



ESD101

Electric Stacker 1.0T

- Entry-level straddle stacker for low intensity applications
- Ergonomic handle design
- Adjustable forks
- Maintenance-free battery with integral charger

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www.imowshop.com



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iMOW

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

86-571-28035656/28878695

www.imowshop.com

info@imowshop.com

PRODUCT FEATURES

■ Entry-level straddle stacker for low intensity applications

ESD101 is an entry-level straddle stacker that is suitable to be used in warehousing, logistics, and manufacturing applications. With a turning radius of 1399mm, ESD101 offers excellent operation maneuverability in confined space and be seen as cost-effective equipment with space restrictions due to its compact design.



■ Ergonomic handle design

ESD101 comes with a thumb button on its handle to control the driving speed. The auto-reverse belly button allows operators to stop the truck when running into emergency.



■ Adjustable forks

Compare with standard stackers, ESD101 is more flexible to be used in warehouse with various types of cargo with its adjustable fork legs. The adjustable forks is suitable for all kinds of pallets.



■ Maintenance-free battery with integral charger

ESD101 is equipped with the AGM battery that doesn't require maintenance on regular basis and offers relatively long service life. The on-board integral charger enables this stacker to be charged anywhere without a special charging room.



PRODUCT PARAMETERS

Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		ESD101
1.3	Drive unit		Battery
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 810
1.9	Wheelbase	y	mm 1187
Weight			
2.1	Service weight (include battery)		kg 610
2.2	Axle loading, laden driving side/loading side		kg 760/850
2.3	Axle loading, unladen driving side/loading side		kg 490/120
Types,Chassis			
3.1	Tyre type Driving wheels/Loading wheels		PU/ PU
3.2	Tyre size, driving wheels (diameter*width)		mm Φ210x70
3.3	Tyre size, loading wheels (diameter*width)		mm Φ100x50
3.4	Tyre size, caster wheels (diameter*width)		mm Φ74x61
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm 1x+ 1/ 2
3.6	Track width, front,driving side	b10	mm 515
3.7	Track width,rear,loading side	b11	mm 1145
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/ β	°
4.2	Height, mast lowered	h1	mm 2050
4.3	Free lift	h2	mm 0
4.4	Lift height	h3	mm 2920
4.5	Height, mast extended	h4	mm 3515
4.6	Initial lift	h5	mm
4.9	Height drawbar in driving position min./max.	h14	mm 750/ 1340
4.10	Height of wheel arms	h8	mm
4.15	Lowered height	h13	mm 85
4.19	Overall length	l1	mm 1580
4.20	Length to face of forks	l2	mm 510
4.21	Overall width	b1	mm 1420
4.22	Fork dimensions	s/ e/ l	mm 100*40*1070
4.24	Fork carriage width	b3	mm 780
4.25	Distance between fork-arms	b5	mm \
4.26	Distance between wheel arms	b4	mm
4.31	Ground clearance, laden, below mast	m1	mm
4.32	Ground clearance, center of wheelbase	m2	mm 25
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 2304
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 2304
4.35	Turning radius	Wa	mm 1399
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		% 4/8
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	2x24
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

