



# FORX

## F Series - F4 201 Li-Ion Pallet Truck 2.0T

- Power and capacity upgrade for productivity boost
- Plug in&out Li-ion batteries maximize flexibility
- Parts compatibility lowering operation costs
- Platform-based design to maximize competitive advantage in the market
- Cost-saving operations throughout the distribution cycle

**LI-ION**  
TECHNOLOGY

**ENERGY ADVANCE CO., LTD**  
[www.forx.co.th](http://www.forx.co.th)

# F Series - F4 201

## ■ Power and capacity upgrade for productivity boost

The powerful 48V electric system means the F4 201 achieve a load capacity up to 2 tons, which brings a productivity boost allowing you to lift more and move more.



## ■ Plug in&out Li-ion batteries maximize flexibility

F4 201 comes with two 24V/20Ah Li-ion batteries which can be easily replaced via plug in&out. This truck can operate more frequently thanks to fast charging and zero maintenance. Plus, its flip cover design protects batteries from water ingress, ensuring battery safety.



## ■ Newly designed tiller head combining both aesthetics and practicality

F4 201 adopts **FORX**'s newly designed tiller head, and it demonstrates clean and smooth lines. The square tube is strong and ensures robustness and reliability for daily operation.



## ■ Parts compatibility lowering operation costs

As a part of the F series, the F4 201 inherits market-proven components that help dealers to achieve better parts stock management and reduce parts inventory.



# Why F Series ?

## ■ Platform-based design to maximize competitive advantage in the market

F series features the platform F, which simplifies the configuration of the truck and allows buyers to choose from different chassis by application. The product design provides value and creates a flexible product strategy by introducing new equipment that meets various market requirements.

## ■ Cost-saving operations throughout the distribution cycle

4 units per box as standard wholesale supply reduces overall spending through the entire distribution process from shipping, storage and handling as well as delivery. F4 201 accommodates 164 units in a 40' shipping container compared to 108 units of EPT20-ET2L, that can reach as high as 50% of ocean freight charges reduction.

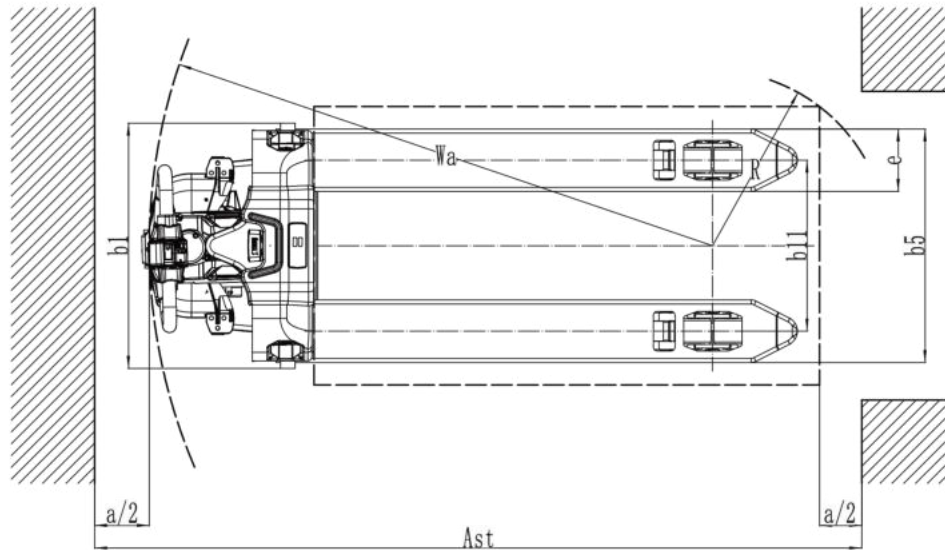
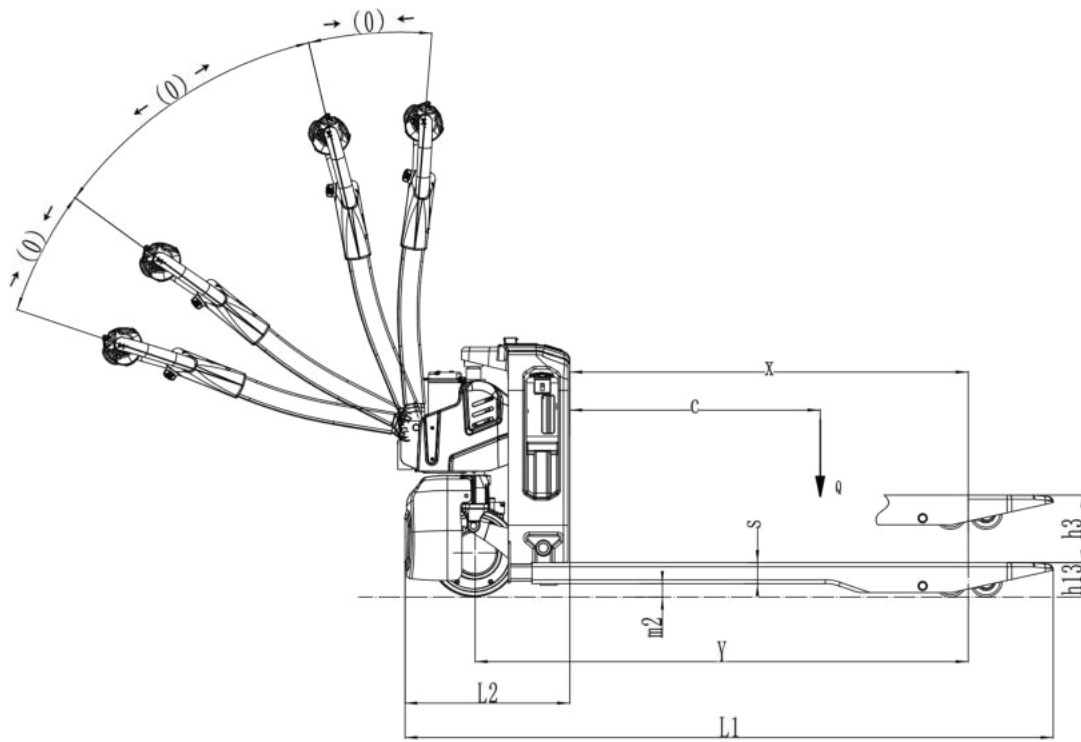


# Li-Ion Pallet Truck 2.0T

## F Series - F4 201

Distinguishing mark	1.1	Manufacturer			FORX
	1.2	Model designation			F4 201
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity	Q	kg	2000
	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	140
	2.2	Axle loading, laden front/rear		kg	620/1520
	2.3	Axle loading, unladen front/rear		kg	100/40
Tyres/chassis	3.1	Tyre type			Polyurethane
	3.2	Tyre size, front			210mm×70mm
	3.3	Tyre size, rear			80mm×60mm
	3.4	Additional wheels (castor wheels)		mm	74mm×30mm
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x, —/4
	3.6.1	Tread width, front	b <sub>10</sub>	mm	—
	3.7.1	Tread width, rear	b <sub>11</sub>	mm	410 (535)
Dimensions	4.4	Lift height	h <sub>3</sub>	mm	185
	4.9	Height of tiller handle in drive position min./max.	h <sub>14</sub>	mm	750/1190
	4.15	Lowered height	h <sub>13</sub>	mm	80
	4.19	Overall length	l <sub>1</sub>	mm	1550
	4.20	Length to face of forks	l <sub>2</sub>	mm	400
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	590 (695)
	4.22	Fork dimensions	s×e×l	mm	50X150X1150
	4.25	Distance between fork-arms	b <sub>5</sub>	mm	560 (685)
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	A <sub>st</sub>	mm	2160
	4.34.2	Aisle width for pallets 800×1200 lengthways	A <sub>st</sub>	mm	2025
4.35	Turning radius	W <sub>a</sub>	mm	1360	
Performance data	5.1	Travel speed, laden/unladen		km/h	4.5/5
	5.2	Lifting speed, laden/unladen		m/s	0.016/0.020
	5.3	Lowering speed, laden/unladen		m/s	0.058/0.046
	5.8	Max. gradeability, laden/unladen		%	8/16
	5.10	Service brake			Electromagnetic
Electric-engine	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 voltage/nominal capacity		V/Ah	48/20
	6.5	Battery weight		kg	10
	6.6	Energy consumption according to DIN EN 16796		kWh/h	0.18 <sup>1)</sup>
	6.7	Turnover output according to VDI 2198		t/h	88
	6.8	Turnover efficiency according to VDI 2198		t/kWh	473.12
	8.1	Type of drive control			BLDC
Drive/lift mechanism	10.5	Steering design			Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74
	15.1	Charger output current		A	—

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	F4 201
1.1	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
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	●24V/20AH×2 ○24V/20AH×3 ○24V/20AH×4
2.8	Charger	●24V-5A external charger X2 ○24V-10A external charger X2
2.9	Battery indicator	●Without time
2.16	handle head type	●Square-tube tiller 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

Note: ●Standard ○ Optional - Inconformity