

# F4 with scale

## Weighing Li-Ion

### pallet truck

### 1500kg



- Efficient and effortless tool for checking incoming goods and shipping weights
- 4 load cells system for high weighing accuracy
- Display powered through 4 x 1.5V Ah-batteries
- Long display autonomy through the automatic switch-off



Pallet Truck Information				Weighing Scale Information			
Manufacturer			EP	Display digits	n.	5	
Model designation	F4 with scale			Digit height	mm	18	
Drive			Electric	Unit measurement selection	(Kg/lb)	Yes	
Load capacity	Q	kg	1500	Tare function		Yes	
Load center distance	c	mm	600	Auto-off function		Yes	
Service weight		kg	155	Totalization		Yes	
Length to face of forks	l2	mm	1575	Accuracy	%	0.1	
Overall width	b1/b2	mm	425	Load cells	n.	4	
Fork dimensions	s/e/l	mm	60/155/1150	Division	kg	1	
Turning radius	Wa	mm	1380				
Max. gradeability, laden/unladen		%	5/16				
Battery voltage/nominal capacity	V/Ah		24/20				

## Why F4 with scale?

### ■ Time saving and accuracy

The F4 with scale offers the ability to weigh goods accurately on the move, saving time and energy if the weighing station is remote. Precise measurement results also help reduce human error and ensure reliable stock management. This leads to efficiency and productivity boost in the world of logistics and distribution.

As an option, F4 scale can be equipped with a built-in printer, able to print gross, tare and net weights (kg or lb).



### ■ Flexibility and mobility

The operator can obtain weight data anywhere within the warehouse with the help of the F4 with scale, such as at goods receiving or shipping points. The mobile weighing function provides maximum flexibility and eliminates the reliance on fixed weighing stations, saving warehouse space.



## Why F4 ?

### ■ Versatile for diverse applications

F4 brings maximum flexibility in configurations for every application, from occasional usage to heavy duty. Featuring a two power slot design, F4 offers the option of two 24V/20Ah batteries to maximize uptime for full-time applications. The standard single-battery setting comes with a portable storage container to keep everything easily accessible on the go. Its versatility makes it perfect for diverse tasks in the most cost effective way.



Standard usage



Intensive usage

### Battery option



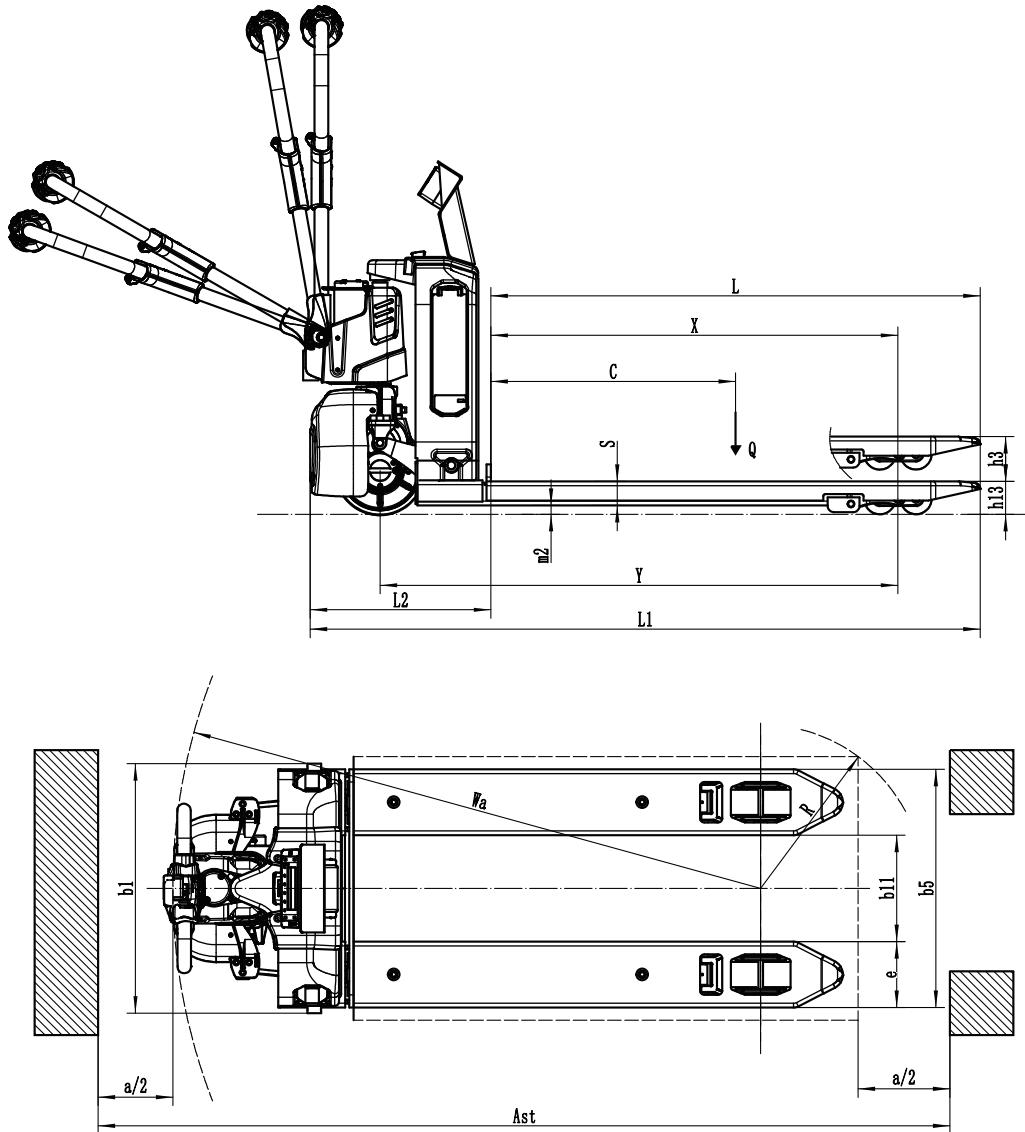
### Stabilizing wheel option

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## F4

Onderscheidingssteken	1.1	Manufacturer	EP		
	1.2	Model designation	F4 with scale		
	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	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	Tyre type			Polyurethane
	3.2	Tyre size, front			210x70
	3.3	Tyre size, rear			Φ80x60 (Φ74x88)
Tyres/chassis	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	b <sub>10</sub>	mm	—
	3.7.1	Tread width, rear	b <sub>11</sub>	mm	530/405
	4.4	Lift height	h <sub>3</sub>	mm	105
	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	82
	4.19	Overall length	l <sub>1</sub>	mm	1575
	4.20	Length to face of forks	l <sub>2</sub>	mm	425
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	695/590
Dimensions	4.22	Fork dimensions	s×e×l	mm	60/155/1150
	4.25	Distance between fork-arms	b <sub>5</sub>	mm	685/560
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	25
	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	Lifting 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
Performance data	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	0.5
	6.4	Battery voltage/nominal capacity		V/Ah	24/20
	6.5	Battery weight		kg	5
	6.6	Energy consumption values, based on DIN EN 16796		kWh/h	0.124
	6.7	Transhipments, based on VDI 2198		t/h	58.5
	6.8	Transhipment efficiency, based on VDI 2198		t/kWh	471.77
	8.1	Type of drive control			DC
	10.5	Steering design			Mechanical
Electric-engine	10.7	Sound pressure level at the driver's ear		dB(A)	74
	15.1	Charger output current		A	—
Weighing Scale Information	Display digits		n.		5
	Digit height		mm		18
	Unit measurement selection		(Kg/lb)		Yes
	Tare function				Yes
	Auto-off function				Yes
	Totalization				Yes
	Accuracy		%		0.1
	Load cells		n.		4
	Division		Kg		1

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 with scale
1.1	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
1.3	Fork lowered height	● 82
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*1○20AH*2
2.8	Charger	● 24V-5A external charger○24V-10A external charger
2.9	Battery indicator	● Without hourmeter
2.16	Handle head type	● 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
3.21	Printer	● Without printer (RAVAS 1100 display) ○ With printer (RAVAS 2100 display) (with printer)
4.8	Drive assembly	● Yes and not customized

Note: ● Standard ○ Optional - Inconformity