



ES12-25WA

Electric Stacker 1.2t

Straddle Design Improves the Stability of Stacking;
Suitable for Handling and Stacking of Various Non-standardized Pallets.

EP EQUIPMENT CO.,LTD
www.ep-ep.com

FEATURE

Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.
- H shape channel mast improves the strength of the whole truck.
- Staddle design ensures the stability of high lifting.



Safety

- Safe hydraulic system design prevents mast from falling down abruptly when hydraulic pipeline cuts off.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of control.
- Multiple lifting limit protection ensures safety.
- Automatic switch to lower speed when the fork reaches its setting height.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.
- Long operational tiller ensures safety distance for operators.

Operation

- With the new design of ergonomical tiller head, all buttons can be reached conveniently & comfortably.
- Long tiller reduces the steering force greatly.
- Adjustable forks, suitable for complicated pallets or cargos.
- Creep speed function: when tiller is in near vertical position, the driving speed will decrease automatically, allowing delicate operation in confined space.
- Side-open battery design for easy battery replacement and various applications.

Maintenance

- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosening four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Mast and chassis are assembled together, easy for maintenance.
- Low voltage cut off setting protects batteries.

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Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		ES12-25WA
1.3	Drive unit		Electric
1.4	Type of operation		pedestrian
1.5	Rated capacity	Q	kg
1.6	Load center distance	c	mm
1.8	Load distance, centre of drive axle to fork	x	mm
1.9	Wheelbase	y	mm
Weight			
2.1	Service weight (include battery)		kg
2.2	Axle loading, laden driving side/loading side		kg
2.3	Axle loading, unladen driving side/loading side		kg
Types, Chassis			
3.1	Tyre type Driving wheels/Loading wheels		PU/PU
3.2	Tyre size, driving wheels (diameter×width)	mm	Φ230×75
3.3	Tyre size, loading wheels (diameter×width)	mm	Φ102×50
3.5	Wheels, number driving, caster/loading (x=drive wheels)	mm	1x+0/4
3.7	Track width, rear, loading side	b ₁₁	mm
Dimensions			
4.2	Height, mast lowered	h ₁	mm
4.3	Free lift	h ₂	mm
4.4	Lift height	h ₃	mm
4.5	Height, mast extended	h ₄	mm
4.9	Height drawbar in driving position min./max.	h ₁₄	mm
4.10	Height of wheel arms	h ₈	mm
4.15	Lowered height	h ₁₃	mm
4.19	Overall length	l ₁	mm
4.20	Length to face of forks	l ₂	mm
4.21	Overall width	b ₁ / b ₂	mm
4.22	Fork dimensions	s/ e/ l	mm
4.24	Fork carriage width	b ₃	mm
4.25	Distance between fork-arms	b ₅	mm
4.26	Distance between wheel arms	m ₁	mm
4.32	Ground clearance, center of wheelbase	m ₂	mm
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm
4.35	Turning radius	Wa	mm
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	5.0/5.5
5.2	Lifting speed, laden/ unladen	m/ s	0.127/ 0.23
5.3	Lowering speed, laden/ unladen	m/ s	0.26/0.20
5.8	Max. gradeability, laden/unladen	%	8/ 16
5.10	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	1.1
6.2	Lift motor rating at S3 15%	kW	2.2
6.3	The maximum allowed size battery	mm	650/225/open
6.4	Battery voltage/nominal capacity K5	V/ Ah	24/210
6.5	Battery weight	kg	160
Addition data			
8.1	Type of drive unit		AC
10.5	Steering type		Mechanical
10.7	Sound pressure level at the driver's ear		74

- 1.The parameters in the table are of the standard model. For more information, please contact us.
2.The parameters are subject to change without notice.

