

F4 with Scale

ELECTRIC PALLET TRUCK WITH INTEGRATED SCALE 1.5T

 1500 kg  105 mm  24 V Li-Ion



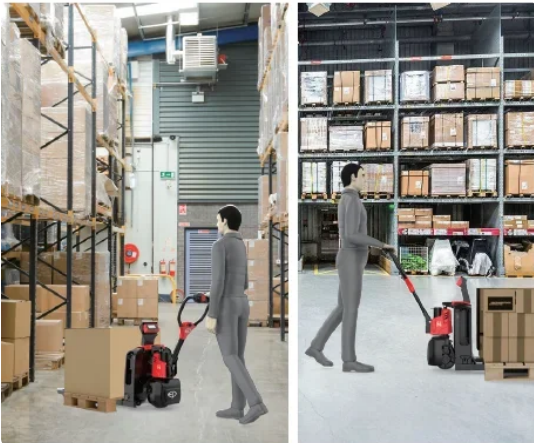
The F4 with scale is perfect for environments where both transport and weighing are frequent tasks, such as goods receiving areas, shipping points, and stock control in warehouses. Its 4-load-cell weighing system provides accurate results while on the move, reducing human error and improving stock management. The truck’s compact size, Li-ion batteries, and optional stabilizing wheels ensure efficiency and flexibility in diverse applications.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			F4 with Scale
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	155
Lift	h ₃	mm	105
Overall length	l ₁	mm	1575
Overall width	b ₁ /b ₂	mm	695/590
Length to face of forks	l ₂	mm	425
Fork dimensions	s/e/l	mm	60/155/1150
Turning radius	Wa	mm	1380
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	955
Wheelbase	y	mm	1215

Features

Integrated weighing system

The F4 with scale combines pallet transport and weighing in one device, equipped with 4 load cells and a digital display. This allows operators to weigh goods directly while moving them, improving accuracy, reducing the need for extra equipment, and streamlining warehouse workflows.



Mobile efficiency

By eliminating the need for fixed weighing stations, the F4 with scale saves valuable time and floor space. Operators can check incoming goods or confirm shipping weights on the spot, which increases flexibility in busy logistics environments and boosts overall productivity.

Battery flexibility

The truck operates with long-lasting Li-ion batteries, while the weighing display is powered by standard AA batteries. This setup ensures reliable performance, easy replacement, and extended autonomy, keeping the truck ready for continuous operations throughout the workday.



Optional printer

For even greater convenience, the F4 with scale can be equipped with a built-in printer. This feature allows operators to print gross, tare, and net weights in either kilograms or pounds, providing clear documentation that supports stock management and shipping processes.

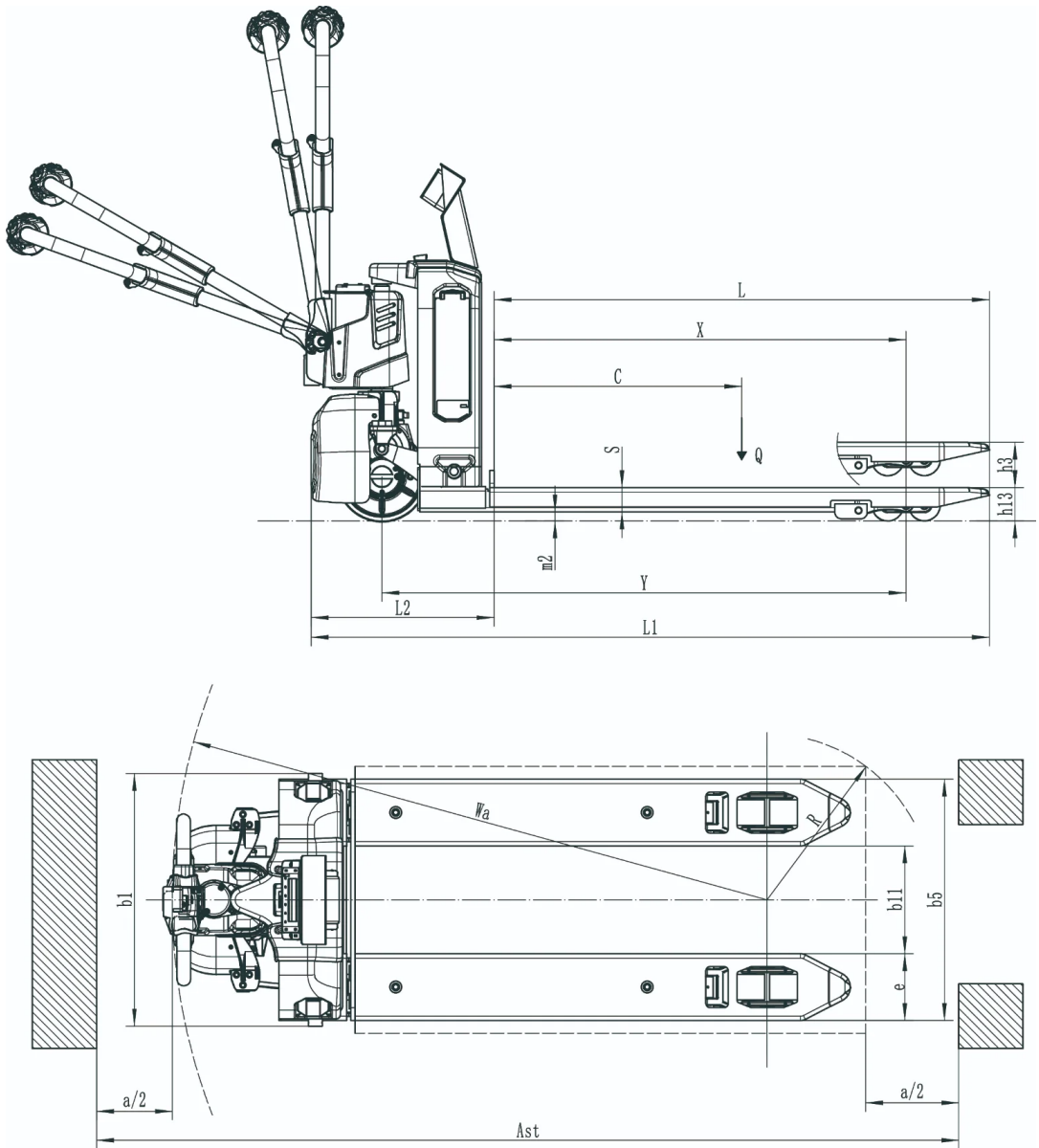
VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			F4 with Scale
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	955
1.9	Wheelbase	y	mm	1215
2.1	Service weight		kg	155
2.2	Axle loading, laden front/rear		kg	527/1128
2.3	Axle loading, unladen front/rear		kg	116/39
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	210x70
3.3	Tyre size, rear		mm	Φ80x60 (Φ74x88)
3.4	Additional wheels (castor wheels)		mm	Φ74x30 (Optional)
3.5	Wheels, number front/rear (x=drive wheels)			1x 2/4, (1x 2/2)
3.7	Tread width, rear	b ₁₁	mm	530/405
4.4	Lift	h ₃	mm	105
4.15	Height, lowered	h ₁₃	mm	82
4.19	Overall length	l ₁	mm	1575
4.20	Length to face of forks	l ₂	mm	425
4.21	Overall width	b ₁ /b ₂	mm	695/590
4.22	Fork dimensions	s/e/l	mm	60/155/1150
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2190
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2055
4.35	Turning radius	wa	mm	1380
5.1	Travel speed, laden/unladen		km/h	4 / 4.5
5.2	Lift speed, laden/unladen		m/s	0.017 / 0.023
5.3	Lowering speed, laden/unladen		m/s	0.035 / 0.053
5.8	Max. gradeability, laden/unladen		%	5 / 16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.75

	SPECIFICATION	REF	UNIT	VALUE
6.2	Lift motor rating at S3 15%		kW	0.5
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	20
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	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

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



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	1150×560 900×560 1000×560 1220×560 1350×560 900×685 1000×685 1150×685 1220×685 1350×685 1500×560 1500×685
Fork lowered height	82
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	20Ah ×1 20Ah ×2
Charger	24V-5A external charger 24V-10A external charger
Battery indicator	Without hourmeter
Handle head type	Hands small handle head
Castor wheels	No Yes and not customized
Buzzer	Yes and not customized
Turtle speed	Yes and not customized
Drive assembly	Yes and not customized