



V2010.01



## EST152

Electric Stacker 1.5T

- Strong chassis
- Rigid mast
- Easy operation
- Efficient hydraulic system

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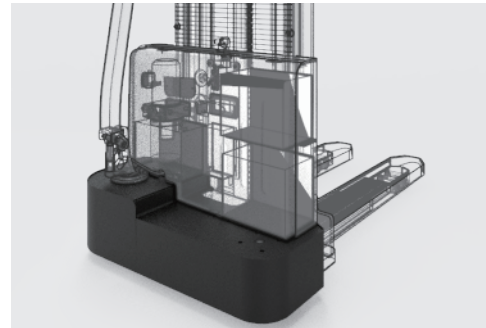


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## PRODUCT FEATURES

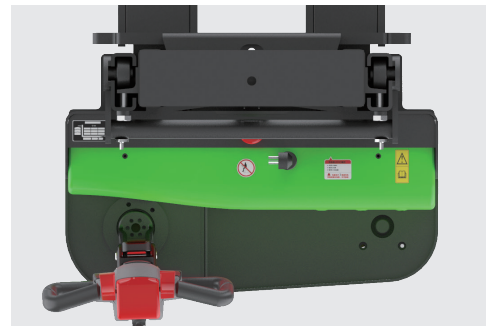
- **Strong chassis**

The side impact beam, plates, and boxes make the chassis stronger and can greatly reduce stress and deformation caused by heavy load.



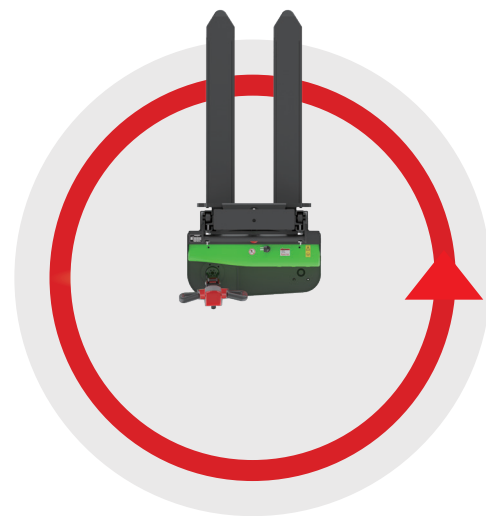
- **Rigid mast**

The rigidity of the mast is greatly improved by its beam structure to provide smooth lifting and stacking for daily operation.



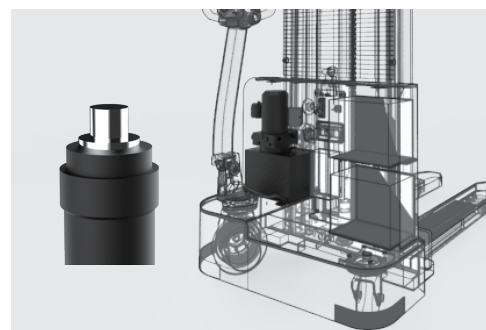
- **Easy operation**

The extra-long and offset tiller with the crawl speed button provides EST152 a better visibility and nimble maneuverability when operating in tight space.



- **Efficient hydraulic system**

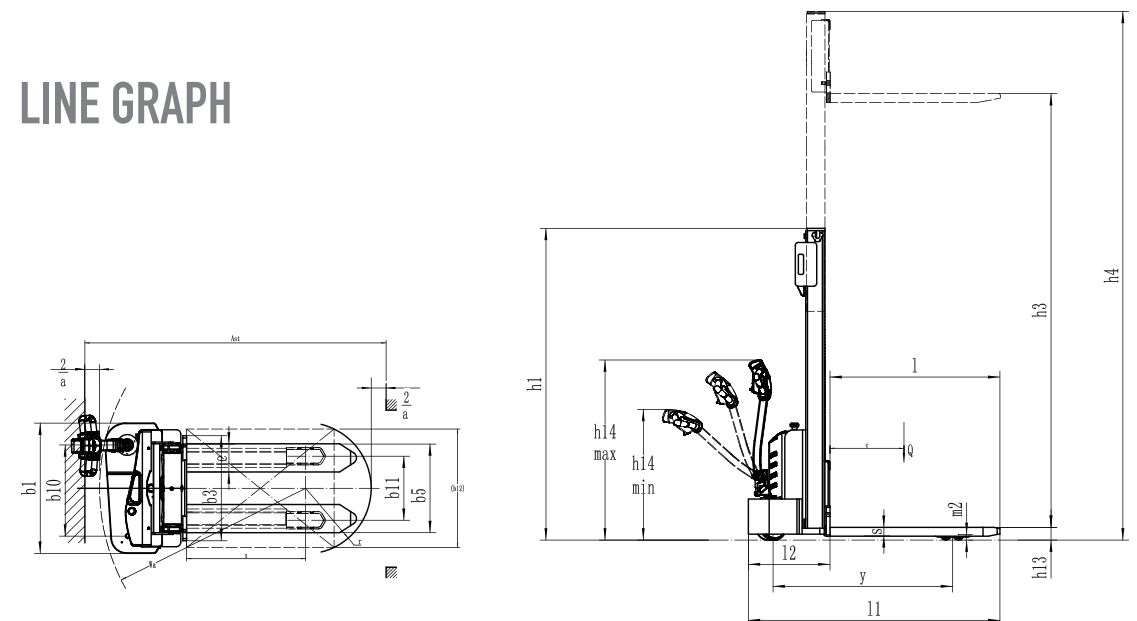
High quality hydraulic pump ensures very little noise, maximum efficiency, durability and shortens lifting time.



## PRODUCT PARAMETERS

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EST152
1.3	Drive unit			electronics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	1500
1.6	Load center distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	796
1.9	Wheelbase	y	mm	1212
Weight				
2.1	Service weight (include battery)		kg	605
2.2	Axle loading, laden driving side/loading side		kg	675/1130
2.3	Axle loading, unladen driving side/loading side		kg	455/150
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	Ø74×72
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	b10	mm	526
3.7	Track width,rear,loading side	b11	mm	400
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β	mm	
4.2	Height, mast lowered	h1	mm	2090
4.3	Free lift	h2	mm	
4.4	Lift height	h3	mm	2930
4.5	Height, mast extended	h4	mm	3571
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	1717
4.20	Length to face of forks	l2	mm	567
4.21	Overall width	b1	mm	796
4.22	Fork dimensions	s/ e/ l	mm	60/ 170/ 1150
4.24	Fork carriage width	b3	mm	680/795
4.25	Distance between fork-arms	b5	mm	570/685
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	2224
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2158
4.35	Turning radius	Wa	mm	1390
Performance data				
5.1	Travel speed, laden/ unladen		km/h	3.6/3.8
5.2	Lifting speed, laden/ unladen		m/ s	0.098/0.14
5.3	Lowering speed, laden/ unladen		m/ s	0.1/0.094
5.8	Max. gradeability, laden/unladen		%	4/10
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	0.75
6.2	Lift motor rating at S3 15%		kW	2.2
6.3	The maximum allowed size battery		mm	260x165x170
6.4	Battery voltage/nominal capacity		V/ Ah	2x12/85
6.5	Battery weight		kg	2x19.7
Addition data				
8.1	Type of drive unit			DC

## LINE GRAPH



## MAST OPTION

Mast types	Lift	h3+h13	Lowered mast height	h1	Free lift	h2	Extended mast height	h4
Duplex ZT		2520		1856		—		3071
		2720		1956		—		3271
		3020		2106		—		3571
		3320		2256		—		3871

## RATED CAPACITY

RATED CAPACITIES GRAPH

