EPT20-15ET2H

ALL-TERRAIN ELECTRIC PALLET TRUCK 1.5T

1500 kg | 115 mm | 24 V AGM/Li-Ion

The EPT20-15ET2H is ideal for industries where material handling takes place on rough or uneven ground, such as construction sites, outdoor warehouses, and yards. With reinforced drive wheels and a horizontally mounted motor and brake system, it provides protection against dirt and debris while maintaining efficiency. The high ground clearance makes it safer and more stable in rugged conditions.

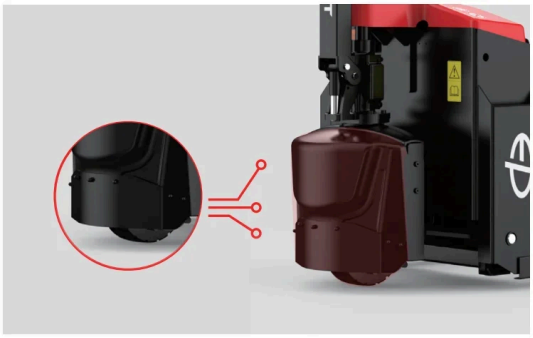
SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPT20-15ET2H
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	216
Lift	h_3	mm	115
Overall length	l_1	mm	1704
Overall width	b_1/b_2	mm	685
Length to face of forks	l_2	mm	554
Fork dimensions	s/e/l	mm	50x 150x 1150
Turning radius	Wa	mm	1505
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	946
Wheelbase	y	mm	1301

Copyright 2026 EP Equipment. All rights reserved. | Datasheet last updated 2026-06-11

Features

Enhanced durability

The EPT20-15ET2H is engineered with proven components and a fully sealed structure that protects critical systems from water, dust, and debris. This rugged construction reduces wear and tear, lowers the risk of breakdowns, and ensures that the truck continues to perform reliably even in demanding outdoor environments where conventional pallet trucks would struggle.



Optimized drive system

Its horizontally mounted motor and brake not only increase ground clearance but also enhance protection against shocks and dirt. Combined with a reinforced rubber drive wheel, the system delivers excellent slip resistance and wear durability. These improvements guarantee safer operation on uneven surfaces and reduce maintenance needs, making it a dependable choice for heavy-duty tasks.

Outdoor-ready design

With increased ground clearance and robust chassis components, the EPT20-15ET2H is specifically adapted for rough or uneven terrain. Operators can use it with confidence in construction sites, yards, and outdoor warehouses. This design expands the application range of the pallet truck beyond traditional smooth-floor environments, giving businesses greater flexibility.

AGM battery with integrated charger

Equipped with a 24V/65Ah AGM battery as standard, the truck supports opportunity charging through its integrated 24V-10A charger, making it simple and convenient to keep powered throughout the day. For operations requiring longer runtime, an 85Ah battery option is available, ensuring the truck adapts easily to both light-duty and intensive outdoor shifts without performance loss.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT20-15ET2H

Copyright 2026 EP Equipment. All rights reserved. | Datasheet last updated 2026-06-11

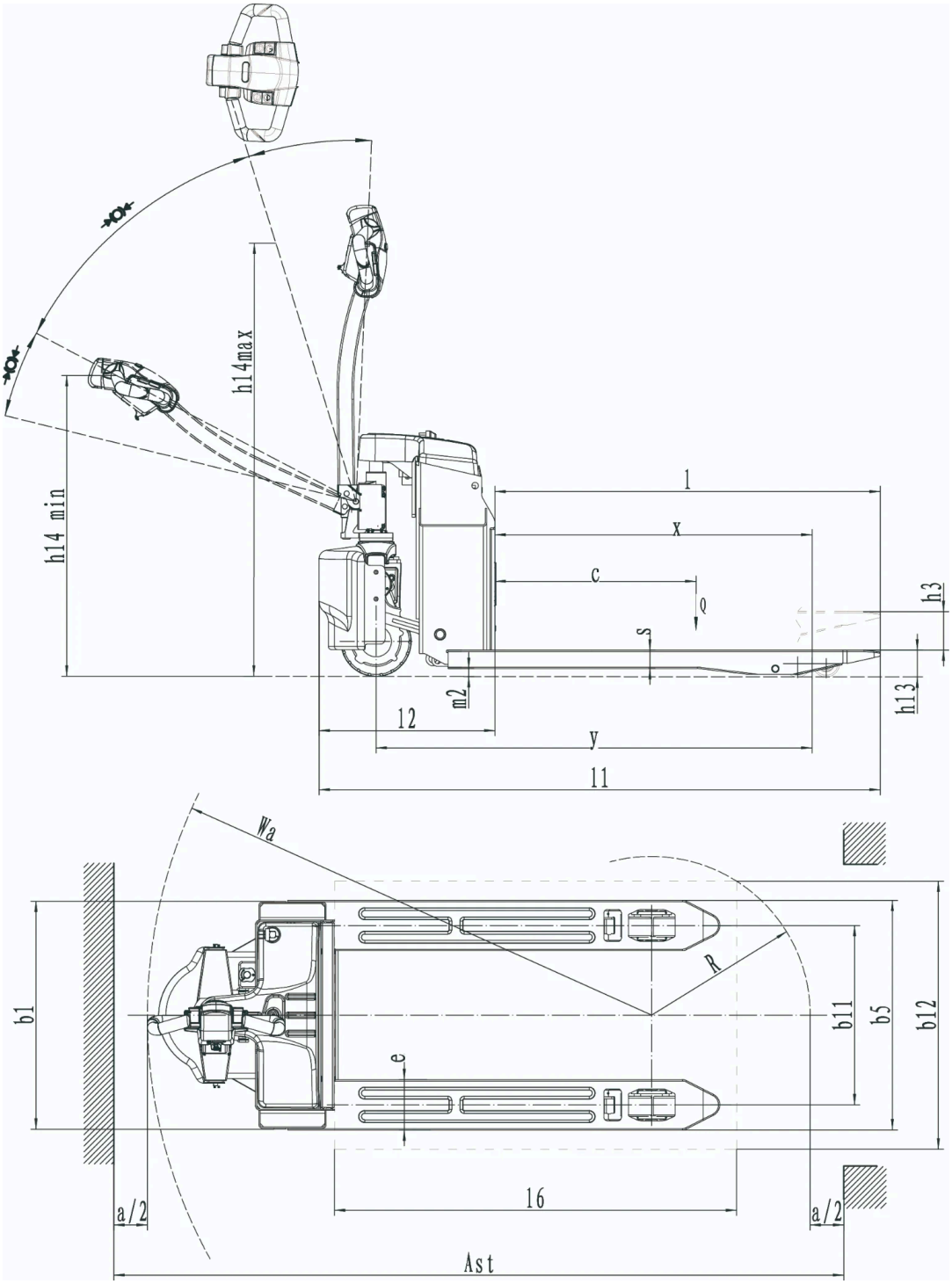
	SPECIFICATION	REF	UNIT	VALUE
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1500
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	946
1.9	Wheelbase	y	mm	1301
2.1	Service weight		kg	216
2.2	Axle loading, laden front/rear		kg	724/1468
2.3	Axle loading, unladen front/rear		kg	165/40
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	210x70
3.3	Tyre size, rear		mm	80x61 / 105x88
3.5	Wheels, number front/rear (x=drive wheels)			1x — /4
3.7	Tread width, rear	b_{11}	mm	410 (535)
4.4	Lift	h_3	mm	115
4.19	Overall length	l_1	mm	1704
4.20	Length to face of forks	l_2	mm	554
4.21	Overall width	b_1/b_2	mm	685
4.22	Fork dimensions	s/e/l	mm	50x 150x 1150
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2307
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2179
4.35	Turning radius	Wa	mm	1505
5.1	Travel speed, laden/unladen		km/h	4 / 4.5
5.2	Lift speed, laden/unladen		m/s	0.027 / 0.038
5.3	Lowering speed, laden/unladen		m/s	0.059/0.039
5.8	Max. gradeability, laden/unladen		%	5 / 16
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	0.8
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	72
6.4.3	Battery type			AGM/Li-Ion
6.5	Battery weight		kg	34
8.1	Type of drive unit			DC
10.5	Steering design			Mechanical

Copyright 2026 EP Equipment. All rights reserved. | Datasheet last updated 2026-06-11

	SPECIFICATION	REF	UNIT	VALUE
10.7	Sound pressure level at the driver's seat		dB(A)	<74

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.

VDI Drawing



Copyright 2026 EP Equipment. All rights reserved. | Datasheet last updated 2026-06-11

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	560*1150 | 560*800 | 560*1000 | 560*1220 | 560*1300 | 560*1400 | 560*1500 | 560*1600 | 560*1800 | 560*2000 | 685*800 | 685*1000 | 685*1150 | 685*1220 | 685*1300 | 685*1400 | 685*1500 | 685*1600 | 685*1800 | 685*2000
Fork lowered height	80 | Optional：105
Load wheel type	Double | Single
Load wheel material	PU
Drive wheel material	Rubber | PU
Battery capacity	72Ah AGM | 85Ah AGM | 40Ah Li-ion | 60AhLi-ion
Charger	24V-10A Integrated charger
Battery indicator	With hourmeter
Castor wheels	No | Yes and not customized
Buzzer	Yes and not customized
Turtle speed	Yes and not customized

Copyright 2026 EP Equipment. All rights reserved. | Datasheet last updated 2026-06-11