

## THE MOST VERSATILE STACKER

# PS13/15RM PLUS

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

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.

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



### ADVANTAGES:

- Straddle leg design
- Forward function
- AC drive system
- Operator's 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

## FEATURE HIGHLIGHTS

### Fork Tilting

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

### Reach Mast

In comparison with common counterbalance heavy stacker, PS13/15RM PLUS not only have same stability, but also have flexible.

### 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**

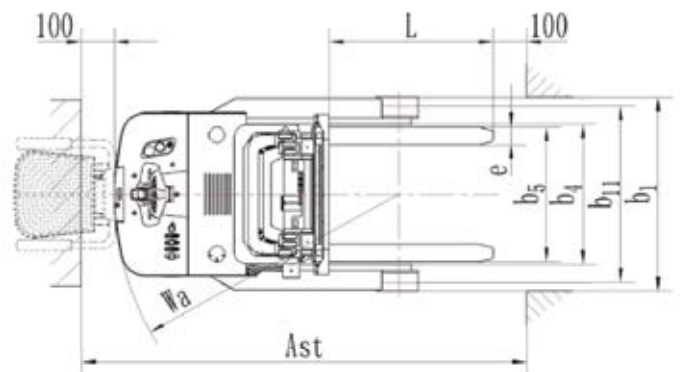
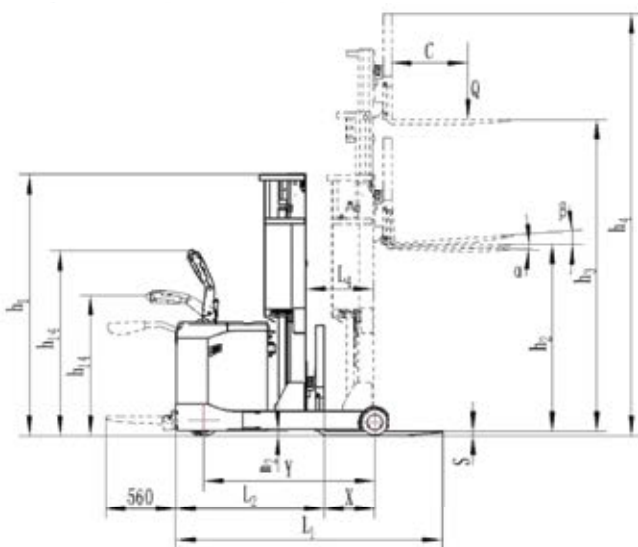
Direct entry of 800×1220 mm pallet with upgraded design of the straddle 880 mm inner width.



880mm

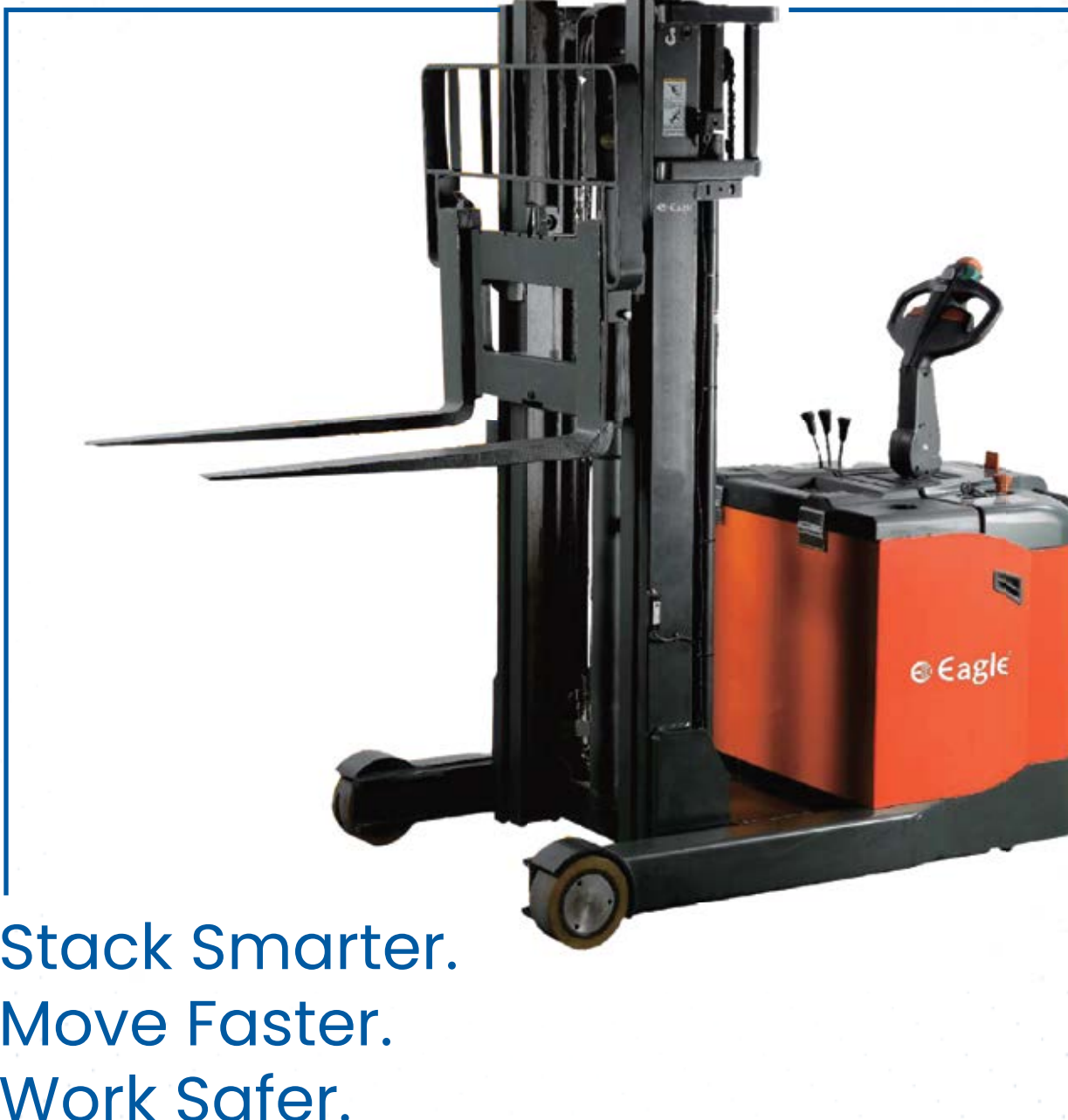
**Mast table PS13/15RMPLUS**

Designation	Lowered mast height h1 (mm)	Free lift height h2 (mm)	Lift height h3 (mm)	Extended mast height h4 (mm)
Single-stage mast	1796	1200	1200	2085
	2196	1600	1600	2485
	2396	1800	1800	2685
Two-stage mast	1796		2400	3285
	2096		3000	3885
Three-stage mast FFL	1796	1200	3600	4485
	2096	1500	4500	5385
	2196	1600	4800	5685



## Type Sheet for Industrial Truck acc to VDA 2198 1 kg= 2.2lb 1 inch =25.4 mm

				PS13RMPLUS			PS15RMPLUS		
Identification	1.2	Manufacturer's type designation		Battery			Battery		
	1.3	Power/battery,diesel,petrol (gas>manual)		Pedestrian			Pedestrian		
	1.4	Operator type							
	1.5	Load Capacity / rated load	(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
Wheels chassis	3.1	Tires		Polyurethane (PU)			Polyurethane (PU)		
	3.2	Tire size, front	Øxv (mm)	Ø 250×82			Ø 250×82		
	3.3	Tire size, rear	Øxv (mm)	Ø 210×85			Ø 230×100		
	3.4	Steering wheel size	Øxv (mm)	Ø 124×60			Ø 124×60		
	3.5	Wheels, number front/rear (mid/driven wheels)		1×+2/2			1×+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	αβ (o)	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	h13(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	b1(mm)	1184			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		
	4.28	Distance between supporting arm and load side	b4(mm)	880			880		
	4.29	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 600X1200 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		
E - Motor	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		3P <sub>2</sub> S	4P <sub>2</sub> S		3P <sub>2</sub> S	4P <sub>2</sub> S	
	6.4	Battery voltage nominal capacity	V/Ah	24/270	24/400		24/270	24/400	
Other Details	8.1	Type of drive control		AC-Speed Control			AC-Speed Control		
	8.4	Sound level of driver's ear acc.to EN 12053	dB (A)	67			67		



**Stack Smarter.  
Move Faster.  
Work Safer.**

Marketed by:

**Accurate Meezan Trading LLC**

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