3.2	Tire size, front	mm	φ250X82		φ250X82
Electric- engine	3.3	Tire size, rear	mm	φ210X85		φ230X100
	3.4	Steering wheel size	mm	φ124X60		φ124X60
Additional data	3.5	Wheels, number front/rear(x=driven wheels)		1X+2/2		1X+2/2
	3.6	Tread, front	b10(mm)	680		690
Dimensions	3.7	Tread, rear	b11(mm)	1085		1085
	4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	2/4		2/4
Performance data	4.2	Lowered mast height	h1(mm)	2196	2096	2196
	4.3	Free Lift height	h2(mm)	1600	---	1600
Dimensions	4.4	Lift	h3(mm)	1600	3000	4800
	4.5	Extended mast height	h4(mm)	2485	3885	5685
Performance data	4.9	Height of tiller in drive position min./ max.	h14(mm)	1030/1415		1030/1415
	4.15	Height, lowered	h15(mm)	50		50
Dimensions	4.19	Overall length	l1(mm)	2080		2160
	4.20	Length to face of forks	l2(mm)	1160		1240
Dimensions	4.21	Overall width	b2(mm)	1180		1184
	4.22	Fork dimensions	s/e/l(mm)	35/100/920(1070)		35/100/920(1070)
Dimensions	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
Dimensions	4.28	Reach distance	l4(mm)	545		630
	4.32	Ground clearance, centre of wheelbase	m2(mm)	40		40
Dimensions	4.33	Aisle width for pallets 1000X1200 crossways	Ast1(mm)	2600 [†]		2710 [†]
	4.34	Aisle width for pallets 800X1200 lengthways	Ast1(mm)	2650 [†]		2740 [†]
Dimensions	4.35	Turning radius	Wa(mm)	1570 [†]		1720 [†]
	5.1	Travel speed, laden/ unladen	km/h	5.5/6.0-8.0/8.0		5.5/6.0-8.0/8.0
Performance data	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
Performance data	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
Performance data	6.3	Battery acc. to DIN 43531/ 35/ 36A, 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