



F Series - F2

Electric Pallet Truck 1.5T

- A smart and sleek truck ideal for retail usage and warehouse applications
- Sleek frame design with Lithium technology
- Upgraded load capacity increasing singular movement, adding greater productivity
- Ergonomically designed tiller head productivity
- F Design platform available in different chassis sizes for unique applications

F2 - A smart and sleek truck for retail usage

Sleek truck frame and lithium technology

F2 is born from the market-proven model EPT12-EZ and carries its strengths in both appearance and lithium power supply. Its sleek truck frame is perfect for handling usage in retail environments. The smart Li-ion battery makes the F2 constantly available for retail usage due to opportunity charging facility. The Lithium cell is maintenance free, reducing service costs.



Upgraded load capacity offering greater productivity

F2 comes with 120kg self weight but higher load capacity 1.5 ton than EPT12-EZ, offering greater productivity boost.



New tiller head for ergonomics

F2 has a new tiller head design for ease of use operated by the palm of the hand, relieving excess physical stress on fingers and thumbs.



Why F Series

Platform-based design to maximize competitive advantage in the market

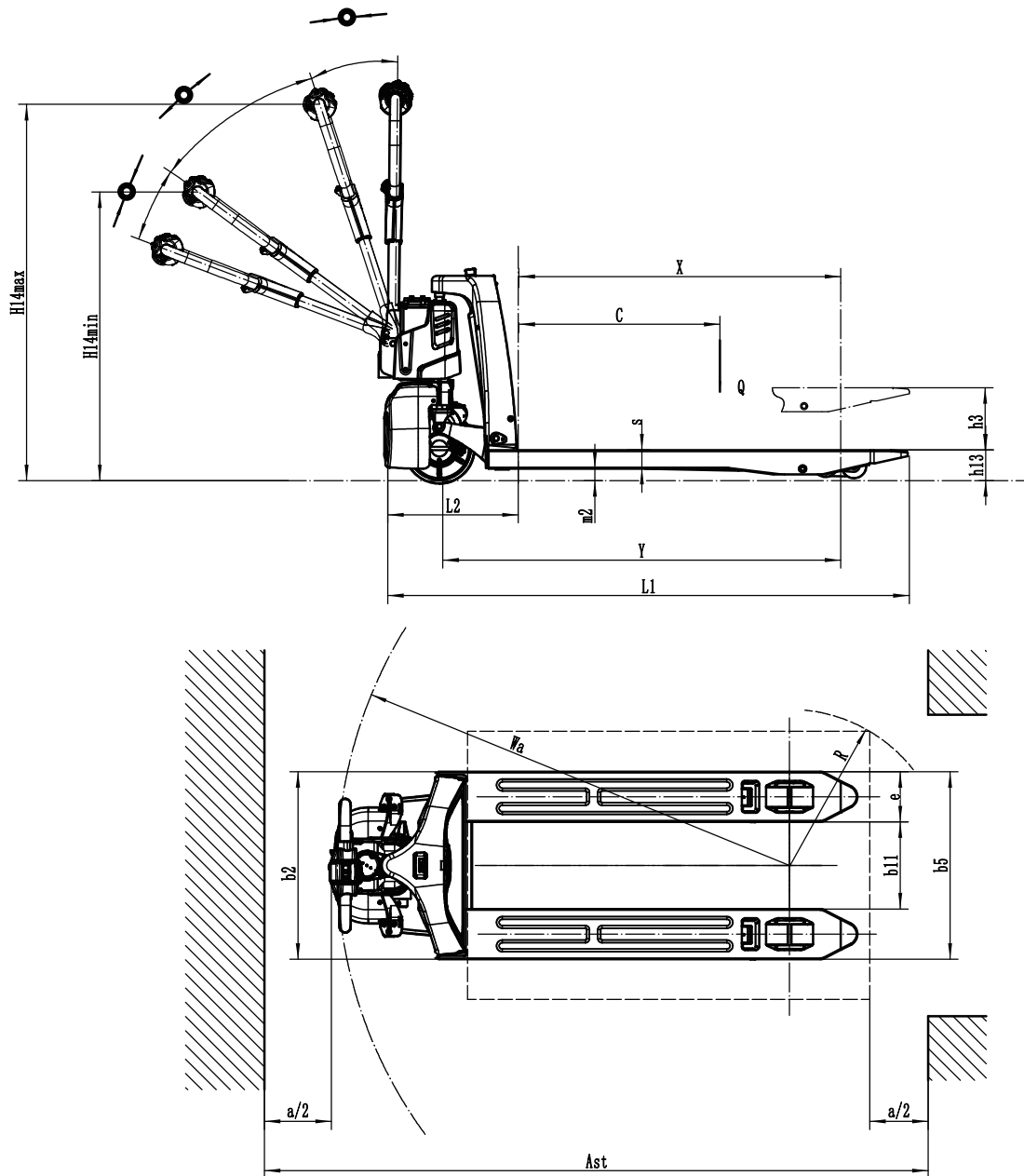
F series features the F platform, which simplifies the configuration of the truck and allows buyers to choose from 4 different chassis types for unique applications. The innovative design provides a flexible product for new market requirements.



F2 - Electric Pallet Truck 1.5T

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			F2
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity	Q	kg	1500
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	950
	1.9	Wheelbase	y	mm	1180
Service weight	2.1	Service weight		kg	120
	2.2	Axle loading, laden front/rear		kg	480/1140
	2.3	Axle loading, unladen front/rear		kg	90/30
Tyres/chassis	3.1	Tyre type			Polyurethane
	3.2.1	Tyre size, front		mm	210x70
	3.3.1	Tyre size, rear		mm	Φ80x60(Φ74x88)
	3.4	Additional wheels (castor wheels)		mm	Φ74x30 optional
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x 2/4 (1x 2/2)
	3.6.1	Tread width, front	b10	mm	—
	3.7.1	Tread width, rear	b11	mm	535/410
Dimensions	4.4	Lift height	h3	mm	105
	4.9	Height of tiller handle in drive position min./max.	h14	mm	750/1190
	4.15	Lowered height	h13	mm	82
	4.19	Overall length	l1	mm	1550
	4.20	Length to face of forks	l2	mm	400
	4.21	Overall width	b1/b2	mm	695/590
	4.22	Fork dimensions	s/e/l	mm	55/150/1150
	4.25	Distance between fork-arms	b5	mm	685/560
	4.32	Ground clearance, center of wheelbase	m2	mm	25
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2160
4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2025	
4.35	Turning radius	Wa	mm	1360	
Performance data	5.1	Travel speed, laden/unladen		km/h	4/4.5
	5.2	Lifting speed, laden/unladen		m/s	0.017/0.020
	5.3	Lowering speed, laden/unladen		m/s	0.046/0.058
	5.8	Max. gradeability, laden/unladen		%	5/16
	5.10	Service brake			Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	0.75
	6.2	Lift motor rating at S3 15%		kW	0.5
	6.4	Battery voltage/nominal capacity		V/Ah	24/20
	6.5	Battery weight		kg	5
Addition data	8.1	Type of drive control			DC
	10.5	Steering design			Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	<74

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Option:

No.	Optional items	F2
1.1	Fork dimension	●1150*560○800*560○900*560○1000*560○1220*560○1350*560○1500*560 ○800*685○900*685○1000*685○1150*685○1220*685○1350*685○1500*685
1.3	Fork lowered height	●80
1.6	Drive cover off the ground	●55mm
2.1	Load wheel type	●Double○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU
2.7	Battery capacity	●20AH
2.8	Charger	●24V-5A external○24V-10A external
2.9	Battery indicator	●Without time
2.16	handle head type	●Hands big handle head○Hands small handle head
3.3	Castor wheels	●No○Yes and not customized
3.12	Buzzer	●Yes and not customized
3.16	Turtle speed	●Yes and not customized
4.8	Drive assembly	●Yes and not customized

Note: ●Standard ○Optional - Inconformity