



EPT12-F3H

HIGH LIFT ELECTRIC PALLET TRUCK 1.2T

 1200 kg  990 mm  24 V Li-Ion



The EPT12-F3H is ideal for environments where pallets need transporting and raising to an ergonomic working height (up to 990mm). It can serve as a height-adjustable workstation to feed assembly lines. In warehousing and logistics, it supports low-level order picking, packing, labeling, and sorting tasks, reducing frequent lifting and bending. Its compact size and the full electric functions ensure efficiency and flexibility in diverse applications.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPT12-F3H
Battery voltage		V	24
Rated capacity	Q	kg	1200
Load centre distance	c	mm	600
Service weight		kg	329
Height, mast lowered	h ₁	mm	1635
Lift	h ₃	mm	905
Height, mast extended	h ₄	mm	1635
Overall length	l ₁	mm	1625
Overall width	b ₁ /b ₂	mm	616/685
Length to face of forks	l ₂	mm	525
Fork dimensions	s/e/l	mm	60*150*1150
Turning radius	Wa	mm	1400
Drive			Electric
Operator type			Pedestrian

Features

Versatile transport and low-level picking

The EPT12-F3H can be used as an electric pallet truck, a lift table, provisioning table or workbench. The usage is similar to a scissor lift pallet truck, and the electric driving increase the productivity and the safety inside the facility.



Ergonomics for efficient daily operations

By effortless transporting and positioning pallets up to 990mm, the EPT12-F3H supports increasing productivity and ergonomic work processes and reduces strain during repetitive lifting and positioning tasks, helping prevent fatigue. In addition, it allows loaded goods to be moved thanks to its electric drive for convenient usability.

Removable 24V/30Ah Li-ion battery

With a standard removable 24V/30Ah Li-ion battery, EPT12-F3H offers opportunity charging and quick swap, ready for long and continuous operation.



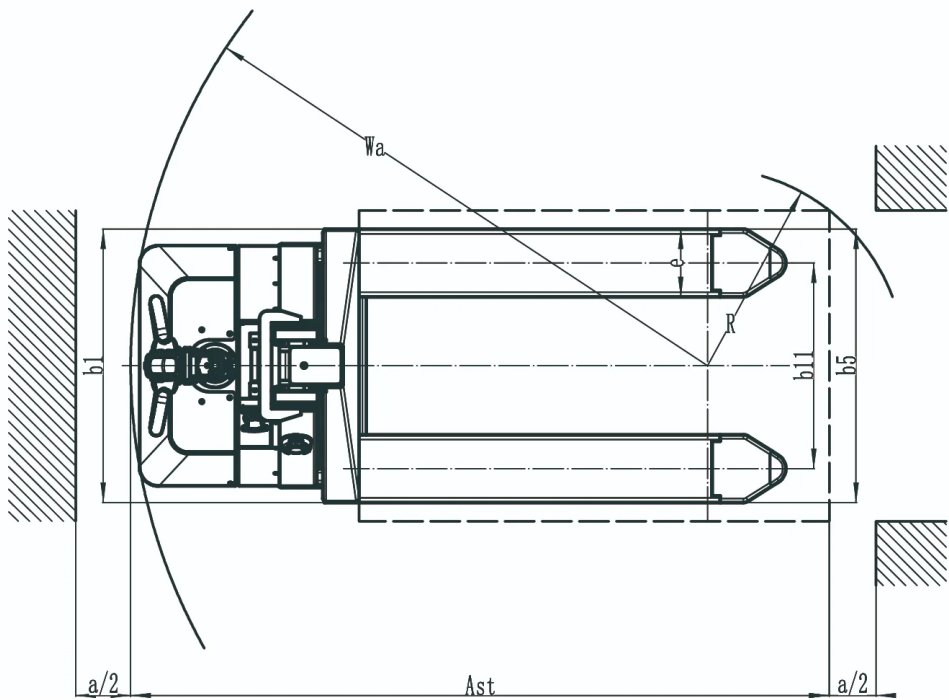
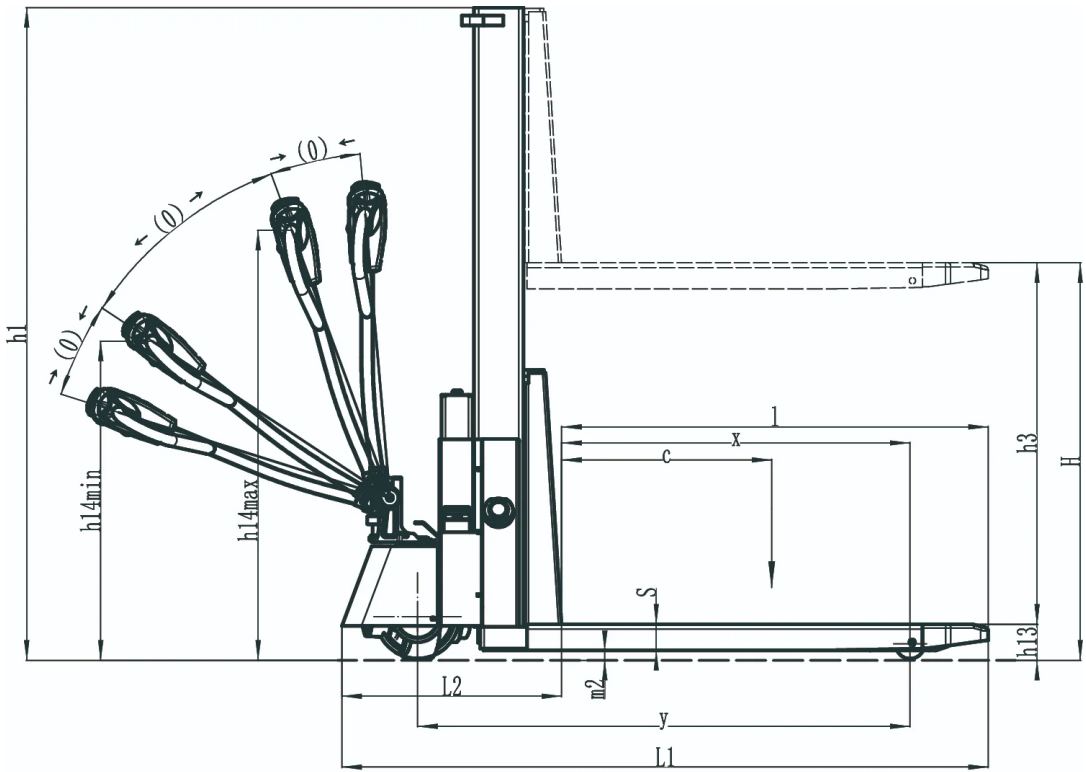
VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT12-F3H
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	874
1.9	Wheelbase	y	mm	1235

	SPECIFICATION	REF	UNIT	VALUE
2.1	Service weight		kg	329
2.2	Axle loading, laden front/rear		kg	532/997
2.3	Axle loading, unladen front/rear		kg	235/94
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	210*70
3.3	Tyre size, rear		mm	74*88
3.4	Additional wheels (castor wheels)		mm	74*30
3.5	Wheels, number front/rear (x=drive wheels)			1x , 2/2
3.7	Tread width, rear	b ₁₁	mm	390/515
4.2	Height, mast lowered	h ₁	mm	1635
4.2.1	Overall height		mm	1635
4.3	Free lift	h ₂	mm	990
4.4	Lift	h ₃	mm	905
4.5	Height, mast extended	h ₄	mm	1635
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	760/1140
4.15	Height, lowered	h ₁₃	mm	85
4.19	Overall length	l ₁	mm	1625
4.20	Length to face of forks	l ₂	mm	525
4.21	Overall width	b ₁ /b ₂	mm	616/685
4.22	Fork dimensions	s/e/l	mm	60*150*1150
4.25	Distance between fork-arms	b ₅	mm	560/685
4.32	Ground clearance, centre of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2263
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2164
4.35	Turning radius	Wa	mm	1400
5.1	Travel speed, laden/unladen		km/h	3.7/4.0
5.2	Lift speed, laden/unladen		m/s	Level1 0.031/0.047 Level2 0.049/0.094
5.3	Lowering speed, laden/unladen		m/s	Level1 0.067/0.035 Level2 0.156/0.109
5.8	Max. gradeability, laden/unladen		%	5/8
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.75
6.2	Lift motor rating at S3 15%		kW	1.2
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	30

SPECIFICATION		REF	UNIT	VALUE
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	7
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.



Options

ITEM		OPTIONS (optional items marked in yellow)	
Fork dimension		560*1150 685*1150	

ITEM	OPTIONS (optional items marked in yellow)
Load wheel type	Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	24V/30Ah Li-ion
Charger	24V-10A external charger
Battery indicator	Without hourmeter
Handle head type	EP small tiller head
Castor wheels	Yes and not customized
Buzzer	Yes and not customized
Vertical handler working	Yes and not customized
Drive cover off the ground	35