

COMERCIAL ROVITEC SpA.

Fonos: 7725038 - 7724802

Let's grow together

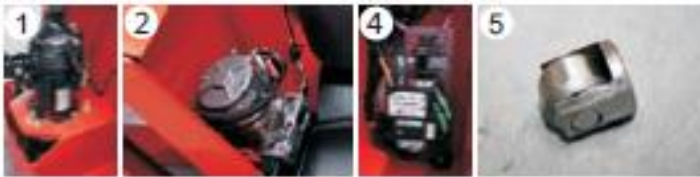
ES10-22WA/ES12-25WA
Straddle Electric Stacker 1.0-1.2t

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



Performance & Reliability

1. The innovative AC system offers quick response, accurate control, impact structure, excellent performance, longer battery service life.
2. World-class hydraulic power pack, with low noise, low vibration and excellent leak tightness, automatically adjusts the rate of decline whether loaded or unloaded, and ensures smooth lifting.
3. The latest AC controller, high reliability, with regenerated braking, anti-roll back and adjustable settings, ensures the best performance in the different states.
4. High-precision mast roller included side roller, ensures smoothly lifting.



Operability

1. The ergonomically designed handle ensures smooth and easy controls of all operation. All the operation of lifting and traveling, will be easily achieved by touching the button switches in the handle.
2. Fork and straddle is adjustable for a variety of operation.
3. Wider view mast ensures the operator better vision to reduce the risk of collision.



Serviceability

1. Vertical motor ensures convenience inspection and maintenance of motor and brake, provide much better maintainability than horizontal motor.
2. Self-Diagnostics provided through the digital display allow easy trouble-shooting with the use of an external handset.
3. Open design of battery box, makes room for larger capacity battery.



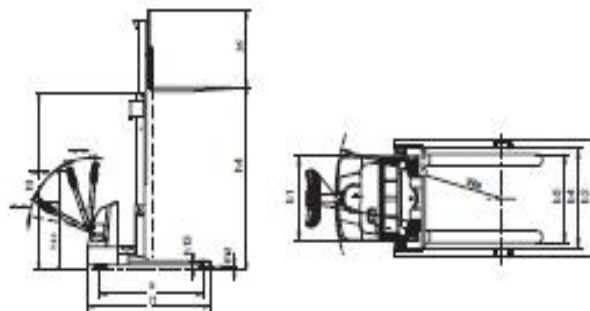
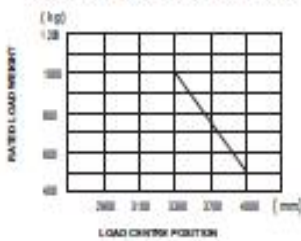
Safety

1. Explosion-proof valve installed under lifting cylinder, prevent the mast go down quickly if the oil pipe broken.
2. Anti-roll back available as standard to prevent uncontrolled traveled travel speed or roll-back on ramps when loading and unloading.
3. Emergency plug mounted at up-right side on truck frame, all power can be cut off by simply pulling emergency plug and the truck stops immediately.
4. The truck switches to low speed mode automatically when lifting higher than 0.5m, more secure.
5. Sideway battery design, easy for replacement.



ES16-22 WA/12-25WA		
Standard Features	Option	
1 Emergency stop & Bely Button	1	Load backrest
2 BDI and lift urmeter	2	Cold storage harness
3 Horn & Electrical Brake	3	Load wheel dual / angle
4 Casters to balance stability	4	Fork width and length option (size)
5 Grease fitting	5	Charger
6 Industrial battery	7	Maintenance free battery
7 Battery cable and plug	8	Heavy-duty industry battery
8 Progressive speed AC control system	9	Customized battery compartment
9 Cree option (as standard)	11	Special colour
10 Ergonomic handle		
11 Side way battery change		
12 Vertical-lifting battery change (as standard)		

RATED CAPACITIES AND LOAD CENTRES GRAPH



Straddle Electric Stacker 1.0-1.2t

Characteristics			
1.1	Manufacturer		EP
1.2	Model designation		ES10-ZWA
1.3	Drive unit		Battery
1.4	Operator type		Walkie
1.5	Load capacity	Q (kg)	900
1.6	Load center	c (mm)	400
1.8	Wheelbase	y (mm)	1374
Weights			
2.1	Service weight (incl. battery)	kg	960
Wheels, Chassis			
3.1	Tyre type		PU/ PU
3.2	Tyre size, operator side (diameter x width)	mm	Φ230x 75
3.3	Tyre size, load side (diameter x width)	mm	Φ102x 50
3.5	Wheels, number operator/load side (positive wheels)		1x/ 2
3.7	Track, load side	b ₁₁ (mm)	1045/ 1345
Dimensions			
4.2	Height, mast lowered	h ₁ (mm)	2110
4.3	Free lift	h ₂ (mm)	450
4.4	Lift height	h ₃ (mm)	3300
4.5	Height, mast extended	h ₄ (mm)	4190
4.9	Height of filler arm in operating position, incl. mast	h ₁₄ (mm)	825/ 1190
4.10	Height of straddle arms or load wheel casing	h ₅ (mm)	100
4.15	Fork height, lowered	h ₁₅ (mm)	75
4.19	Overall length	l ₁ (mm)	1948
4.20	Length to back of fork	l ₂ (mm)	87
4.21	Overall width	b/b ₂ (mm)	1120/ 1420
4.22	Fork dimensions	a/a ₁ (mm)	40/ 400/ 1070
4.24	Fork carriage width	b ₃ (mm)	80
4.25	Outside fork width, min/max	b ₄ (mm)	254/ 780
4.26	Width between straddle arms	b ₅ (mm)	970/ 1270
4.32	Ground clearance, center of wheelbase	m ₂ (mm)	50
4.33	Aisle width, 1000x1200 pallet crossways	A ₁ (mm)	2157
4.34	Aisle width, 800x1200 pallet lengthways	A ₂ (mm)	2197
4.35	Outer turning radius	W ₁ (mm)	1545
Performance			
5.1	Travel speed, laden/unladen	km/h	5.5/ 6.0
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	Maximum gradeability, laden/unladen S ₀ 5 min.	%	8/ 16
5.10	Service brake		Electromagnetic
Drive			
6.1	Drive motor rating S ₀ , 60 min.	kW	1.1
6.2	Lift motor rating at S ₀ , 15%	kW	2.2
6.4	Battery voltage/ rated capacity (Ah)	V/Ah	24/ 160
6.5	Battery weight (with box)	kg	90
	Battery compartment dimensions l/w/h	mm	---
	Battery type		---
Others			
8.1	Type of drive control		AC
	Manufacturer		ZAPR
8.4	Sound level at operator's ear	dB (A)	74

1. Special lifting height available
2. The specification in the table is for standard models only. For further information please contact us.
3. Specification are subject to change without notice.