

EST124

ELECTRIC STACKER 1.2T

 1200 kg  3013 mm  24 V AGM



Designed for shops, warehouses, and distribution centers, the EST124 is ideal for light stacking in rack systems ranging from 2.5 m to 3.6 m. Its compact design, polyurethane wheels, and turning radius of 1415 mm make it suitable for navigating narrow aisles and confined spaces. Operators benefit from ergonomic tiller control and turtle speed mode for precise and safe handling.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EST124
Battery voltage		V	24
Rated capacity	Q	kg	1200
Load centre distance	c	mm	600
Service weight		kg	470
Height, mast lowered	h ₁	mm	2067
Lift	h ₃	mm	2930
Height, mast extended	h ₄	mm	3532
Overall length	l ₁	mm	1706
Overall width	b ₁ /b ₂	mm	925
Length to face of forks	l ₂	mm	556
Fork dimensions	s/e/l	mm	60/170/1150
Turning radius	Wa	mm	1462
Drive			Electric
Operator type			Pedestrian

Features

Strong and stable chassis

The EST124 is built with a metal cover and reinforced frame that reduces stress and deformation under heavy loads. This ensures reliability and safety during everyday stacking operations.



Medium-height stacking capability

With lift heights of up to 3.6 meters, the EST124 is ideal for warehouses with medium rack systems. Its rigid mast structure allows smooth and consistent lifting performance.

Convenient charging system

Equipped with a 24V/80Ah AGM battery and integrated 10A charger, the EST124 supports easy daily charging without the need for external equipment, ensuring flexibility and reduced downtime.





Market-proven components

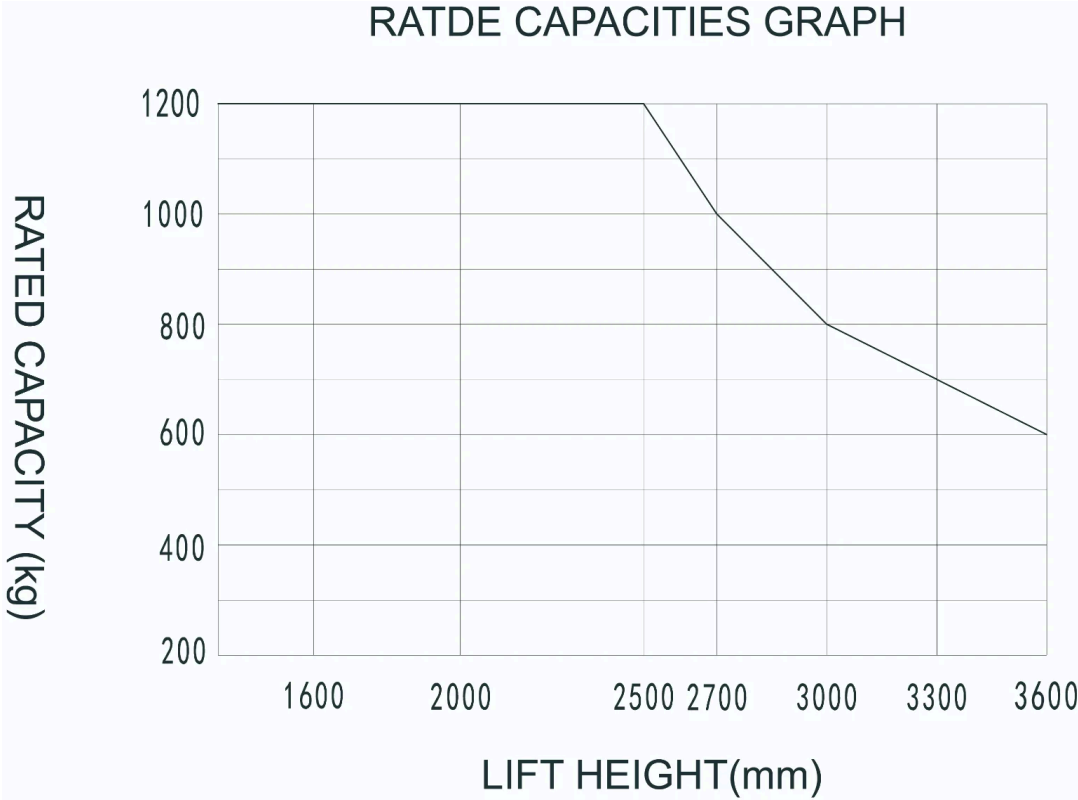
Designed with components from EP's bestsellers, including tiller head, drive unit, and hydraulic system, the EST124 guarantees reliable performance, simplified parts management, and reduced maintenance costs.

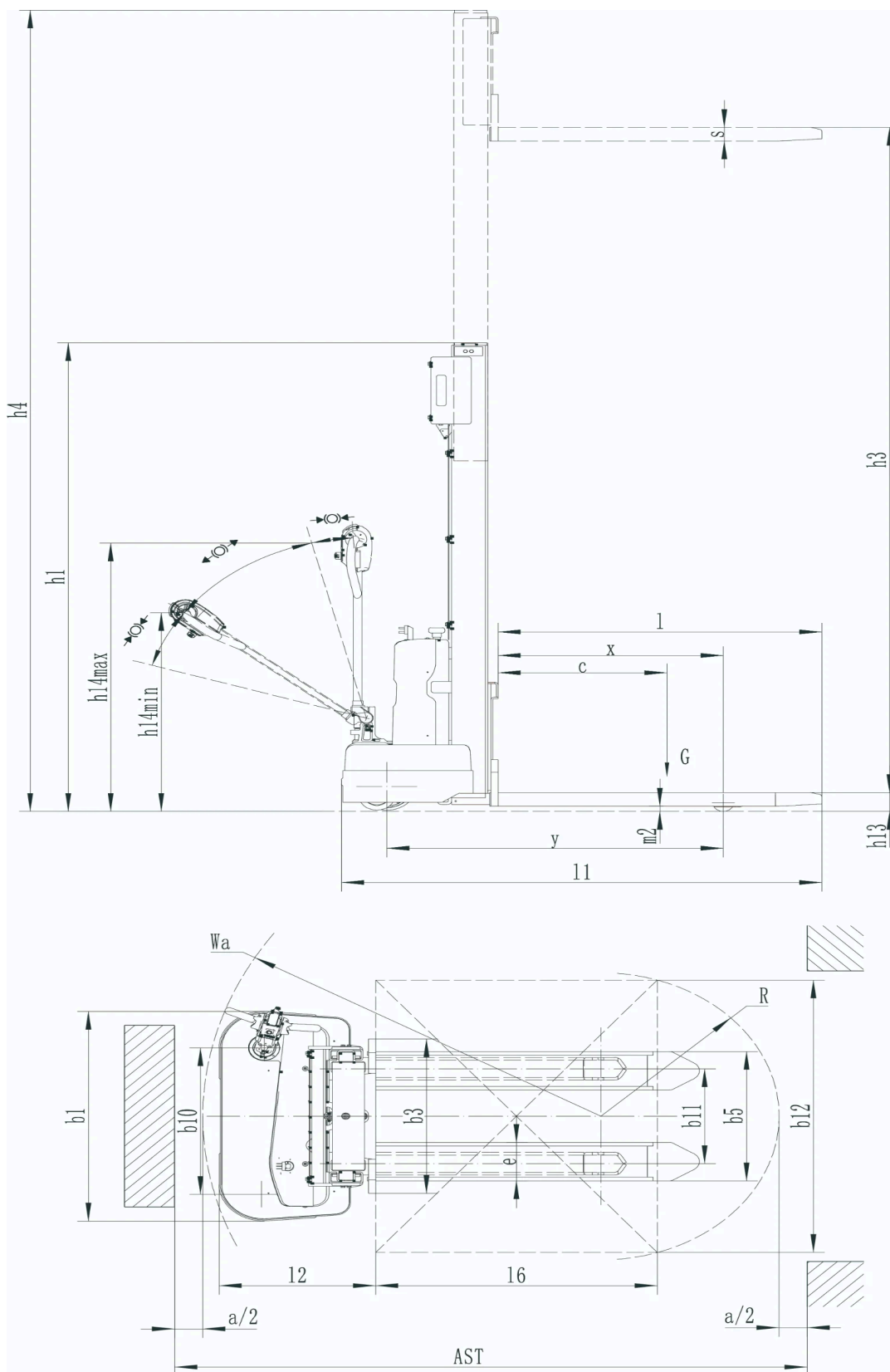
VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EST124
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1200
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	800
1.9	Wheelbase	y	mm	1195
2.1	Service weight		kg	470
2.2	Axle loading, laden front/rear		kg	520/1150
2.3	Axle loading, unladen front/rear		kg	345/125
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Ø210×70
3.3	Tyre size, rear		mm	Ø74×72
3.4	Additional wheels (castor wheels)		mm	Ø130×55
3.5	Wheels, number front/rear (x=drive wheels)			1x , 1/2
3.6	Tread width, front	b ₁₀	mm	645
3.7	Tread width, rear	b ₁₁	mm	418
4.2	Height, mast lowered	h ₁	mm	2067
4.4	Lift	h ₃	mm	2930
4.5	Height, mast extended	h ₄	mm	3532
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	760/1140
4.15	Height, lowered	h ₁₃	mm	90
4.19	Overall length	l ₁	mm	1706

SPECIFICATION		REF	UNIT	VALUE
4.20	Length to face of forks	l_2	mm	556
4.21	Overall width	b_1/b_2	mm	925
4.22	Fork dimensions	s/e/l	mm	60/170/1150
4.24	Fork carriage width		mm	680
4.25	Distance between fork-arms	b_5	mm	570
4.32	Ground clearance, centre of wheelbase	m_2	mm	23
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2294
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2226
4.35	Turning radius	Wa	mm	1462
5.1	Travel speed, laden/unladen		km/h	4.0/4.5
5.2	Lift speed, laden/unladen		m/s	0.10/0.15
5.3	Lowering speed, laden/unladen		m/s	0.12/0.10
5.8	Max. gradeability, laden/unladen		%	3/10
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.75
6.2	Lift motor rating at S3 15%		kW	2.2
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	80
6.4.3	Battery type			AGM
6.5	Battery weight		kg	38
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.57 ¹⁾
6.7	Turnover output according to VDI 2198			31.2
6.8	Turnover efficiency according to VDI 2198			51
8.1	Type of drive unit			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the driver's seat		dB(A)	74
15.1	Charger output current		A	10

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.





Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)
2-Standard Mast	2513	1817	3032

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)
2-Standard Mast	2713	1917	3232
2-Standard Mast	3013	2067	3532
2-Standard Mast	3313	2217	3832
2-Standard Mast	3613	2367	4132

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	570*1150 685*1150 570*1000 685*1000 570*1220 685*1220
Fork carriage width option	680 770
Load wheel material	PU
Drive wheel material	PU
Battery capacity	80Ah (AGM)
Charger	24V-10A integrated (AGM)
Battery indicator	Without time
Castor wheels	Yes and not customized
Turtle speed	Yes and not customized