

F4-201

ELECTRIC PALLET TRUCK 2.0T

 2000 kg  105 mm  48 V Li-Ion



The F4 201 is ideal for operations requiring both strength and maneuverability. Its 2.0-ton load capacity and optional stabilizing wheels make it reliable for handling large or uneven loads. The compact size and reduced weight ensure excellent agility in narrow aisles and confined spaces, while the removable Li-ion batteries support opportunity charging for full-shift availability. Its newly designed square-tube tiller head improves both ergonomics and durability, ensuring smooth operation throughout the workday.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity K5		Ah	20
Battery voltage		V	48
Rated capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	140
Lift	h ₃	mm	105
Overall length	l ₁	mm	1550
Overall width	b ₁ /b ₂	mm	590 / 695
Length to face of forks	l ₂	mm	400
Fork dimensions	s/e/l	mm	50x150x1150
Turning radius	Wa	mm	1360
Manufacturer			EP
Model designation			F4-201
Drive			Electric
Operator type			Pedestrian

Features

48V power system

The F4 201's 48V system boosts reliability and efficiency, allowing operators to move more goods with less effort.



Removable Li-ion batteries

Equipped with two 24V/20Ah plug-in batteries, the F4 201 offers flexible charging, fast replacement, and zero maintenance.

Ergonomic tiller design

The newly designed square-tube tiller provides strength, comfort, and smooth operation for daily industrial use.



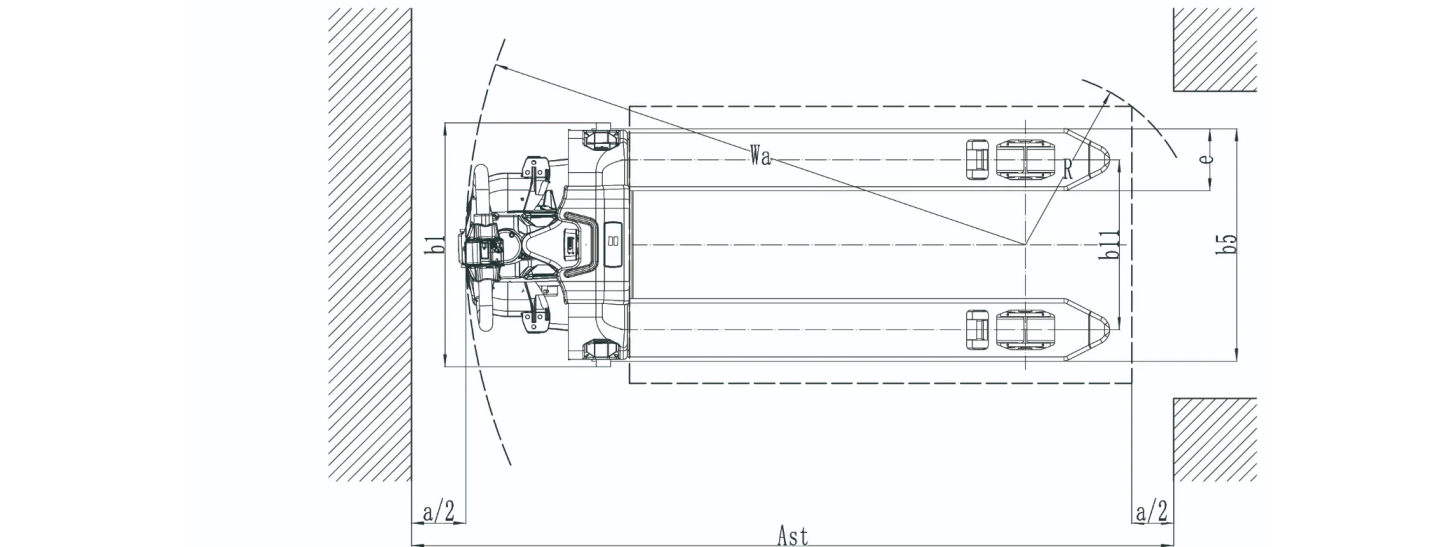
Optional stabilizing wheels

Stabilizing wheels enhance safety and load stability, reducing risks when handling heavy or uneven loads.

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			F4-201
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	950
1.9	Wheelbase	y	mm	1180
2.1	Service weight		kg	140
2.2	Axle loading, laden front/rear		kg	620/1520
2.3	Axle loading, unladen front/rear		kg	100/40
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	210x70
3.3	Tyre size, rear		mm	80x60
3.4	Additional wheels (castor wheels)		mm	74x30
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	105
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	750/1190
4.15	Height, lowered	h ₁₃	mm	82
4.19	Overall length	l ₁	mm	1550
4.20	Length to face of forks	l ₂	mm	400
4.21	Overall width	b ₁ /b ₂	mm	590 / 695
4.22	Fork dimensions	s/e/l	mm	50x150x1150
4.24	Fork carriage width		mm	560 (685)
4.32	Ground clearance, centre of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2160
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2025
4.35	Turning radius	wa	mm	1360
5.1	Travel speed, laden/unladen		km/h	4.5 / 5
5.2	Lift speed, laden/unladen		m/s	0.023/0.026
5.3	Lowering speed, laden/unladen		m/s	0.055/0.021

	SPECIFICATION	REF	UNIT	VALUE
5.8	Max. gradeability, laden/unladen		%	8 / 16
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	0.7
6.4	Battery nominal capacity K5		Ah	20
6.4	Battery voltage		V	48
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	10
8.1	Type of drive unit			BLDC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the driver's seat		dB(A)	74
15.1	Charger output current		A	5



ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	1150×560 900×560 1000×560 1220×560 1350×560 1500×560 900×685 1000×685 1150×685 1220×685 1350×685 1500×685
Fork lowered height	82
Load wheel type	Double Single
Load wheel material	PU

ITEM	OPTIONS (optional items marked in yellow)
Drive wheel material	PU
Battery capacity	24V/20Ah ×2 24V/20Ah ×4
Charger	24V-5A external charger ×2 24V-10A external charger ×2
Battery display indicator (BDI)	Without time
Handle head type	Square-tube tiller head
Castor wheels	No Yes and not customized
Buzzer	Yes and not customized
Turtle speed	Yes and not customized