



EST101

Electric Stacker 1.0T

- More Convenient
- Wider View
- More Reliable

EP EQUIPMENT CO.,LTD
www.buy-imow.com



EP EQUIPMENT CO.,LTD

📍 NO.121 Yonghua Street, Shiqiao Road, Xia Cheng Qu , Hangzhou, China 📞 86-571-28035665

📞 86-571-28035656/28878695

🌐 www.buy-imow.com

✉ info@ep-ep.com



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PRODUCT FEATURES

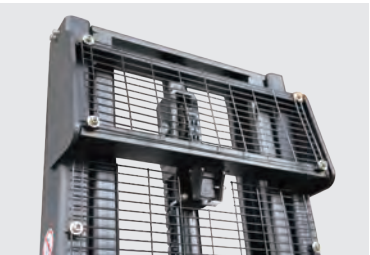
More convenient

Electric control system use module installation of the whole truck. Side roller is canceled in lifting system. Base on safety principle, the main-tenance will be easier.



Wider view

Special duplex mast use single chain makes operator view wider, which can ensure safety.



More Reliable

Use same control and power system, over 10 years market test.



ANGLE VIEW



PRODUCT PARAMETERS

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EST101
1.3	Drive unit			Electric
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	1160
Weight				
2.1	Service weight (include battery)		kg	505/535
2.2	Axle loading, laden driving side/loading side		kg	600 905/610 925
2.3	Axle loading, unladen driving side/loading side		kg	405 100/425 110
Types,Chassis				
3.1	Tyre type Driving wheels/Loading wheels			PU/ PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ210×70
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ74×72
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ80×61
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x+ 1/2
3.6	Track width, front,driving side	b ₁₀	mm	550
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	1900/2200
4.3	Free lift	h ₂	mm	0
4.4	Lift height	h ₃	mm	2630/3230
4.5	Height, mast extended	h ₄	mm	3215/3815
4.6	Initial lift	h ₅	mm	
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	750/ 1340
4.10	Height of wheel arms	h ₈	mm	
4.15	Lowered height	h ₁₃	mm	86
4.19	Overall length	l ₁	mm	1656
4.20	Length to face of forks	l ₂	mm	506
4.21	Overall width	b ₁	mm	800
4.22	Fork dimensions	s/ e/ l	mm	60/ 170/ 1150
4.24	Fork carriage width	b ₃	mm	680/795
4.25	Distance between fork-arms	b ₅	mm	570/685
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	26
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	1342
Performance data				
5.1	Travel speed, laden/ unladen		km/h	4.0/4.5
5.2	Lifting speed, laden/ unladen		m/ s	0.11/0.21
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	260x170x210
6.4	Battery voltage/nominal capacity K20		V/ Ah	2x12/85
6.5	Battery weight		kg	2x22.5
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

LINE GRAPH

