

ETR151

RIDE ON PALLET TRUCK

 1500 kg  115 mm  48 V Lead Acid/Li-ion



The ETR151 is designed for efficient transport in retail stores, small warehouses, and logistics centers with confined areas. Thanks to its exceptionally tight turning radius of 1503mm, it navigates narrow aisles and crowded loading docks with ease. The large drive wheel ensures smooth movement over uneven surfaces, while the foldable platform allows operators to switch between ride-on mode for medium distances and pedestrian mode for precise positioning in tight spaces.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			ETR151
Battery voltage		V	48
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	456
Height, mast lowered	h ₁	mm	80
Lift	h ₃	mm	115
Height, mast extended	h ₄	mm	Φ230x75
Overall length	l ₁	mm	1685
Overall width	b ₁ /b ₂	mm	850
Length to face of forks	l ₂	mm	542
Fork dimensions	s/e/l	mm	55x170x1150
Turning radius	Wa	mm	1503
Drive			Electric
Operator type			Standing on/Pedestrian

Features

Mechanical steering

Arm guards as standard

Turning radius of 1503mm for tight spaces

Lead-acid and Li-ion battery options for different needs

48V/10A integrated charger for charging convenience

Large drive wheel

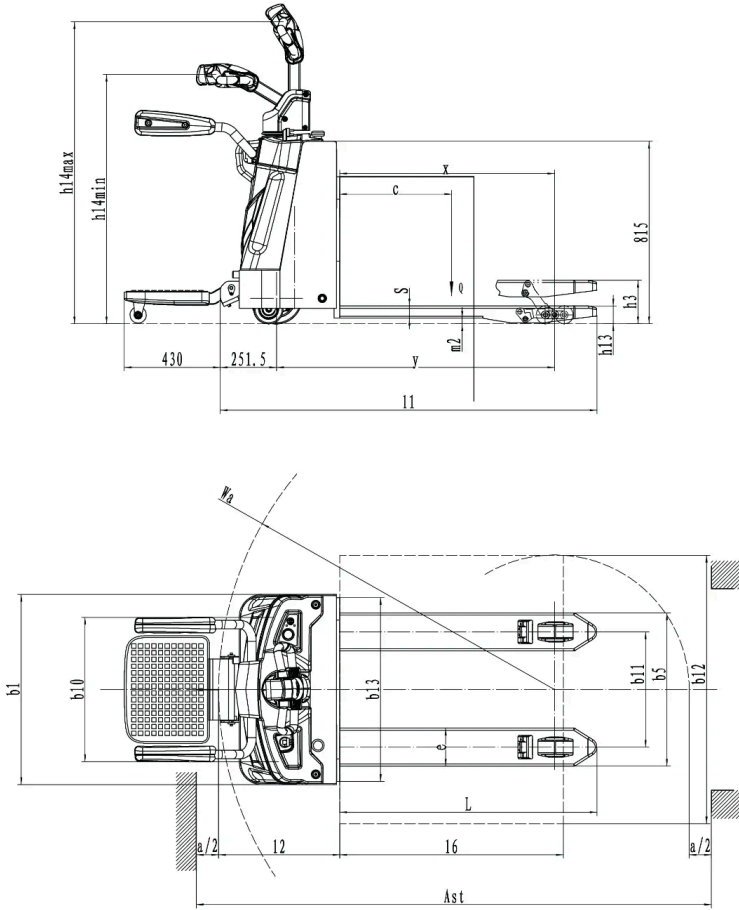
VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			ETR151
1.3	Drive			Electric
1.4	Operator type			Standing on/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	961
1.9	Wheelbase	y	mm	1244.5
2.1	Service weight		kg	456
2.2	Axle loading, laden front/rear		kg	870/1070
2.3	Axle loading, unladen front/rear		kg	370/86
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ230x75
3.3	Tyre size, rear		mm	Φ80x60

	SPECIFICATION	REF	UNIT	VALUE
3.4	Additional wheels (castor wheels)		mm	Φ130x55
3.5	Wheels, number front/rear (x=drive wheels)			1x+2/4
3.6	Tread width, front	b ₁₀	mm	644
3.7	Tread width, rear	b ₁₁	mm	390/515
4.2	Height, mast lowered	h ₁	mm	80
4.3	Free lift	h ₂	mm	55
4.4	Lift	h ₃	mm	115
4.5	Height, mast extended	h ₄	mm	Φ230x75
4.6	Initial lift		mm	Φ80x60
4.7	Height of overhead guard (cabin)	h ₆	mm	Electromagnetic
4.8	Seat height relating to SIP/stand height	h ₇	mm	1115/1350
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	1115/1350
4.10	Height of wheel arms		mm	Polyurethane
4.15	Height, lowered	h ₁₃	mm	80
4.16	Length of loading surface			542
4.18	Width of loading surface			850
4.19	Overall length	l ₁	mm	1685
4.20	Length to face of forks	l ₂	mm	542
4.21	Overall width	b ₁ /b ₂	mm	850
4.22	Fork dimensions	s/e/l	mm	55x170x1150
4.24	Fork carriage width		mm	850
4.25	Distance between fork-arms	b ₅	mm	560/685
4.26	Distance between wheel arms/loading surfaces			1244.5
4.31	Ground clearance, laden, below mast		mm	5/10
4.32	Ground clearance, centre of wheelbase	m ₂	mm	25
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2304
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2168
4.35	Turning radius	wa	mm	1503
4.36	Internal turning radius			1503
5.1	Travel speed, laden/unladen		km/h	5.5/6
5.2	Lift speed, laden/unladen		m/s	0.030/0.036
5.3	Lowering speed, laden/unladen		m/s	0.044/0.049
5.5	Drawbar pull, laden/unladen			870/1070
5.8	Max. gradeability, laden/unladen		%	5/10

SPECIFICATION		REF	UNIT	VALUE
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.9
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	65 40
6.4.3	Battery type			Lead Acid/Li-ion
6.6	Energy consumption according to DIN EN 16796		kWh/h	5.5/6
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	0.9

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(Li-ion) 560*800(Li-ion) 560*1000(Li-ion) 560*1220(Li-ion) 560*1300(Li-ion) 560*1400(Li-ion) 560*1500(Li-ion) 560*1600(Li-ion 560*1800(Li-ion) 560*2000(Li-ion) 685*1150(Lead-acid) 685*800(Lead-acid) 685*1000(Lead-acid) 685*1220(Lead-acid) 685*1300(Lead-acid) 685*1400(Lead-acid) 685*1500(Lead-acid) 685*1600(Lead-acid) 685*1800(Lead-acid) 685*2000(Lead-acid)
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	48V/65Ah(Lead-acid) 48V/40Ah(Li-ion)
Charger	48V-10A
Battery indicator	With hourmeter
Castor wheels	Yes and not customized