anton
BY JUNGHEINRICH



Electric pedestrian stacker

PSM 1.2

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

li-ion

PSM 1.2

The everyday hero in the stacker truck segment.

Perfect for warehouses, production or retail.

The AntOn by Jungheinrich PSM 1.2 offers everything you would expect from a versatile entry-level model: user-friendly operation, consistent performance and excellent value for money.
Whether in the warehouse, production area or retail branch, the compact electric stacker truck manoeuvres loads to medium heights of up to 3,530 mm, excelling through stability, easy operation and enhanced safety in confined spaces.
With its Li-ion battery and integrated charger, this robust entry-level model always delivers sufficient power for pending transport tasks and can be recharged at any suitable socket during breaks.
Rapidly delivered, the PSM 1.2 makes everyday work easier for operators and, with its intuitive operation and maintenance-free design, ensures greater efficiency in modern logistics.

All benefits at a glance

- Versatile entry-level stacker truck.
- Robust, safe and reliable in daily use.
- High stability at lift heights up to 3,530 mm.
- Lithium-ion technology ensures long operating times and consistent performance.
- Rapidly available for short-term requirements.

Versatile

A reliable helper for flexible use.

- Attractive design and high durability.
- With lift heights between 2,430 mm and 3,530 mm, ideal for medium-height racking.
- Ideal for standard pallets thanks to the fork length of 1,150 mm.
- Even lifting thanks to the stable mast with double chains.
- Robust cover for high durability in any environment.
- Plexiglas panel provides finger protection with good visibility of the mast.

Straightforward

Comfort and safety in day-to-day warehouse operations.

- Easy to use and handle – suitable for all staff.
- Spacious workplace with clearly arranged functional elements.
- Ergonomic arrangement of all travel, lift and lower controls on the tiller head.
- Body protection button on the tiller head for a high level of operational safety.
- Standard speed reduction in the raised position to protect operators and goods.
- Simple self-service with video guides.

Cost-effective

Cost-efficient entry-level model with reliable performance.

- Modern entry-level truck with an excellent price/performance ratio.
- A practical solution for typical in-house warehouse and transport tasks.
- Maintenance-free Li-ion battery for flexible charging and high availability.
- User-friendly charging processes thanks to the integrated charger.
- Rapid spare parts availability to minimise downtime.

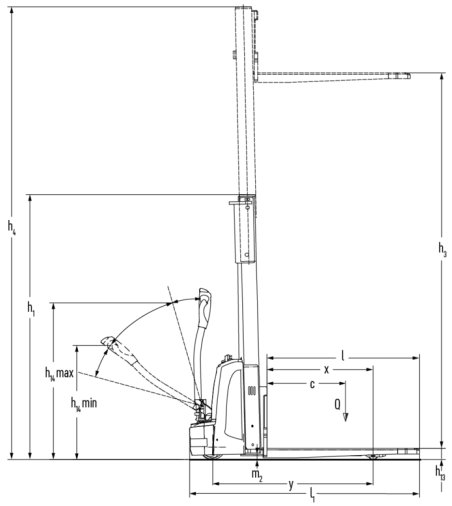
VDI table

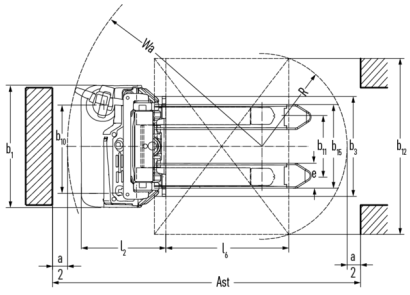
Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich						
	1.2	Manufacturer's type designation			PSM 1.2 (ZT2430, 570)	PSM 1.2 (ZT2430, 685)	PSM 1.2 (ZT2930, 570)	PSM 1.2 (ZT2930, 685)	PSM 1.2 (ZT3530, 570)	PSM 1.2 (ZT3530, 685)	
	1.3	Drive			electric						
	1.4	Operation			Tiller						
	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	tare 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/suspension system	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						

E-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


h4
h1
h3
h14 max
h14 min
l
x
c
Q
m2
y
l1
h12


Wa
b1
b11
b5
b11
b6
b3
b12
e
l2
l6
a
2
a
2
Ast

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

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