



Electric pedestrian stacker PSM 1.2

Lift height: 2430-3530 mm / Load capacity: 1200 kg



PSM 1.2

The everyday hero of the stacker segment.

Perfect for warehouses, production and retail.

The AntOn by Jungheinrich PSM 1.2 brings together the features you expect from a versatile entry-level truck: user-friendly handling, consistent performance and an optimal price-performance ratio.

In warehouses, production areas and shops, the compact electric stacker truck handles loads at medium heights of up to 3,530 mm and offers impressive stability, ease of use and safety in tight spaces.

With a lithium-ion battery and built-in charger, this robust entry-level model provides ample power for ongoing transport tasks and can be charged during breaks at any suitable socket.

Quickly delivered, the PSM 1.2 simplifies everyday work for operators and increases efficiency in modern logistics thanks to its intuitive operation and maintenance-free design.

All benefits at a glance

- A versatile entry-level model in the stacker segment.
- Robust, safe and reliable in everyday use.
- High stability at lift heights of up to 3,530 mm.
- Lithium-ion technology with long runtimes and consistent performance.
- Available quickly for short-term needs.

Versatile

Robust assistant for flexible deployment.

- Attractive design and high durability.
- Ideal for medium-height shelves with lift heights between 2,430 and 3,530 mm.
- The fork length of 1,150 mm is ideal for standard pallets.
- Stable mast with double chains provides even lifting.
- Robust cover for high durability in any setting.
- Plexiglass panel providing finger protection with good mast visibility.

Straightforward.

Comfort and safety in everyday warehouse operations.

- Easy operation and handling for all employees.
- Generous workplace with clearly arranged controls.
- Ergonomic arrangement of all driving, lifting and lowering controls on the tiller head.
- Body protection button on the tiller head for high operating safety.
- Standard speed reduction at raised positions to protect operators and goods.
- Easy self-service with video tutorials.

Cost effective

Economical entry-level model with reliable performance.

- Modern entry-level truck with the best price-performance ratio.
- Practical solution for typical in-house warehouse and transport tasks.
- Maintenance-free lithium-ion battery for flexible charging and high availability.
- User-friendly charging processes thanks to built-in charger.
- Rapid availability of spare parts to minimise downtime.

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich					
	1.2	Manufacturer's type designation		PSM 1.2 (ZT2430, 570)	PSM 1.2 (ZT2430, 685)	PSM 1.2 (ZT2930, 570)	PSM 1.2 (ZT2930, 685)	PSM 1.2 (ZT3530, 570)	PSM 1.2 (ZT3530, 685)
	1.3	Drive type		electric					
	1.4	Operation		Tiller					
	1.5	Load capacity/load	Q kg	1200					
	1.6	Load centre distance	c mm	600					
	1.8	Load distance, centre of drive axle to fork	x mm	802					
	1.9	Wheelbase	y mm	1210					
Weights	2.1	Netto weight	kg	525		540		560	
	2.2	Axle load laden front/rear	kg	585 / 1140		595 / 1145		609 / 1151	
	2.3	Axle load unladen front/rear	kg	385 / 140		395 / 145		409 / 151	
Wheels/chassis	3.1	Tyres		Polyurethane (PU)					
	3.2	Tyre size, front		Ø190x55					
	3.3	Tyre size, rear		Ø74x88					
	3.4	Additional wheels		Ø128x50					
	3.5	Wheels, number front/back (x=driven)		1x 1/2					
	3.6	Tread width, front	b10 mm	597					
	3.7	Tread width, rear	b11 mm	420	535	420	535	420	535
Basic dimensions	4.2	Retracted mast height (h1)	h1 mm	1817		2067		2367	
	4.4	Lift (h3)	h3 mm	2430		2930		3530	
	4.5	Extended mast height (h4)	h4 mm	3032		3532		4132	
	4.9	Height of tiller handle in drive position min./max.	h14 mm	760 / 1140					
	4.15	Height, lowered	h13 mm	92					
	4.19	Total length	l1 mm	1733					
	4.20	Length including fork shank	l2 mm	583					
	4.21.1	total width	b1 mm	832					
	4.22	Fork dimensions	s/ e/l mm	75 x 170 x 1150					
	4.24	Fork carriage width	b3 mm	680	795	680	795	680	795
	4.25	Width across forks	b5 mm	570	685	570	685	570	685
	4.32	Ground clearance centre of wheelbase	m2 mm	30					
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast mm	2295					
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	2225					
	4.35	Turning radius	Wa mm	1460					
Performance data	5.1	Travel speed laden/unladen	km/h	4 / 4.5					
	5.2	Lift speed laden/unladen	m/s	0.11 / 0.15					
	5.3	Lowering speed laden/unladen	m/s	0.11 / 0.11					
	5.8	Max. gradeability laden/unladen	%	3 / 10					
	5.10	Service brake		electromagnetic					

Electric motor/electronics	6.1	Drive motor, performance S2 60 min	kW	0.75
	6.2	Lift motor, performance with S3	kW	2.2
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 40
	6.5	Battery weight	kg	11
Other	8.1	Type of drive control		Impulse/DC
	10.7	Sound pressure level according to EN12053	dB (A)	74
- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.				

Appendix

