


ET158

ELECTRIC PALLET TRUCK

 1500 kg  110 mm  48 V Li-Ion



Ideal for high-density warehousing, retail supply chain back rooms, and manufacturing stock-rooms where agility and throughput matter, the ET158 excels in tasks such as pallet loading/unloading, staging goods for dispatch, and maneuvering in tight corridors. Its design supports operators working in compact storage zones or tail-lift delivery environments, making it a versatile tool for diverse industries.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity K5		Ah	10
Battery voltage		V	48
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	118
Lift	h_3	mm	110
Overall length	l_1	mm	1566
Overall width	b_1/b_2	mm	560 (685)
Length to face of forks	l_2	mm	416
Fork dimensions	s/e/l	mm	55/150/1150
Turning radius	Wa	mm	1403
Manufacturer			EP
Model designation			ET158
Drive			Electric
Operator type			Pedestrian

Features

Robust 1.5-tonne load capacity

With a rated capacity of 1,500 kg, the ET158 handles standard pallet loads with ease. Its construction is designed to ensure stability and performance under sustained use.

Compact design and tight turning radius

With a turning radius of approximately 1,403 mm and a width of 685 mm, the ET158 manoeuvres easily in narrow aisles and tight spaces where larger trucks struggle.

Efficient battery system

Powered by a 48 V battery (10 Ah standard, optional 20 Ah), the ET158 offers reliable runtime for typical shifts and supports efficient operations without frequent downtime.

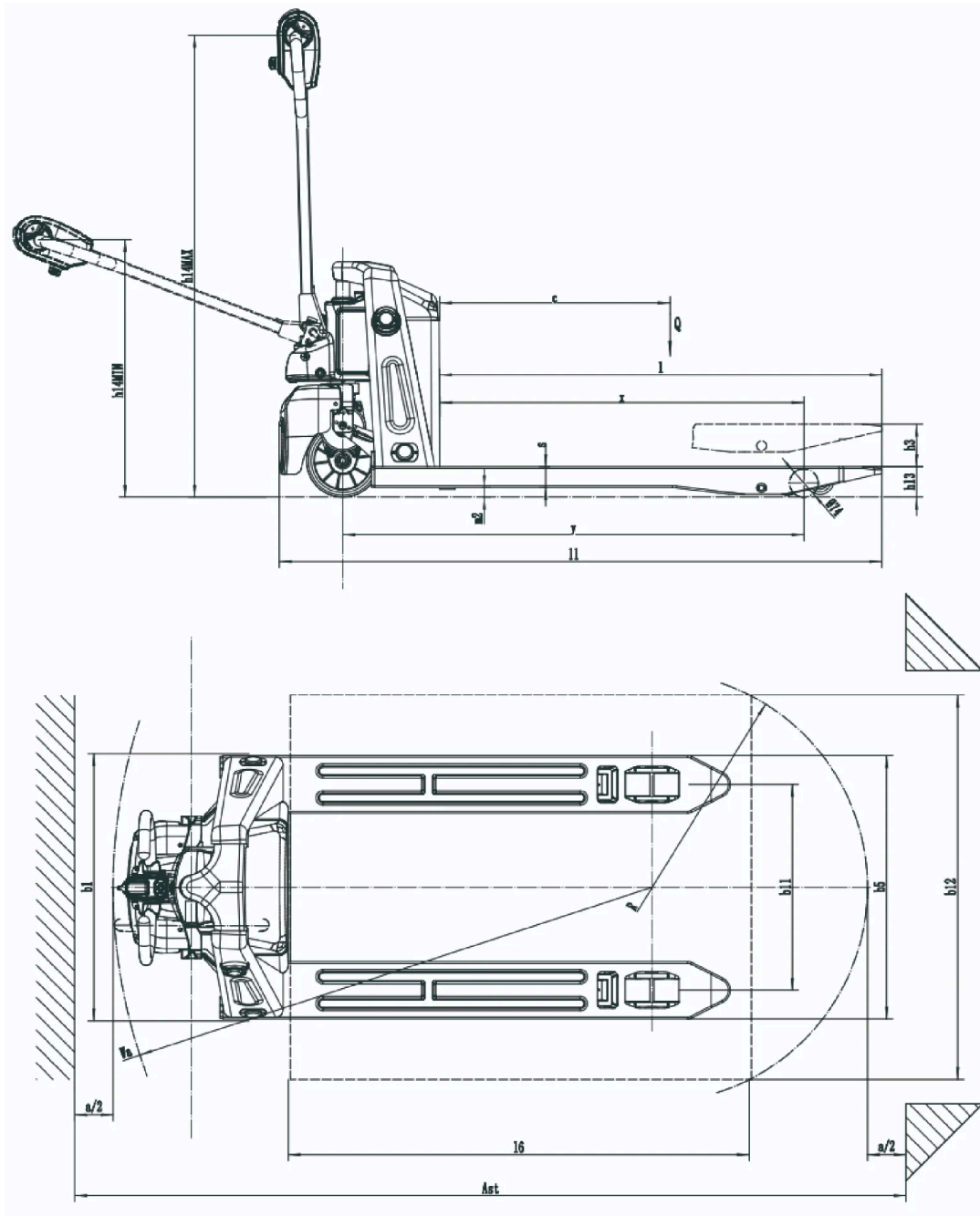
Low-weight, versatile design

At just 115 kg (including battery), the ET158 is lightweight for its class while offering pedestrian operation, making it flexible for both warehouse and delivery-zone use.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			ET158
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	947
1.9	Wheelbase	y	mm	1198
2.1	Service weight		kg	118
2.2	Axle loading, laden front/rear		kg	530/1088
2.3	Axle loading, unladen front/rear		kg	96/22
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ190x55

SPECIFICATION		REF	UNIT	VALUE
3.3	Tyre size, rear		mm	Φ80x61
3.4	Additional wheels (castor wheels)		mm	Φ74x30
3.5	Wheels, number front/rear (x=drive wheels)			1x-/4
3.6	Tread width, front	b ₁₀	mm	410
3.7	Tread width, rear	b ₁₁	mm	410 (535)
4.4	Lift	h ₃	mm	110
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	650/1200
4.15	Height, lowered	h ₁₃	mm	80
4.19	Overall length	l ₁	mm	1566
4.20	Length to face of forks	l ₂	mm	416
4.21	Overall width	b ₁ /b ₂	mm	560 (685)
4.22	Fork dimensions	s/e/l	mm	55/150/1150
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2163
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2076
4.35	Turning radius	wa	mm	1403
5.1	Travel speed, laden/unladen		km/h	4.5/5.0
5.2	Lift speed, laden/unladen		m/s	0.022/0.025
5.3	Lowering speed, laden/unladen		m/s	0.065/0.060
5.8	Max. gradeability, laden/unladen		%	8/16
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	Battery nominal capacity K5		Ah	10
6.4	Battery voltage		V	48
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	6.5
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



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	1150 800 900 1000 1220 1350 1400 1500 1600 1700 1800 2000
Fork lowered height	80
Load wheel type	Double Single
Load wheel material	PU

ITEM	OPTIONS (optional items marked in yellow)
Drive wheel material	PU
Battery capacity	48V/10Ah Li-ion 48V/20Ah Li-ion
Charger	48V-5A external charger
Battery display indicator (BDI)	Without hourmeter
Handle head type	ET2 type handle
Castor wheels	No Yes and not customized
Buzzer	Yes and not customized
Vertical handler working	Yes and not customized
Drive assembly	Yes and not customized
Drive cover off the ground	50mm