



EPT20-ET2L

LI-ION PEDESTRIAN PALLET TRUCK 2.0T

 2000 kg  115 mm  48 V Li-Ion



The EPT20-ET2L is ideal for operations requiring agility and robustness in narrow or rugged environments. It is particularly suited to warehouses, distribution hubs, and sectors where multi-shift operation is common. With standard castor wheels, ergonomic tiller, and customizable fork dimensions, it adapts to diverse tasks, from heavy pallet transport to precise maneuvering in tight spaces.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPT20-ET2L
Battery voltage		V	48
Rated capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	190
Lift	h ₃	mm	115
Overall length	l ₁	mm	1626
Overall width	b ₁ /b ₂	mm	680
Length to face of forks	l ₂	mm	468
Fork dimensions	s/e/l	mm	50/150/1150
Turning radius	Wa	mm	1473
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	954
Wheelbase	y	mm	1264

Features

Robust and compact design

The EPT20-ET2L is built with a durable iron cover and compact chassis, combining endurance with agility. This makes it reliable for use in rugged environments while remaining maneuverable in narrow aisles. Its structure is designed to withstand intensive daily operations with minimal wear.



Lithium technology with integrated charger

Equipped with a 48V/20Ah Li-ion battery and a 48V/10A integrated charger, the truck supports quick and convenient charging. This makes it ideal for multi-shift applications, reducing downtime. An AGM battery version (30Ah or 45Ah) is also available for customers who prefer alternative power sources.

Easy and safe operation

The truck features a mechanical rebound spring and standard castor wheels, providing smoother operation and improved stability. These enhancements make the EPT20-ET2L easy to maneuver while reducing operator fatigue and improving overall safety.



User-centered design

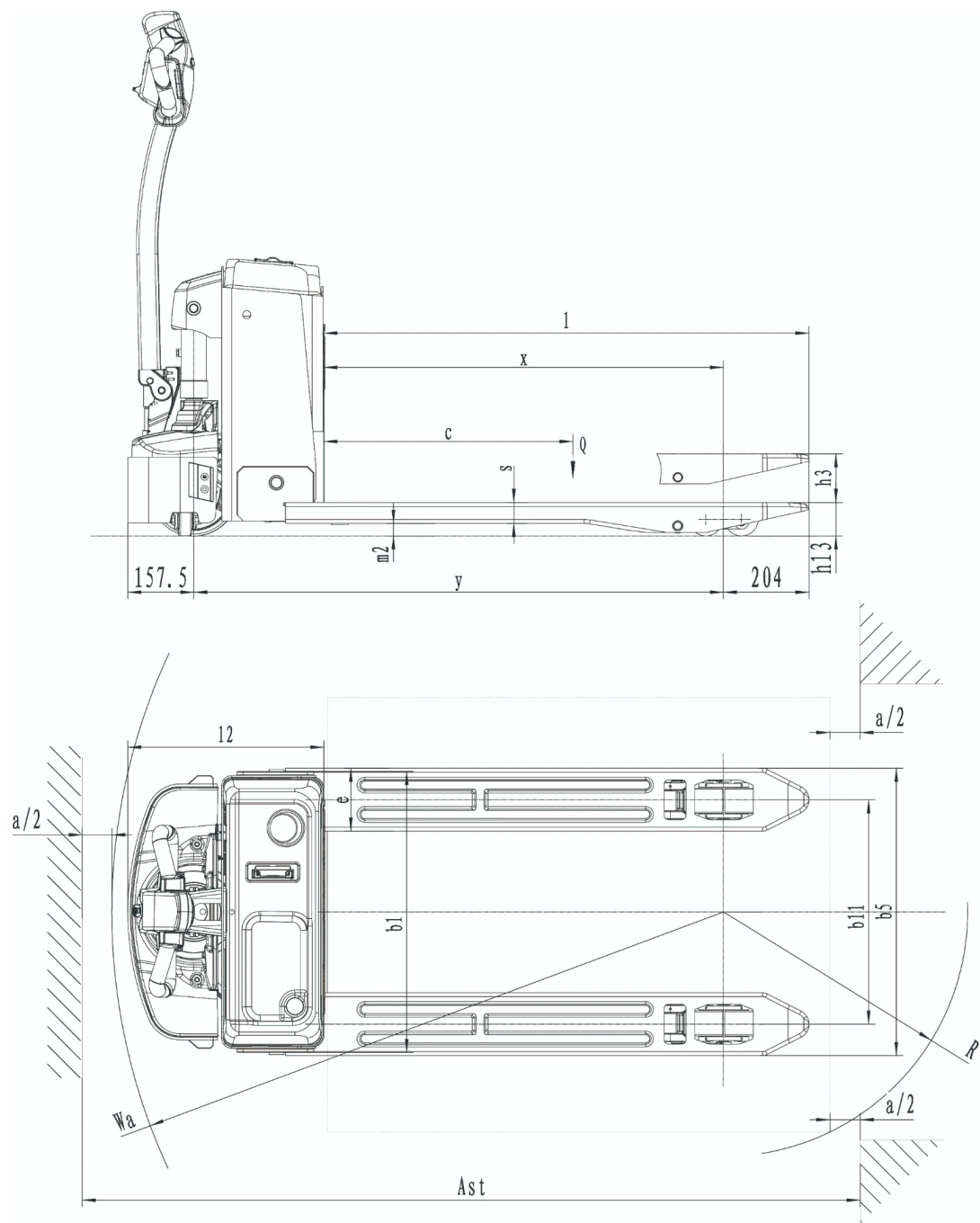
With a protective metal cover and integrated storage space, the EPT20-ET2L focuses on operator convenience and safety. The well-organized layout of its electronic components ensures easier diagnostics and maintenance, keeping service times short and efficiency high.

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT20-ET2L
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	2000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	954
1.9	Wheelbase	y	mm	1264
2.1	Service weight		kg	190
2.2	Axle loading, laden front/rear		kg	670/1520
2.3	Axle loading, unladen front/rear		kg	110/80
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	210x70
3.3	Tyre size, rear		mm	2x Φ 80x61(Φ 74x88)
3.5	Wheels, number front/rear (x=drive wheels)			1x 2/4
3.6	Tread width, front	b ₁₀	mm	438 / -
3.7	Tread width, rear	b ₁₁	mm	410 (535)
4.4	Lift	h ₃	mm	115
4.19	Overall length	l ₁	mm	1626
4.20	Length to face of forks	l ₂	mm	468
4.21	Overall width	b ₁ /b ₂	mm	680
4.22	Fork dimensions	s/e/l	mm	50/150/1150
4.32	Ground clearance, centre of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2230
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2143
4.35	Turning radius	wa	mm	1473
5.1	Travel speed, laden/unladen		km/h	5/5.5
5.2	Lift speed, laden/unladen		m/s	0.017/0.021
5.3	Lowering speed, laden/unladen		m/s	0.05/0.026
5.8	Max. gradeability, laden/unladen		%	5 / 16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.9

SPECIFICATION		REF	UNIT	VALUE
6.2	Lift motor rating at S3 15%		kW	0.8
6.4.1	Battery voltage		V	48
6.4.2	Battery nominal capacity K5		Ah	20
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	12
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

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 lowered height	80
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU

ITEM	OPTIONS (optional items marked in yellow)
Battery capacity	48V*20A Li-ion 48V*30Ah (AGM) 48V*45Ah (AGM)
Charger	48V-10A integrated (Li-ion) 48V-5A integrated (30Ah AGM) 48V-7A integrated (45Ah AGM)
Battery indicator	Yes and not customized
Castor wheels	Yes (ground clearance of the foot guard 60mm) Yes (ground clearance of the foot guard 30mm) No
Fork width	560 685