



ES10-ES2

Electric Stacker 1.0t

■ New Choice of Entry-level Electric Stacker

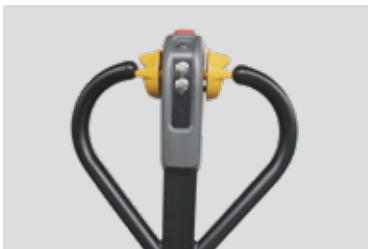
EP EQUIPMENT CO.,LTD
www.ep-ep.com



FEATURE

Performance

- Robust Structure;
- Highly specialized drive and hydraulic system ensure excellent driving performance and high reliability.
- Low-noise and durable hydraulic unit, high quality cylinder as well as hose ensure high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.



Safety

- Safety hydraulic design prevents mast from falling down abruptly when oil pipes cut off.
- Belly button prevents truck from hitting the operator.
- By simply pressing emergency disconnect, power supply will be immediately interrupted.
- Multi lifting limited switch ensures travel safety.
- Truck automatically switches to low speed mode, when lifting height is higher than setting height.
- Anti-rolling back braking device ensures trucks don't roll back on ramps.

Operation

- Ergonomic tiller head for effortless and comfortable operations.
- Tiller with long arm for smooth steering.
- Compact chassis design offers smallest turning radius needed.
- Side operating ensures excellent visibility.
- On-board Charger.

Maintenance

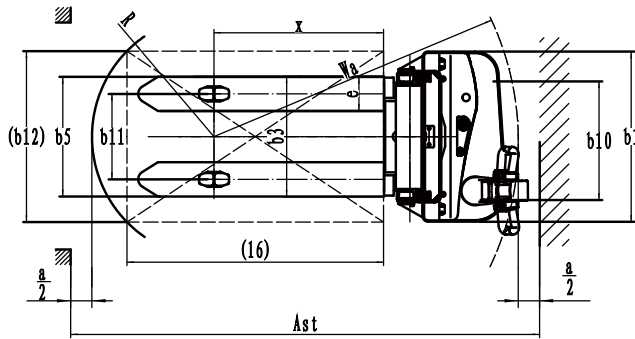
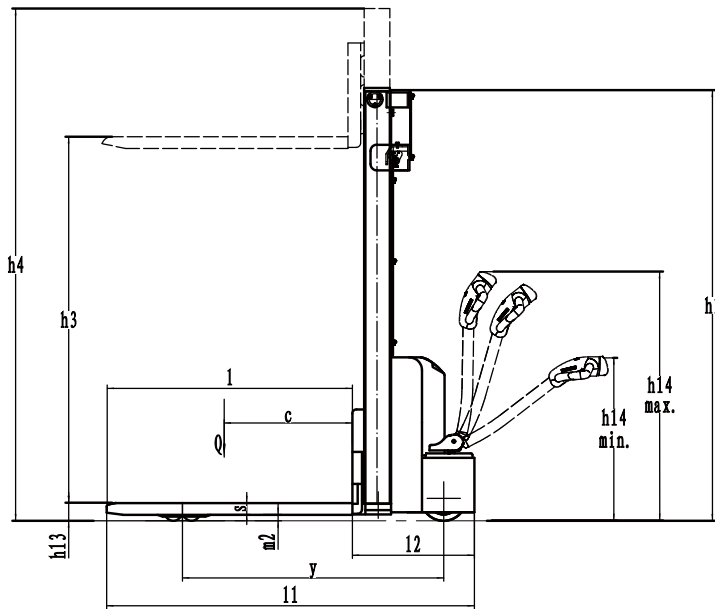
- Maintenance-free Battery.
- Battery display indicator with hour meter, reminds operator of charging on time (optional).
- Easy maintenance. Detach rear panel by losing only 2 screws for easy access.
- Self-Diagnostics signal on the digital display allows easy trouble-shooting.
- Easy Access of Hand Set.
- Low-voltage Cut-off Protection .

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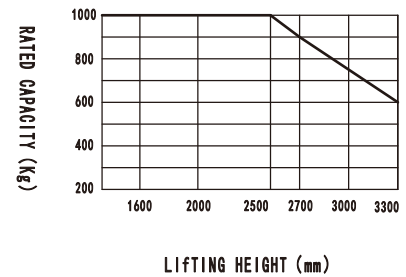
Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			ES10-ES2
1.3	Drive unit			Electrics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	1000
1.6	Load center distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	795
1.9	Wheelbase	y	mm	1220
Weight				
2.1	Service weight (include battery)		kg	558
2.2	Axle loading, laden driving side/loading side		kg	657/901
2.3	Axle loading, unladen driving side/loading side		kg	432/126
Types, Chassis				
3.1	Tyre type Driving wheels/Loading wheels			PU/PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Ø210×70
3.3	Tyre size, loading wheels (diameter×width)		mm	Ø80×60
3.4	Tyre size, caster wheels (diameter×width)		mm	Ø130×55
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x + 1/4
3.6	Track width, front, driving side	b ₁₀	mm	533
3.7	Track width, rear, loading side	b ₁₁	mm	400
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α / β	°	
4.2	Height, mast lowered	h ₁	mm	2026
4.3	Free lift	h ₂	mm	
4.4	Lift height	h ₃	mm	2930
4.5	Height, mast extended	h ₄	mm	3487
4.6	Initial lift	h ₅	mm	
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	860/ 1200
4.10	Height of wheel arms	h ₈	mm	
4.15	Lowered height	h ₁₃	mm	88
4.19	Overall length	l ₁	mm	1740
4.20	Length to face of forks	l ₂	mm	590
4.21	Overall width	b ₁	mm	800
4.22	Fork dimensions	s/ e/ l	mm	55/160/1150
4.24	Fork carriage width	b ₃	mm	550
4.25	Distance between fork-arms	b ₅	mm	560
4.26	Distance between wheel arms	b ₄	mm	
4.31	Ground clearance, laden, below mast	m ₁	mm	
4.32	Ground clearance, center of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2225
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2150
4.35	Turning radius	Wa	mm	1408
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	4/4.5
5.2	Lifting speed, laden/ unladen		m/ s	0.12/0.22
5.3	Lowering speed, laden/ unladen		m/ s	0.12/0.11
5.8	Max. gradeability, laden/unladen		%	3/10
5.10	Service brake type			Electromagnetic
Electric engine				
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	2.2
6.3	The maximum allowed size battery		mm	325x180x230
6.4	Battery voltage/nominal capacity K20		V/ Ah	2x12/105
6.5	Battery weight		kg	2x30
Addition data				
8.1	Type of drive unit			DC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear		dB (A)	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.



RATED CAPACITIES GRAPH



Mast Option

mast types	Lift h3+h13 (mm)	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4 (mm)
Duplex ZT	2515	1776	—	2991
	2715	1876	—	3191
	3015	2026	—	3491
	3315	2176	—	3791

Option

Optional items	ES10-ES2
4 Fork width	○685mm/600mm
10 Driving wheel	○Curved PU wheel
16 Mast screen	● plexi board
17 Battery indicator with hour meter	○
19 Battery capacity	○85AH /105AH /120AH
27 Height limitation	○
31 half speed function in turning	—
34 Special backrest	—

●standard ○option