

04 ELECTRIC FORKLIFT (LITHIUM BATTERY)

THREE-WHEEL FORKLIFT

▼ Single Drive

EFS151
 -Capacity 1.5t
 -Lifting height 3000-4500mm
 -48V/150Ah Li-ion battery
 -48V/180Ah AGM
 -AC controller
 -Integrated charger
CE



FOUR-WHEEL FORKLIFT

▼ EFL Series

EFL181
 -Capacity 1.8T
 -Lifting Height 3000mm
 -Max. Lifting Height 4800mm
 -48V/150Ah/205Ah
 -AC controller
 -Integrated charger
CE



EFL302/EFL352
 -Capacity 3.0/3.5t
 -Lifting height 3000-6000mm
 -80V/205Ah/280Ah/410Ah
 Li-ion battery
 -AC controller
 -Optional integrated charger
CE



▼ L1 Series

CPD15/20L1
 -Capacity 1.5/2.0t
 -Lifting height 3000-5000mm
 -48V/280Ah/405Ah Li-ion
 battery
 -AC controller
CE



▼ Dual Drive

CPD18/20FVL
 -Capacity 1.8/2.0t
 -Lifting height 3000-6000mm
 -80V/205Ah Li-ion battery
 -AC controller
CE



▼ Heavy tonnage

EFL702/EFL1002
 -Capacity 7.0/10.0t
 -Lifting height 3000-6000/
 6030mm
 -80V/820Ah/1230Ah Li-ion
 battery
 -AC controller
CE



THREE-WHEEL FORKLIFT

EFS081
 -Capacity 0.8t
 -Lifting height 2500-3000mm
 -24V/220Ah Lead acid battery
 -AC controller
 -Integrated charger



CPD18/20TV8
 -Capacity 1.8/2.0t
 -Lifting height 3000-6000mm
 -48V/500Ah Lead acid battery
 -AC controller



▼ Dual Drive

CPD15/18/20TVL
 -Capacity 1.5/1.8/2.0t
 -Lifting height 3000-5000/
 6000mm
 -80V/150Ah/205Ah Li-ion battery
 -AC controller
 -Integrated charger
CE



EFL201
 -Capacity 2.0t
 -Lifting height 3000-4800mm
 -80V/150Ah Li-ion battery
 -AC controller
 -Optional integrated charger
NEW CE



EFL253/303/353(S/P)
 -Capacity 2.5/3.0/3.5t
 -Lifting height 3000-6000mm
 -80V/230Ah/280Ah/280Ah/
 410Ah/460Ah/560Ah Li-ion
 battery
 -AC controller
NEW CE



CPD20L1S
 -Capacity 2.0t
 -Lifting height 3000-6000mm
 -48V/405Ah Li-ion battery
 -AC controller
CE



FDL251
 -Capacity 2.5t
 -Lifting height 4000-6000mm
 -80V/230Ah/280Ah/460Ah/
 560Ah Li-ion battery
 -AC controller
 -Integrated and external
 chargers available together
NEW CE



EFL1001S-HV
 -Capacity 10.0t
 -Lifting height 3000-6000/
 7000mm
 -309V/304Ah Li-ion battery
 -AC controller
NEW CE



FOUR-WHEEL FORKLIFT

CPD15/20FJ5
 -Capacity 1.5/2.0t
 -Lifting height 3000-5500mm
 -48V/530Ah Lead acid battery
 -AC controller



CPD18/20FVD8
 -Capacity 1.8/2.0t
 -Lifting height 3000-6000mm
 -80V/400Ah Lead acid battery
 -AC controller



TDL161/201
 -Capacity 1.6/2.0t
 -Lifting height 3000-6000mm
 -48V/405Ah Li-ion battery
 -AC controller
 -Integrated charger
CE



EFX252/302
 -Capacity 2.5/3.0t
 -Lifting height 3000-4800mm
 -80V/150Ah Li-ion battery
 -AC controller
NEW



CPD30/35L1S
 -Capacity 3.0/3.5t
 -Lifting height 3000-6000mm
 -80V/560Ah Li-ion battery
 -AC controller
CE



EFL1201B-HV
 -Capacity 12.0t
 -Lifting height 3000-6500mm
 -544V/150Ah Li-ion
 battery
 -AC controller
NEW CE



CPD25F8
 -Capacity 2.5t
 -Lifting height 3000-6000mm
 -48V/630Ah Lead acid battery
 -AC controller



CPD30/35F8
 -Capacity 3.0/3.5t
 -Lifting height 3000-6000mm
 -80V/500Ah Lead acid battery
 -AC controller



TDL162/202
 -Capacity 1.6/2.0t
 -Lifting height 3000-6000mm
 -80V/230Ah/280Ah Li-ion battery
 -AC controller
 -Integrated and external
 chargers available together
NEW CE



EFL252
 -Capacity 2.5/3.0t
 -Lifting height 3000-6000mm
 -80V/205Ah/280Ah/410Ah
 Li-ion battery
 -AC controller
 -Optional integrated charger
CE



CPD50L1
 -Capacity 5.0t
 -Lifting height 3000-6000mm
 -80V/560Ah/690Ah Li-ion
 battery
 -AC controller
NEW CE



**EFL1601B-HV/
1801B-HV**
 -Capacity 16.0/18.0t
 -Lifting height 3500-
 5000mm
 -614.4V/230Ah Li-ion
 battery
 -AC controller
NEW CE



CPD45/50F8
 -Capacity 4.5/5.0t
 -Lifting height 3000-6000mm
 -80V/700Ah Lead acid battery
 -AC controller
CE



EFL2501B-HV
 -Capacity 25.0t
 -Lifting height 4000mm
 -614.4V/460Ah Li-ion
 battery
 -AC controller
NEW CE



06 DIESEL TRUCK

**MAX-3
CPC/Q(D)20-25T3**
 -Capacity 2.0/2.5/3.0/3.5t
 -Lifting height 3000-6000mm



**MAX-8
CPCD15-35T8
CPDQ30-35T8**
 -Capacity 1.5/1.8/2.0/2.5/3.0/3.5t
 -Lifting height 3000-6000mm
CE



**MAX-8
CPCD45T8
CPCD50T8-X**
 -Capacity 4.5/5.0t
 -Lifting height 3000-
 6000mm



**MAX-8
CPCD50/60/70T8
CPCD80/100T8**
 -Capacity 5.0/6.0/7.0t
 -Lifting height 3000-6000mm
 -Capacity 8.0/10.0t
 -Lifting height 3000-6000mm



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07 REACH TRUCK

**MAX
CQE12R/15R**
 -Capacity 1.2/1.5t
 -Lifting height 3000-5500mm
 -24V/210Ah/280Ah Lead acid battery
 -24V/205Ah Li-ion battery
 -AC controller



**MAX
CQE15S**
 -Capacity 1.5t
 -Lifting height 3000-5500mm
 -24V/280Ah Lead acid battery
 -24V/205Ah Li-ion battery
 -AC controller
CE



**MAX
CQD15S**
 -Capacity 1.5t
 -Lifting height 3000-7500mm
 -48V/420Ah Lead acid battery
 -48V/280Ah/405Ah Li-ion battery
 -AC controller



**MAX
CQD15SD**
 -Capacity 1.5t
 -Lifting height 6500-10700mm
 -48V/700Ah Lead acid battery
 -48V/405Ah Li-ion battery
 -AC controller
NEW CE



**MAX
CQD16L**
 -Capacity 1.6t
 -Lifting height 2700-8000mm
 -48V/405Ah Li-ion battery
 -AC controller



**MAX
CQD20L**
 -Capacity 2.0t
 -Lifting height 2700-12000mm
 -48V/405Ah Li-ion battery
 -AC controller
CE



**MAX
CQD16RV(F)2
CQD20RV(F)2**
 -Capacity 1.6/2.0t
 -Lifting height 7500-12000mm
 -48V/500Ah Lead acid battery
 -48V/405Ah Li-ion battery
 -AC controller



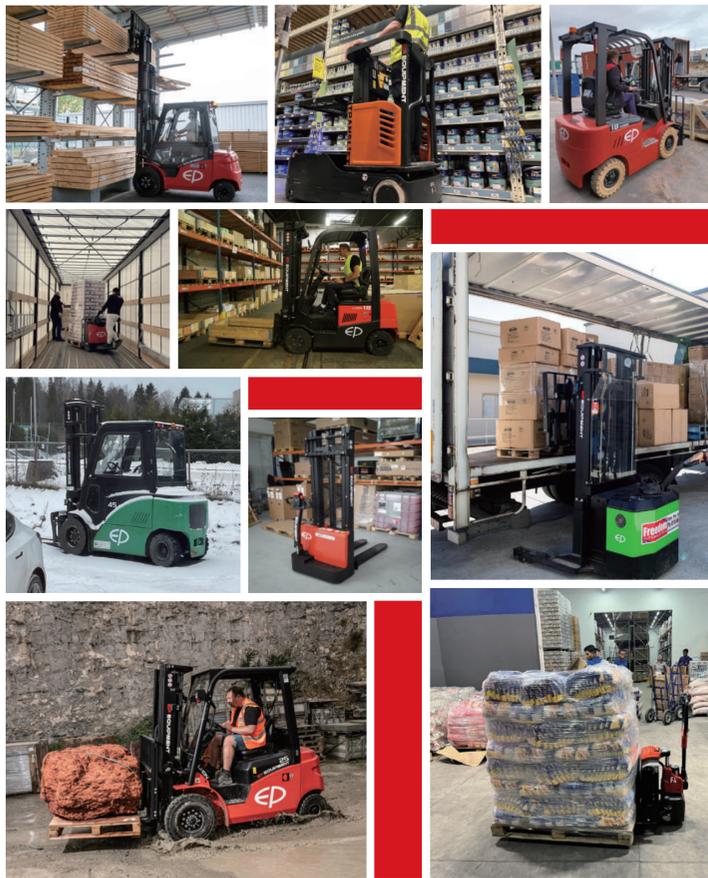
**MAX
CQD20LB**
 -Capacity 2.0t
 -Lifting height 7500-12000mm
 -48V/280Ah Li-ion battery
 -AC controller
NEW



**MAX
CQD25RV(F)**
 -Capacity 2.5t
 -Lifting height 2700-12500mm
 -48V/700Ah Lead acid battery
 -AC controller



EP IN ACTION



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EP 2024 PRODUCTS OVERVIEW



EP
 Let's grow together

EP EQUIPMENT CO., LTD
 ep-equipment.com

Introduction

Aimed at growing together with customers, promoting environment protection and creating a better future, EP Equipment persists in hard work on the right path, pursues development by making continuous innovation and seeks win win results by providing excellent services.



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01 ELECTRIC PALLET TRUCK

<p>MINI F1 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/85Ah AGM battery -Travel speed 4.5 km/h -DC controller -Integrated charger CE</p> 	<p>MINI F2 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/20Ah removable Li-Ion battery -Travel speed 4.5 km/h -DC controller</p> 	<p>MINI F3 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/20Ah removable Li-Ion battery -Travel speed 4.5 km/h -DC controller</p> 	<p>MINI F4 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/20Ah removable Li-Ion battery -Travel speed 4.5 km/h -DC controller</p> 
<p>MINI EPT12-EZX -Capacity 1.2t -Fork width 560/685mm -Fork length 1150mm -24V/20Ah Li-Ion battery -Travel speed 4.5 km/h -DC controller</p> 	<p>MINI EPL153 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/20Ah removable Li-Ion battery -Travel speed 5.0 km/h -DC controller</p> 	<p>MINI EPL1531 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/20Ah removable Li-Ion battery -Travel speed 5.0 km/h -DC controller CE</p> 	<p>MINI EPL154 -Capacity 1.5t -Fork width 540/685mm -Fork length 1150mm -24V/20Ah removable Li-Ion battery -Travel speed 5.0 km/h -DC controller CE</p> 
<p>MINI EPT20-15ET -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/85Ah AGM battery -Travel speed 4.5 km/h -DC controller -Integrated charger CE</p> 	<p>MINI EPT20-15ET2 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/85Ah/85Ah AGM battery -Travel speed 5.0 km/h -DC controller -Integrated charger CE</p> 	<p>MINI EPT20-15ET2H -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/85Ah AGM battery -Travel speed 4.0 km/h -DC controller -Integrated charger NEW CE</p> 	<p>MINI EPL185 -Capacity 1.8t -Fork width 540/685mm -Fork length 1150mm -48V/30Ah removable Li-Ion battery -Travel speed 5.5 km/h -DC controller CE</p> 
<p>MINI EPT20-18EA -Capacity 1.8t -Fork width 540/685mm -Fork length 1150mm -24V/85Ah AGM battery -Travel speed 5.0 km/h -AC controller</p> 	<p>MINI F4201 -Capacity 2.0t -Fork width 560/685mm -Fork length 1150mm -48V/30Ah removable Li-Ion battery -Travel speed 5.0 km/h -BLDC controller CE</p> 	<p>MINI EPT20-ET -Capacity 2.0t -Fork width 560/685mm -Fork length 1150mm -48V/30Ah AGM battery -Travel speed 5.5 km/h -DC controller -Integrated charger</p> 	<p>MINI EPT20-ET2(L) -Capacity 2.0t -Fork width 560/685mm -Fork length 1150mm -48V/30Ah AGM battery -48V/20Ah Li-Ion battery -Travel speed 5.5 km/h -DC controller -Integrated charger</p> 
<p>MAX WPL162/202 -Capacity 1.6/2.0t -Fork width 540/685mm -Fork length 1150mm -24V/100Ah Li-Ion battery -Travel speed 5.5 km/h -AC controller -Integrated charger NEW CE</p> 	<p>MAX EPT20-20WA EPT25-WA -Capacity 2.0/2.5t -Fork width 540/685mm -Fork length 1150mm -24V/210Ah/240Ah Lead acid battery -24V/205Ah Li-Ion battery -Travel speed 5.5 km/h -AC controller CE</p> 	<p>MAX KPL201(H) -Capacity 2.0t -Fork width 540/685mm -Fork length 1150mm -24V/205Ah Li-Ion battery -Travel speed 10.0/12.0 km/h -AC controller NEW CE</p> 	<p>MAX EPT20-SR -Capacity 2.0t -Fork width 540/685mm -Fork length 1150mm -24V/205Ah Li-Ion battery -Travel speed 6.0 km/h -AC controller</p> 
<p>MINI ETR151 -Capacity 1.5t -Fork width 560/685mm -Fork length 1150mm -24V/85Ah AGM battery -Travel speed 6.0 km/h -AC controller NEW</p> 	<p>MAX RPL201(H) -Capacity 2.0t -Fork width 560/685mm -Fork length 1150mm -24V/205Ah Li-Ion battery -Travel speed 8.0/12.0 km/h -AC controller CE</p> 	<p>MAX RPL251/301 -Capacity 2.5/3.0t -Fork width 560/685mm -Fork length 1150mm -24V/205Ah Li-Ion battery -Travel speed 5.5/6.0 km/h -AC controller CE</p> 	<p>MAX EPT20-30RTS EPT20-35RTS -Capacity 3.0/3.5t -Fork length 1190mm -Fork width 686mm -24V/280Ah/360Ah Lead acid battery -24V/205Ah Li-Ion battery -Travel speed 12.0 km/h -AC controller</p> 

02 ELECTRIC STACKER

<p>MINI ES12-12MM -Capacity 1.2t -Lifting height 1605-1955mm -24V/85Ah AGM / 80Ah Li-Ion -DC controller -Integrated charger CE</p> 	<p>MINI ESA121-M -Capacity 1.2t -Lifting height 1603-1953mm -24V/105Ah/125Ah AGM battery -24V/100Ah Li-Ion battery -DC controller -Integrated charger NEW CE</p> 	<p>MINI EST124 -Capacity 1.2t -Lifting height 2513-3613mm -24V/80Ah AGM / 80Ah Li-Ion -DC controller -Integrated charger CE</p> 	<p>MINI EST122/ESL122 -Capacity 1.2t -Lifting height 2516-3616mm -24V/85Ah AGM / 80Ah Li-Ion -DC controller -Integrated charger CE</p> 
<p>MINI ES12-12ES -Capacity 1.2t -Lifting height 3015-3615mm -24V/105Ah AGM / 80Ah Li-Ion -DC controller -Integrated charger CE</p> 	<p>MINI ESA121 -Capacity 1.2t -Lifting height 2500-4100mm -24V/105Ah/125Ah AGM battery -24V/100Ah Li-Ion battery -DC controller -Integrated charger NEW CE</p> 	<p>MINI ES15-15ES -Capacity 1.5t -Lifting height 2515-4150mm -24V/125Ah AGM -DC controller -Integrated charger CE</p> 	<p>MINI ES12-25MM ES12-25DM -Capacity 1.2t -Lifting height 1510/2980-1920/3580mm -24V/85Ah/105Ah/125Ah AGM -24V/80Ah Li-Ion battery -DC controller CE</p> 
<p>MINI ESA121-D -Capacity 1.2t -Lifting height 2480-4080mm -24V/105Ah/125Ah AGM battery -24V/100Ah Li-Ion battery -DC controller -Integrated charger NEW CE</p> 	<p>MAX ES12-12WA ES14-14WA ES16-16WA -Capacity 1.2/1.4/1.6t -Lifting height 3000-4900mm -24V/240Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller</p> 	<p>MAX WSA121/161 -Capacity 1.2/1.6t -Lifting height 3000-5500mm -24V/100Ah/205Ah Li-Ion battery -AC controller -Integrated charger NEW CE</p> 	<p>MAX ES20-WA -Capacity 2.0t -Lifting height 3000-4800mm -24V/280Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller CE</p> 
<p>MAX ES12-25WA -Capacity 1.2t -Lifting height 3280-5000mm -24V/210Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller CE</p> 	<p>MAX ES14-30WA ES18-40WA -Capacity 1.4/1.8t -Lifting height 3200-5000mm -24V/210Ah/280Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller CE</p> 	<p>MINI ESR152 -Capacity 1.5t -Lifting height 2500-3300mm -24V/85Ah/105Ah AGM battery -DC controller -Integrated charger NEW</p> 	<p>MAX ES16-RS -Capacity 1.6t -Lifting height 3000-5800mm -24V/210Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller CE</p> 
<p>MAX ES20-20RAS -Capacity 2.0t -Lifting height 3000-5500mm -24V/210Ah/280Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller</p> 	<p>MAX RSC082/122 -Capacity 0.8/1.2t -Lifting height 2000-3300mm -24V/210Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller NEW CE</p> 	<p>MAX RSC152/202 -Capacity 1.5/2.0t -Lifting height 2600-5000mm -24V/210Ah Lead acid battery -24V/205Ah Li-Ion battery -AC controller</p> 	<p>MINI ES06-CA -Capacity 0.6t -Lifting height 3020-3320mm -24V/165Ah AGM battery -AC controller</p> 
<p>▼ Initial Lifting</p>			
<p>MINI ES12-12MMI -Capacity 1.2t -Lifting height 1605-1955mm -24V/85Ah AGM / 80Ah Li-Ion -DC controller -Integrated charger CE</p> 	<p>MINI ES1161 -Capacity 1.6t Up fork capacity 0.8t -Lifting height 1608mm -24V/80Ah Li-Ion battery -DC controller -Integrated charger CE</p> 	<p>MAX ES12-12WAI -Capacity 1.2t -Lifting height 3010-3610mm -24V/210Ah Lead acid battery -24V/205Ah Li-Ion battery -AC Motor CE</p> 	<p>MAX WS161 -Capacity 1.6t -Lifting height 3000-5500mm -24V/100Ah Li-Ion battery -AC controller -Integrated charger NEW CE</p> 
<p>MAX ES16-RSI -Capacity 1.6t -Lifting height 3000-5000mm -24V/280Ah Lead acid battery -AC controller CE</p> 	<p>MAX KSi201 -Capacity 2.0t Up fork capacity 1.0t -Lifting height 1600/2100mm -24V/205Ah Li-Ion battery -AC controller -Integrated charger CE</p> 		

03 ORDER PICKER & TOW TRACTOR

<p>MAX JX0 -Capacity 90/110/136KG -Lifting height 3000mm -24V/120Ah Lead acid battery -24V/135Ah Li-Ion battery -DC controller CE</p> 	<p>MAX JX1 -Capacity 227/137/136KG -Lifting height 3200-4800mm -24V/120Ah Lead acid battery -24V/135Ah Li-Ion battery -AC controller CE</p> 	<p>MAX JX2-1 -Capacity 0.7t -Travel speed 8.0km/h -24V/360Ah Lead acid battery -AC controller</p> 	<p>MAX JX2-3 -Capacity 0.7t -Travel speed 8.0km/h -24V/360Ah Lead acid battery -AC controller</p> 	<p>MAX JX2-4 -Capacity 0.7t -Travel speed 8.0km/h -24V/360Ah Lead acid battery -AC controller</p> 	<p>MAX TPL301 -Capacity 3.0t -Fork width 560/685mm -Fork length 1150/2400mm -24V/280Ah/410Ah Li-Ion battery -Travel speed 14.5 km/h -AC controller NEW CE</p> 	<p>MINI QDD10 -Capacity 1.0t -Travel speed 5.0 km/h -24V/50Ah Lead acid battery -DC controller CE</p> 	<p>MINI QDD10L -Capacity 1.0t -Travel speed 5.0 km/h -24V/20Ah Li-Ion battery -DC controller CE</p> 
<p>MINI QDD10/15T -Capacity 1.0/1.5t -Travel speed 5.0 km/h -24V/20Ah Li-Ion battery -DC controller</p> 	<p>MAX QDD30S/QDD45S -Capacity 3.0/4.5t -Travel speed 7.0/5.0 km/h -48V/240Ah/275Ah Lead acid battery -AC controller</p> 	<p>MAX QDD301/601T -Capacity 3.0/6.0t -Travel speed 15.0/17.0 km/h -48V/205Ah Li-Ion battery -AC controller CE</p> 					



EFL702

7000kg Li-ion Counterbalance Forklift



- Heavy duty 80 V Li-Ion battery truck designed around I/C implemented chassis
- Double front superelastic tyres
- High travelling, lifting speed and maximum gradeability
- Great ergonomic design with spacious legroom, adjustable steering wheel and comfortable bucket seat
- 80V Li-Ion battery grant efficiency, long autonomy and occasional charge
- Multi battery chargers fulfilling different needs

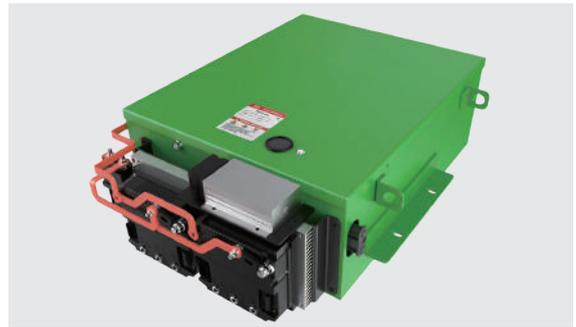


Manufacturer			EP
Model designation			EFL702
Drive			Electric
Load capacity	Q	kg	7000
Load center distance	c	mm	600
Service weight		kg	9600
Retracted mast height	h1	mm	2500
Lift height	h3	mm	3000
Height, mast extended	h4	mm	4430
Length to face of forks	l2	mm	3525
Overall width	b1/b2	mm	1994
Fork dimensions	s/e/l	mm	65x150x1220
Turning radius	Wa	mm	3480
Travel speed, laden/unladen		km/h	14/16
Lifting speed, laden/unladen		m/s	0.35/0.4
Lowering speed, laden/unladen		m/s	0.4/0.38
Max. gradeability, laden/unladen		%	15/20
Drive motor rating S2 60 min		kW	30
Battery voltage/nominal capacity		V/Ah	80/820

FEATURE

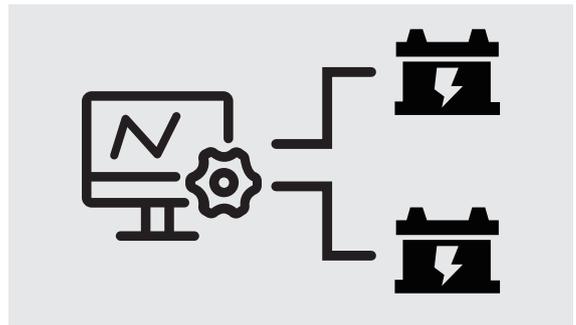
Li-ion technology

The EFL702 adapts LFP Li-ion battery and there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck. Thanks to opportunity charging, this forklift can be charged at preferable time during the day without disrupting working schedules.



Thoughtful control strategy for operation safety

The EFL702 comes with a BMS which consists of a master controller and two slave controllers, to lower the risks of truck suspension due to battery failure. When one slave controller is down, operators are able to drive the truck back to the shop for inspection and repair without calling for roadside assistance.



Multi chargers fulfilling different needs

The EFL702 is equipped with an external three-phase charger as standard. To meet users' working shifts and conditions, dual chargers are available, which provides more flexibility and convenience.



Telematics

EFL702 offers EP's latest Telematics. It provides the following features to facilitate your fleet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics



Market-proven components providing high durability

The EFL702 features a strong chassis, which ensure a naturally long lifespan and durability.

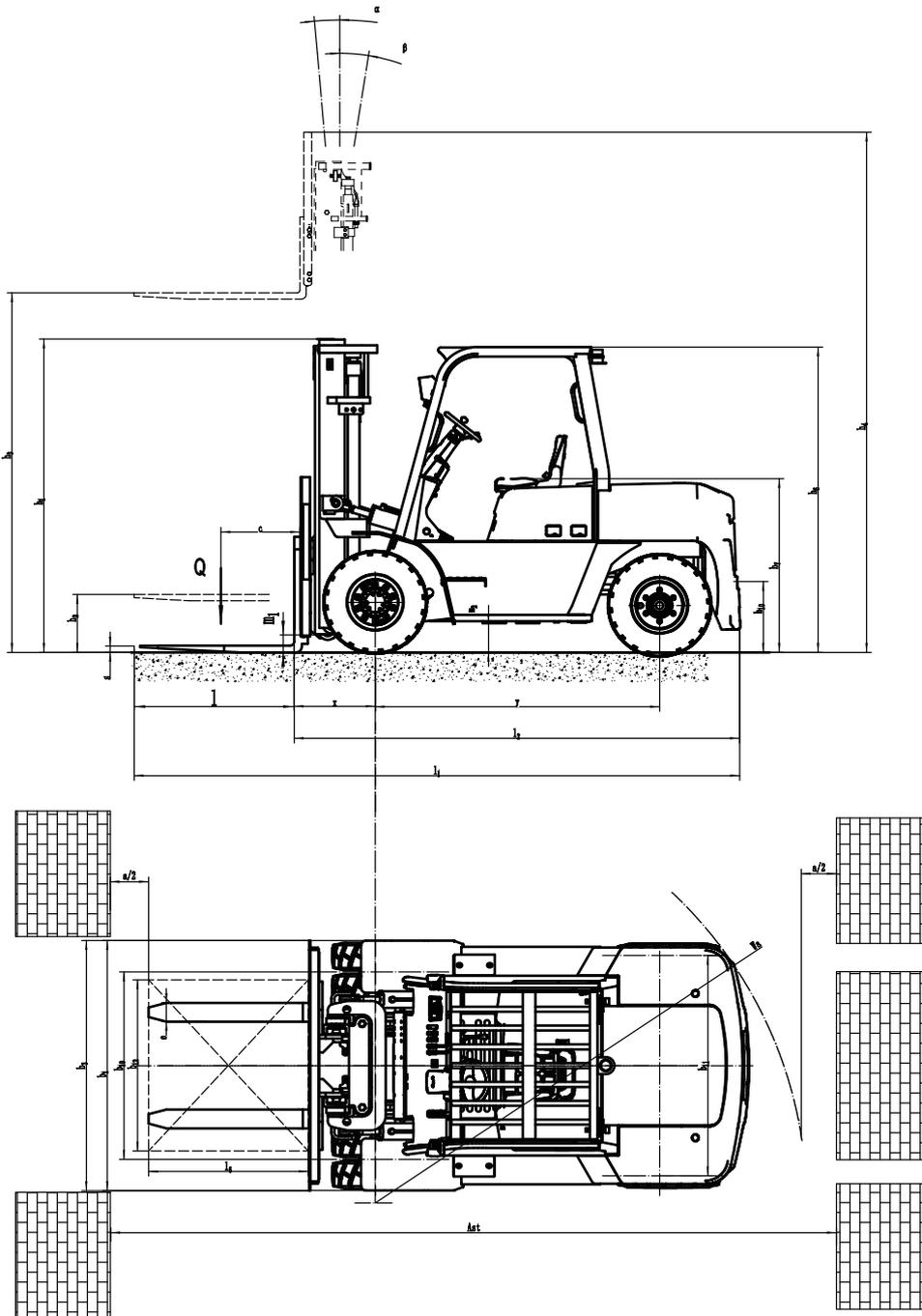


7.0 T Li-ion Counterbalance Forklift Truck

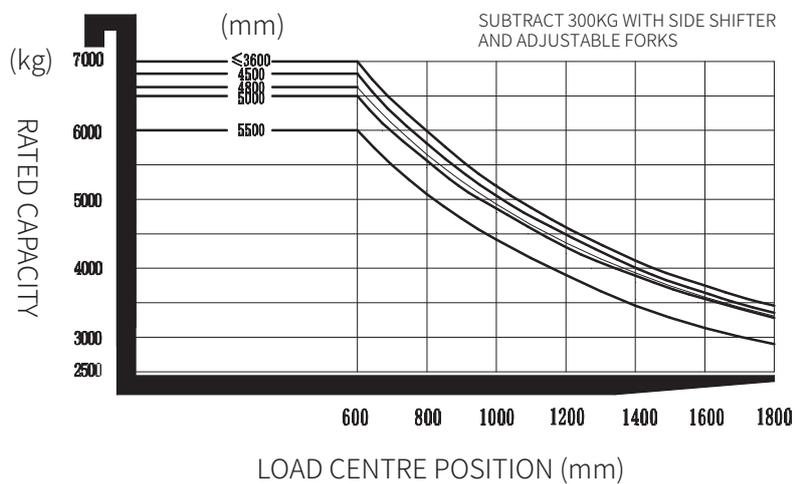
EFL702

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EFL702
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Load capacity	Q	kg	7000
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	635
	1.9	Wheelbase	y	mm	2250
	Service weight	2.1	Service weight		kg
2.2		Axle loading, laden front/rear		kg	15020/1580
2.3		Axle loading, unladen front/rear		kg	3990/5610
Tyres/chassis	3.1	Tyre type			Pneumatic
	3.2	Tyre size, front			8.25-15-14PR
	3.3	Tyre size, rear			8.25-15-14PR
	3.5	Wheels, number front/rear (x=drive wheels)		mm	4X/2
	3.6	Tread width, front	b10	mm	1470
	3.7	Tread width, rear	b11	mm	1700
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°
4.2		Retracted mast height	h1	mm	2500
4.3		Free lift	h2	mm	170
4.4		Lift height	h3	mm	3000
4.5		Height, mast extended	h4	mm	4430
4.7		Height of overhead guard (cabin)	h6	mm	2450
4.8		Seat height/standing height	h7	mm	1390
4.12		Tow coupling height	h10	mm	310
4.19		Overall length	l1	mm	4745
4.20		Length to face of forks	l2	mm	3525
4.21		Overall width	b1/b2	mm	1994
4.22		Fork dimensions	s/e/l	mm	65X150X1220
4.23		A,B Fork carriage class/type A, B			4A
4.24		Fork carriage width	b3	mm	1995
4.31		Ground clearance, laden, below mast	m1	mm	160
4.32		Ground clearance, center of wheelbase	m2	mm	200
4.34.1		Aisle width for pallets 1000×1200 crossways	Ast	mm	5535
4.34.2		Aisle width for pallets 800×1200 crossways	Ast	mm	5535
4.35		Turning radius	Wa	mm	3480
Performance data		5.1	Travel speed, laden/unladen		km/h
	5.2	Lifting speed, laden/unladen		m/s	0.35/0.4
	5.3	Lowering speed, laden/unladen		m/s	0.4/0.38
	5.5	Drawbar pull, laden/unladen		N	—
	5.6	Max. drawbar pull, laden/unladen		N	30000
	5.8	Max. gradeability, laden/unladen		%	15/20
	5.10	Service brake			Hydraulic/ Mechanical
5.11	Parking brake			Mechanical	
Electric-engine	6.1	Drive motor rating S2 60 min		kW	30
	6.2	Lift motor rating at S3 15%		kW	24.4x2
	6.4	Battery voltage/nominal capacity		V/Ah	80V/820Ah
	6.5	Battery weight		kg	610
Addition data	8.1	Type of drive control			AC
	10.5	Steering design			Hydraulic
	10.7	Sound pressure level at the driver's ear		dB(A)	< 75

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



RATED CAPACITIES AND LOAD CENTERS GRAPH



Mast option:

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest
	No backrest		With backrest	mm		
2-Standard Mast	3000	2510	4000	4430	130	130
	3300	2660	4200	4730	130	130
	3500	2760	4500	4930	130	130
	4000	3020	5000	5430	130	130
	4500	3310	5500	5930	130	130
	5000	3560	6000	6430	130	130
2-Free Mast	5500	3860	6500	6930	130	130
	3000	2480	4000	4430	1545	1090
	3300	2630	4300	4730	1695	1240
	3500	2730	4500	4930	1795	1340
3-Free Mast	4000	3030	5000	5430	2095	1640
	4500	2650	5070	5750	1740	1285
	4800	2765	5375	6050	1845	1390
	5000	2830	5575	6250	1910	1455
	5400	2965	6150	6830	2045	1590
	6000	3165	6570	7250	2245	1790

Option:

No.	Optional items	EFL702
1.1	Fork dimension	●150*65*1220○150*65*1370○150*65*1520○150*65*1600○150*65*1820 ○150*65*2100○150*65*2200○150*65*2420○150*65*2500
1.4	Fork carriage width	●1845mm○Yes and can be customized
1.5	Fork carriage height	●1345mm○Yes and can be customized
2.5	Front wheel material	●Pneumatic○Solid○No-marking solid
2.6	Rear wheel material	●Pneumatic○Solid○No-marking solid
2.7	Battery capacity	●80V820AH
2.8	Charger	●80V200A ○80V130A+80V130A ○80V200A+80V200A
2.9	Battery indicator	●With time
2.10	Seat type	●Suspension
2.11	Attachments	●No○External shifter○Fork positioner
2.13	Traction pin	●Yes
2.14	Electrostatic chain	●Yes
3.5	Front lamp	●LED
3.6	Rear lamp	●No○LED
3.7	Warning lamp	●Yes
3.8	Steering lamp	●Yes
3.9	Blue lamp	●No○2 front○1 rear○2 front+1 rear
3.10	Area warning lamp	●No○1 left, 1 right (Red)
3.11	Rearview mirror	●1 in the middle○ Add 1 rearview mirror on both side
3.12	Buzzer	●Yes
3.17	OPS system	●Yes
3.23	Telematics	●Yes
4.3	Cabin	●No○Basic half cabin: window with wiper, ceiling, water injector for wiper ○upgraded half cabin: Basic half cabin +rear window with wiper, fan, water injector for wiper ○Full cabin: upgraded half cabin+doors, water injector for wiper
4.9	Heater	●No○Yes and not customized(Only for full cabin)
4.10	water injector for wiper	○Yes and not customized

Note: ● standard ○ option — NA

Fully Closed Cabin (Option)





EFL252

Electric Counterbalance Forklift Truck 2.5T **LI-ION** TECHNOLOGY

- Compact size
- High strength components
- Lithium-ion technology
- Telematics
- Low TCO

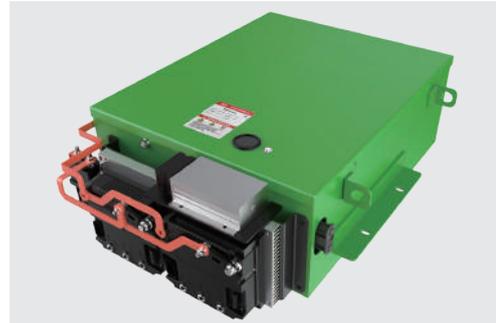
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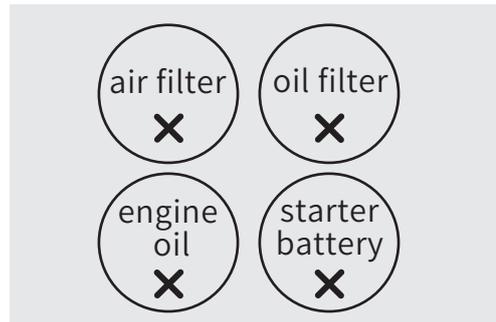
■ Lithium-ion technology

EFL252 adapts LFP Li-ion battery that prevents the battery from self-ignition and ensures safety operation. It supports opportunity charging so it can be charged at preferable time during the day without disrupting working schedules.



■ Low TCO

Comparing to a diesel forklift truck, EFL252 saves 30%-50% of energy cost with li-ion technology. And there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck.



■ Compact size

The overall length of EFL252 is 3573 mm that is 5% more compacted in size than a regular IC forklift to be used in narrow aisle.



■ IPX4 rated water-protected design

The EFL252 is IPX4 rated and that protects the trucks from splash of water from different angles. The water-proofed design allows the trucks to be operated outdoors, even in the rain.



■ Telematics

EFL252 offers EP's latest Telematics. It provides the following features to facilitate your fleet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics
- Updates on card access registration

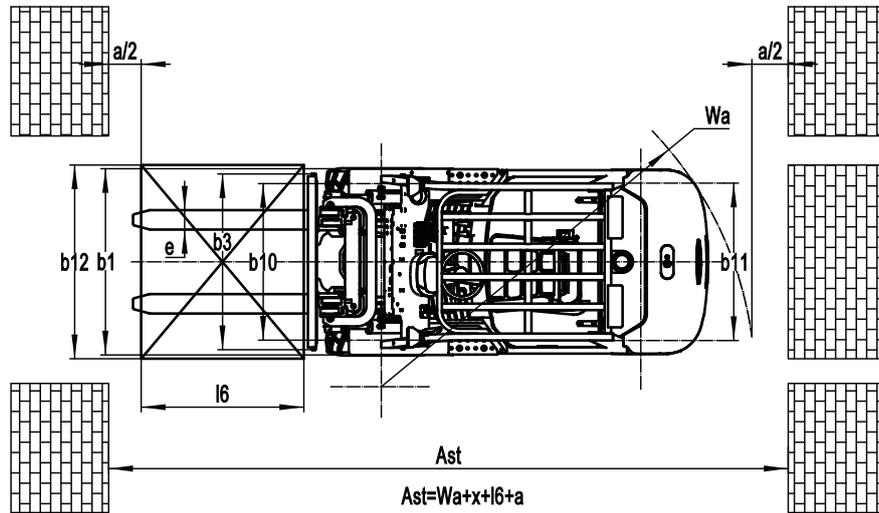
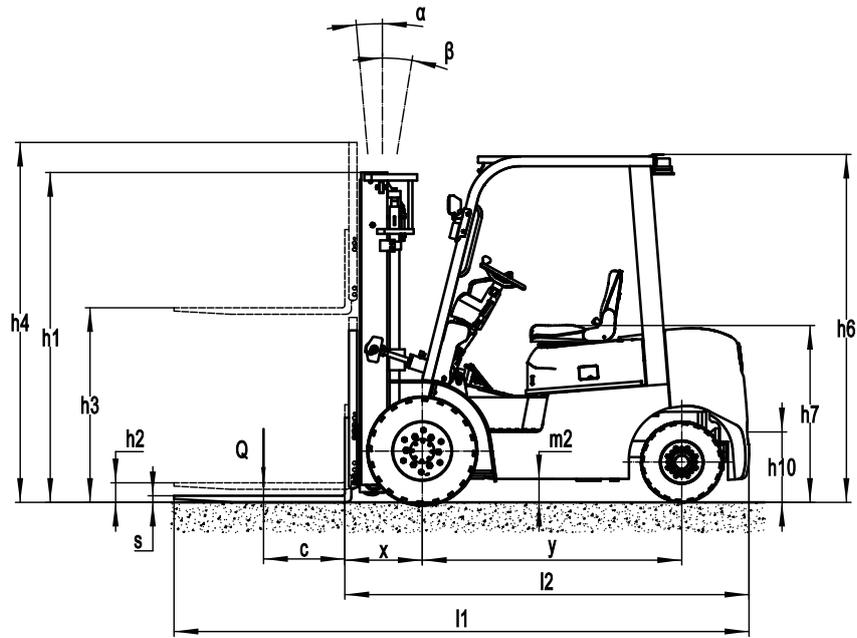


Electric Counterbalance Forklift Truck 2.5T

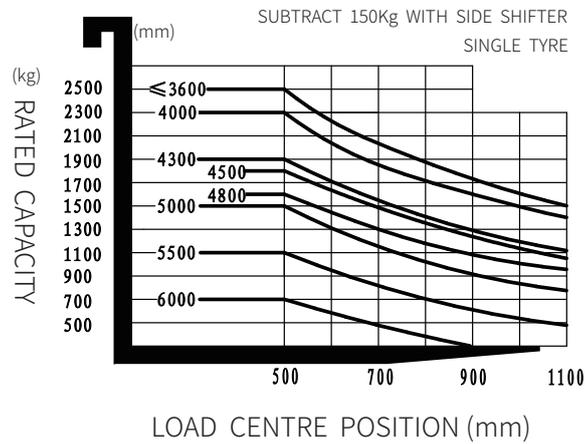
EFL252

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EFL252
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Load capacity	Q	kg	2500
	1.6	Load center distance	c	mm	500
	1.8	Load distance, centre of drive axle to fork	x	mm	495
	1.9	Wheelbase	y	mm	1595
	Service weight	2.1	Service weight		
2.2		Axle loading, laden front/rear		kg	5530/800
2.3		Axle loading, unladen front/rear		kg	1480/2350
Tyres/chassis	3.1	Tyre type			Solid rubber
	3.2	Tyre size, front			7.00-12
	3.3	Tyre size, rear			6.00-9
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2x/ 2
	3.6	Tread width, front	b10	mm	970
	3.7	Tread width, rear	b11	mm	975
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/ 10
	4.2	Retracted mast height	h1	mm	2060
	4.3	Free lift	h2	mm	140
	4.4	Lift height	h3	mm	3000
	4.5	Height, mast extended	h4	mm	4050
	4.7	Height of overhead guard (cabin)	h6	mm	2160
	4.8	Seat height/standing height	h7	mm	1095
	4.12	Tow coupling height	h10	mm	435
	4.19	Overall length	l1	mm	3573
	4.20	Length to face of forks	l2	mm	2503
	4.21	Overall width	b1/b2	mm	1154
	4.22	Fork dimensions	s/e/l	mm	40×122×1070
	4.23	A,B Fork carriage class/type A, B			2A
	4.24	Fork carriage width	b3	mm	1090
	4.31	Ground clearance, laden, below mast	m1	mm	100
	4.32	Ground clearance, center of wheelbase	m2	mm	150
	Performance data	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm
4.34.2		Aisle width for pallets 800×1200 crossways	Ast	mm	4195
4.35		Turning radius	Wa	mm	2290
5.1		Travel speed, laden/unladen		km/h	11/12
5.2		Lifting speed, laden/unladen		m/s	0.28/0.37
5.3		Lowering speed, laden/unladen		m/s	0.45/0.5
5.5		Drawbar pull, laden/unladen		N	—
5.6		Max. drawbar pull, laden/unladen		N	—
5.8		Max. gradeability, laden/unladen		%	15/15
5.10		Service brake			Hydraulic
Electric-engine	5.11	Parking brake			Mechanical
	6.1	Drive motor rating S2 60 min		kW	10
	6.2	Lift motor rating at S3 15%		kW	16
	6.4	Battery voltage/nominal capacity		V/Ah	80V205AH
	6.5	Battery weight		kg	—
Addition data	8.1	Type of drive control			AC
	10.5	Steering design			Hydraulic
	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.



RATED CAPACITIES



Option

No.	Optional items	EFL252
1.1	Fork dimension	○122*40*920●122*40*1070○122*40*1150○122*40*1220○122*40*1370 ○122*40*1500○122*40*1600○122*40*1700○122*40*1820○122*40*1900 ○122*40*2000○122*40*2200
1.4	Fork carriage width	●1040mm○Yes and not customized
1.5	Fork carriage height	●1025mm○Yes and not customized
2.5	Front wheel material	●Pneumatic○Solid○Non-marking
2.6	Rear wheel material	●Pneumatic○Solid○Non-marking
2.7	Battery capacity	●80V205AH○80V280AH○80V410AH
2.8	Charger	●80V35A○80V65A○80V130A○80V200A ○80V35A internal○80V60A internal
2.9	Battery indicator	●With time
2.10	Seat type	●Regular○Premium○Suspension○Suspension + seatbelt logic switch
2.11	Attachments	●No○Built-in sideshifter○External shifter○Fork positioner
2.13	Traction pin	●Yes
3.5	Front lamp	●LED
3.6	Rear lamp	●No○LED
3.7	Warning lamp	●Yes
3.8	Steering lamp	●Yes
3.9	Blue lamp	●No○2 front○1 rear○2 front + 1 rear
3.10	Area warning lamp	●No○1 left + 1 right (red)
3.11	Rearview mirror	●1 in the middle○Add rearview mirror on both sides
3.12	Buzzer	●Yes
3.17	OPS system	●Yes
3.23	Telematics	●No○Yes and not customized
4.3	Cabin	●No○Basic semi-enclosed cabin○Upgrade semi-enclosed cabin○Full cabin
4.9	Heater	●No○Yes and not customized

Note: ● standard ○ option — NA

Mast Option

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No shelving	With shelving
			No shelving	With shelving		
	mm	mm	mm	mm	mm	mm
2-Standard Mast	3000	2075	3565	4025	140	140
	3300	2225	3865	4325	140	140
	3600	2375	4165	4625	140	140
	4000	2625	4565	5025	140	140
2-Free Mast	3000	2035	3565	4025	1470	1000
	3300	2185	3865	4325	1620	1150
3-Free Mast	4300	2035	4865	5325	1470	1000
	4500	2115	5065	5525	1550	1080
	4800	2220	5365	5825	1655	1185
	5000	2305	5565	6025	1740	1270
	5500	2555	6065	6525	1990	1520
	6000	2805	6565	7025	2240	1770



EFL302/EFL352

Li-Ion Counterbalance Forklift Truck 3.0/3.5T



- IC forklift design with li-Ion technology
- Big tyres & high ground clearance
- Simple components for easy service & maintenance
- Li-Ion battery for opportunity charging & flexibility
- Outdoor & indoor: the most flexible forklift in the industry

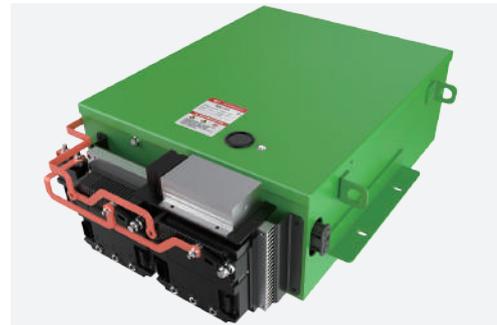
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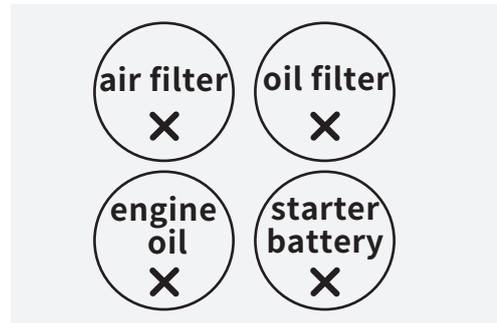
■ Lithium-ion technology

EFL302/352 adapts LFP Li-ion battery that prevents the battery from self-ignition and ensures safety operation. EFL302/352 supports opportunity charging so it can be charged at preferable time during the day without disrupting working schedules.



■ Low TCO

Comparing to a diesel forklift truck, EFL302/352 saves 30%-50% of energy cost with li-ion technology. And there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck.



■ Easy driving

The truck is equipped with mechanical braking system. The system shortens the braking distance to ensure safety while reducing the driving fatigue in the meantime.



■ IPX4 rated water-protected design

The EFL302/352 is IPX4 rated and that protects the trucks from splash of water from different angles. The waterproofed design allows the trucks to be operated outdoors, even in the rain.



■ Telematics

EFL302/352 offers EP's latest Telematics. It provides the following features to facilitate your fleet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics
- Updates on card access registration

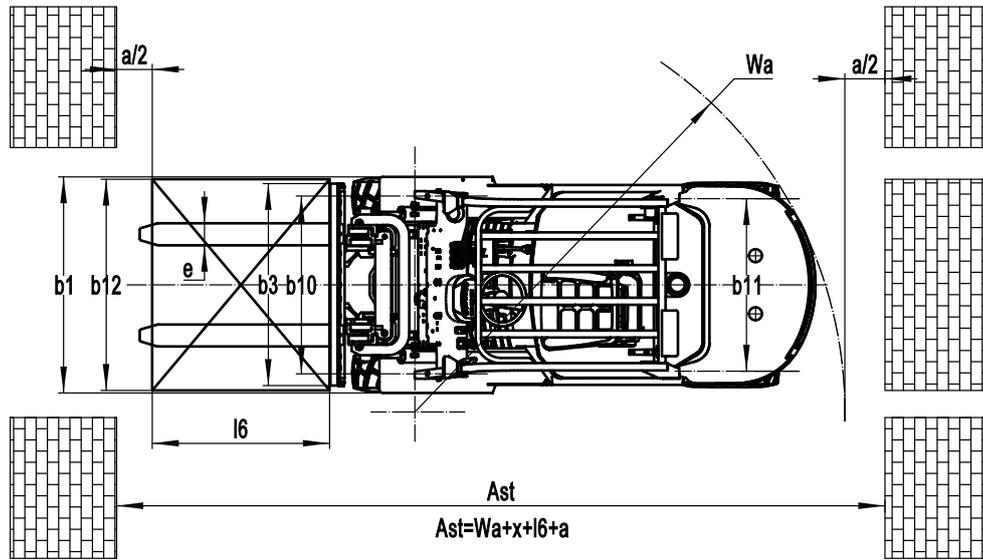
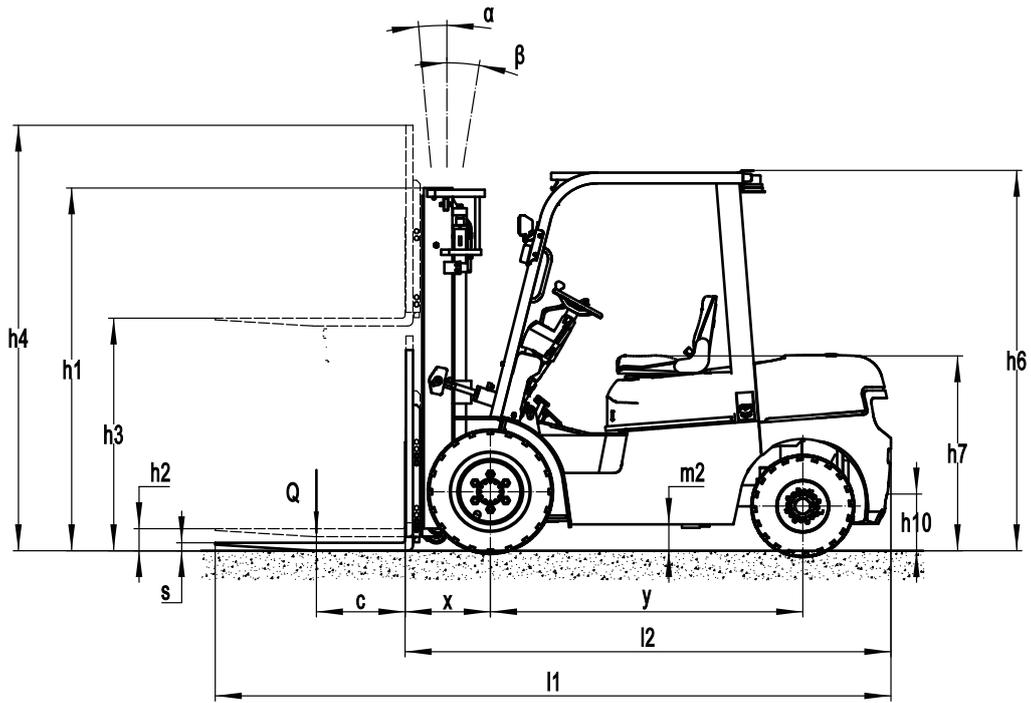


Electric Counterbalance Forklift Truck 3.0/3.5T

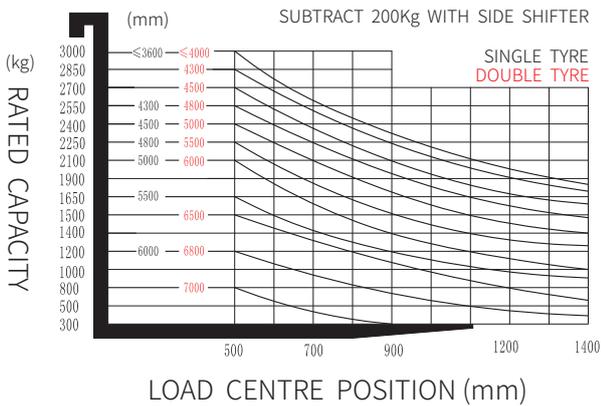
EFL302/EFL352

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			EFL302	EFL352
	1.3	Drive			Electric	Electric
	1.4	Operator type			Seated	Seated
	1.5	Load capacity	Q	kg	3000	3500
	1.6	Load center distance	c	mm	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm	481	481
	1.9	Wheelbase	y	mm	1750	1810
	Service weight	2.1	Service weight		kg	4080
2.2		Axle loading, laden front/rear		kg	6420/660	7100/960
2.3		Axle loading, unladen front/rear		kg	1740/2340	1670/2890
Tyres/chassis	3.1	Tyre type			Solid rubber	Solid rubber
	3.2	Tyre size, front			28X9-15	28X9-15
	3.3	Tyre size, rear			6.50-10	6.50-10
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2x/ 2	2x/ 2
	3.6	Tread width, front	b10	mm	1010	1010
	3.7	Tread width, rear	b11	mm	980	980
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/ 10
4.2		Retracted mast height	h1	mm	2070	2070
4.3		Free lift	h2	mm	120	120
4.4		Lift height	h3	mm	3000	3000
4.5		Height, mast extended	h4	mm	4110	4110
4.7		Height of overhead guard (cabin)	h6	mm	2160	2190
4.8		Seat height/standing height	h7	mm	1130	1130
4.12		Tow coupling height	h10	mm	320	320
4.19		Overall length	l1	mm	3780	3940
4.20		Length to face of forks	l2	mm	2710	2870
4.21		Overall width	b1/b2	mm	1230	1230
4.22		Fork dimensions	s/e/l	mm	45×122×1070	50×122×1070
4.23		A,B Fork carriage class/type A, B			3A	3A
4.24		Fork carriage width	b3	mm	1150	1150
4.31		Ground clearance, laden, below mast	m1	mm	120	120
4.32		Ground clearance, center of wheelbase	m2	mm	150	150
4.34.1		Aisle width for pallets 1000×1200 crossways	Ast	mm	4181	4326
4.34.2		Aisle width for pallets 800×1200 lengthways	Ast	mm	4381	4526
4.35		Turning radius	Wa	mm	2500	2645
Performance data	5.1	Travel speed, laden/unladen		km/h	11/12	11/12
	5.2	Lifting speed, laden/unladen		m/s	0.29/0.36	0.26/0.34
	5.3	Lowering speed, laden/unladen		m/s	0.4/0.43	0.4/0.43
	5.5	Drawbar pull, laden/unladen		N	—	—
	5.6	Max. drawbar pull, laden/unladen		N	—	—
	5.8	Max. gradeability, laden/unladen		%	15/15	15/15
	5.10	Service brake			Hydraulic	Hydraulic
5.11	Parking brake			Mechanical	Mechanical	
Electric-engine	6.1	Drive motor rating S2 60 min		kW	10	10
	6.2	Lift motor rating at S3 15%		kW	16	16
	6.4	Battery voltage/nominal capacity		V/Ah	80V205AH	80V280AH
	6.5	Battery weight		kg	—	—
	Addition data	8.1	Type of drive control			AC
10.5		Steering design			Hydraulic	Hydraulic
10.7		Sound pressure level at the driver's ear		dB(A)	< 74	< 74

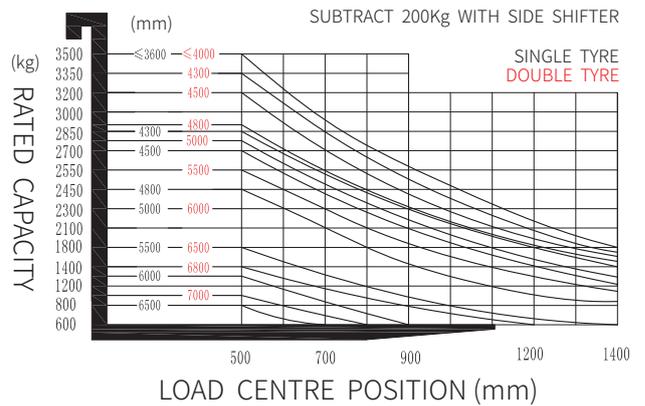
If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



EFL302
RATED CAPACITIES AND LOAD CENTERS GRAPH



EFL352
RATED CAPACITIES AND LOAD CENTERS GRAPH



Mast Option

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No shelving	With shelving
	No shelving		With shelving	mm		
2-Standard Mast	2700	1910	3330	3795	120	120
	3000	2060	3630	4095	120	120
	3300	2210	3930	4395	120	120
	3500	2310	4130	4595	120	120
	3600	2360	4230	4695	120	120
	4000	2610	4630	5095	120	120
	4300	2760	4930	5395	120	120
	4500	2860	5130	5595	120	120
2-Free Mast	3000	2040	3630	4095	1410	945
	3300	2190	3930	4395	1560	1095
	3600	2340	4230	4695	1710	1245
3-Free Mast	4300	2040	4930	5395	1410	945
	4500	2120	5130	5595	1490	1025
	4800	2225	5430	5895	1595	1130
	5000	2310	5630	6095	1680	1215
	5500	2560	6130	6595	1930	1465
	6000	2810	6630	7095	2180	1715

Option

No.	Optional items	EFL302	EFL352
1.1	Fork dimension	<input type="checkbox"/> 122*45*1070 <input type="checkbox"/> 122*45*1150 <input type="checkbox"/> 122*45*1220 <input type="checkbox"/> 122*45*1370 <input type="checkbox"/> 122*45*1520 <input type="checkbox"/> 122*45*1600 <input type="checkbox"/> 122*45*1700 <input type="checkbox"/> 122*45*1820 <input type="checkbox"/> 122*45*2000 <input type="checkbox"/> 122*45*2200 <input type="checkbox"/> 122*45*2400	<input type="checkbox"/> 122*50*1070 <input type="checkbox"/> 122*50*1150 <input type="checkbox"/> 122*50*1220 <input type="checkbox"/> 122*50*1370 <input type="checkbox"/> 122*50*1520 <input type="checkbox"/> 122*50*1600 <input type="checkbox"/> 122*50*1700 <input type="checkbox"/> 122*50*1820 <input type="checkbox"/> 122*50*2000 <input type="checkbox"/> 122*50*2200 <input type="checkbox"/> 122*50*2420
1.4	Fork carriage width	<input checked="" type="checkbox"/> 1100mm <input type="checkbox"/> Yes and not customized	
1.5	Fork carriage height	<input checked="" type="checkbox"/> 1095mm <input type="checkbox"/> Yes and not customized	
2.5	Front wheel material	<input type="checkbox"/> Pneumatic <input type="checkbox"/> solid <input type="checkbox"/> Non-marking	
2.6	Rear wheel material	<input type="checkbox"/> Pneumatic <input type="checkbox"/> solid <input type="checkbox"/> Non-marking	
2.7	Battery capacity	<input type="checkbox"/> 80V205AH <input type="checkbox"/> 80V280AH <input type="checkbox"/> 80V410AH	
2.8	Charger	<input type="checkbox"/> 80V65A <input type="checkbox"/> 80V35A <input type="checkbox"/> 80V130A <input type="checkbox"/> 80V200A <input type="checkbox"/> 80V35A internal <input type="checkbox"/> 80V60A internal	
2.9	Battery indicator	<input checked="" type="checkbox"/> With time	
2.10	Seat type	<input type="checkbox"/> Regular <input type="checkbox"/> Premium <input type="checkbox"/> Suspension <input type="checkbox"/> Suspension + seatbelt logic switch	
2.11	Attachments	<input checked="" type="checkbox"/> No <input type="checkbox"/> Built-in sideshifter <input type="checkbox"/> External shifter <input type="checkbox"/> Fork positioner	<input checked="" type="checkbox"/> No <input type="checkbox"/> Built-in sideshifter <input type="checkbox"/> External shifter <input type="checkbox"/> Fork positioner
2.13	Traction pin	<input checked="" type="checkbox"/> Yes	
3.5	Front lamp	<input checked="" type="checkbox"/> LED	
3.6	Rear lamp	<input checked="" type="checkbox"/> No <input type="checkbox"/> LED	
3.7	Warning lamp	<input checked="" type="checkbox"/> Yes	
3.8	Steering lamp	<input checked="" type="checkbox"/> Yes	
3.9	Blue lamp	<input checked="" type="checkbox"/> No <input type="checkbox"/> 2 front <input type="checkbox"/> 1 rear <input type="checkbox"/> 2 front + 1 rear	
3.10	Area warning lamp	<input checked="" type="checkbox"/> No <input type="checkbox"/> 1 left + 1 right (red)	
3.11	Rearview mirror	<input checked="" type="checkbox"/> 1 in the middle <input type="checkbox"/> Add rearview mirror on both sides	
3.12	Buzzer	<input checked="" type="checkbox"/> Yes	
3.17	OPS system	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes and not customized	
3.23	Telematics	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes and not customized	
4.3	Cabin	<input checked="" type="checkbox"/> No <input type="checkbox"/> Basic semi-enclosed cabin <input type="checkbox"/> Upgrade semi-enclosed cabin <input type="checkbox"/> Full cabin	
4.9	Heater	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes and not customized	

Note: standard option — NA



EFL1002

10.0 T Li-ion Counterbalance Forklift Truck

- IC forklift design with li-Ion technology
- Li-Ion battery for opportunity charging & flexibility
- Multi chargers fulfilling different needs
- Market-proven components providing high durability

LI-ION
TECHNOLOGY

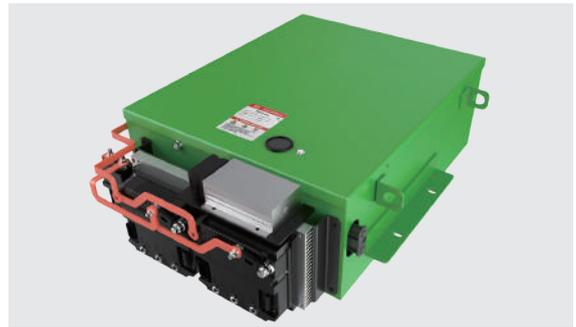
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FEATURE

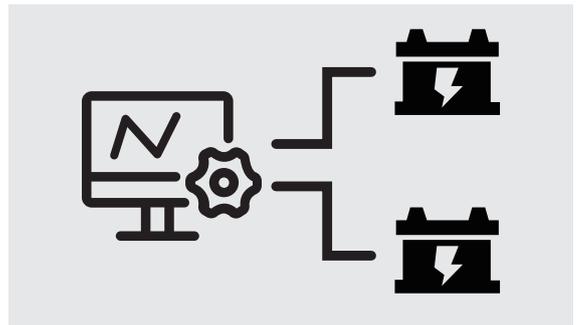
Li-ion technology

The EFL1002 adapts LFP Li-ion battery and there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck. Thanks to opportunity charging, this forklift can be charged at preferable time during the day without disrupting working schedules.



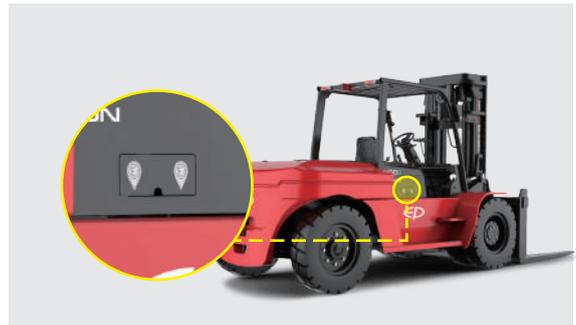
Thoughtful control strategy for operation safety

The EFL1002 comes with a BMS which consists of a master controller and two slave controllers, to lower the risks of truck suspension due to battery failure. When one slave controller is down, operators are able to drive the truck back to the shop for inspection and repair without calling for roadside assistance.



Multi chargers fulfilling different needs

The EFL1002 is equipped with an external three-phase charger as standard. To meet users' working shifts and conditions, dual chargers are available, which provides more flexibility and convenience.



Telematics

EFL1002 offers EP's latest Telematics. It provides the following features to facilitate your fleet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics



Market-proven components providing high durability

The EFL1002 features a strong chassis, which ensure a naturally long lifespan and durability.

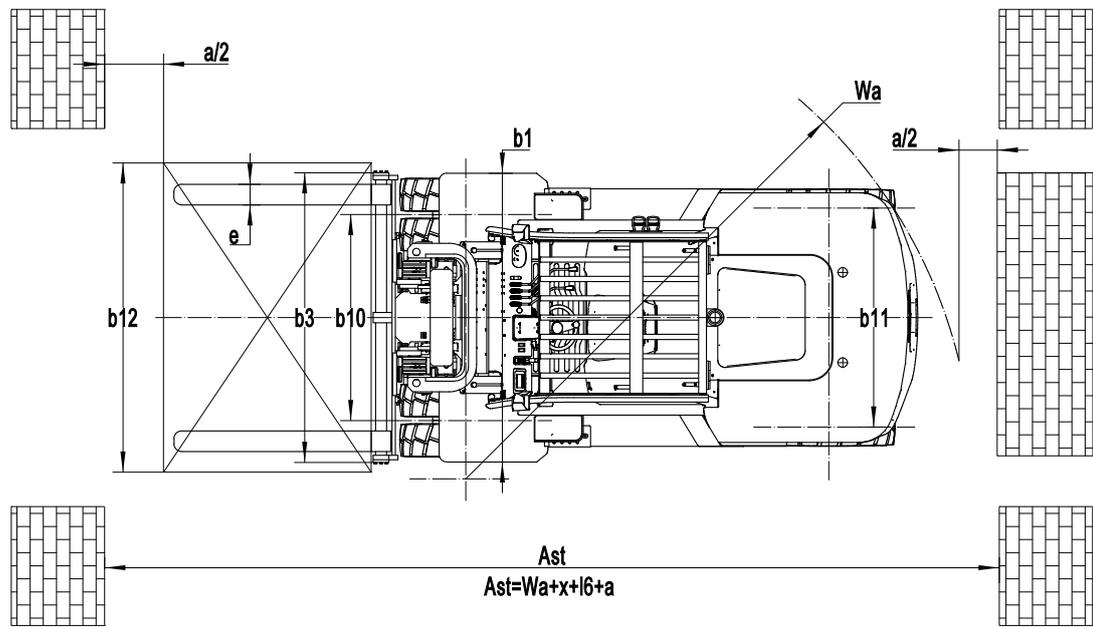
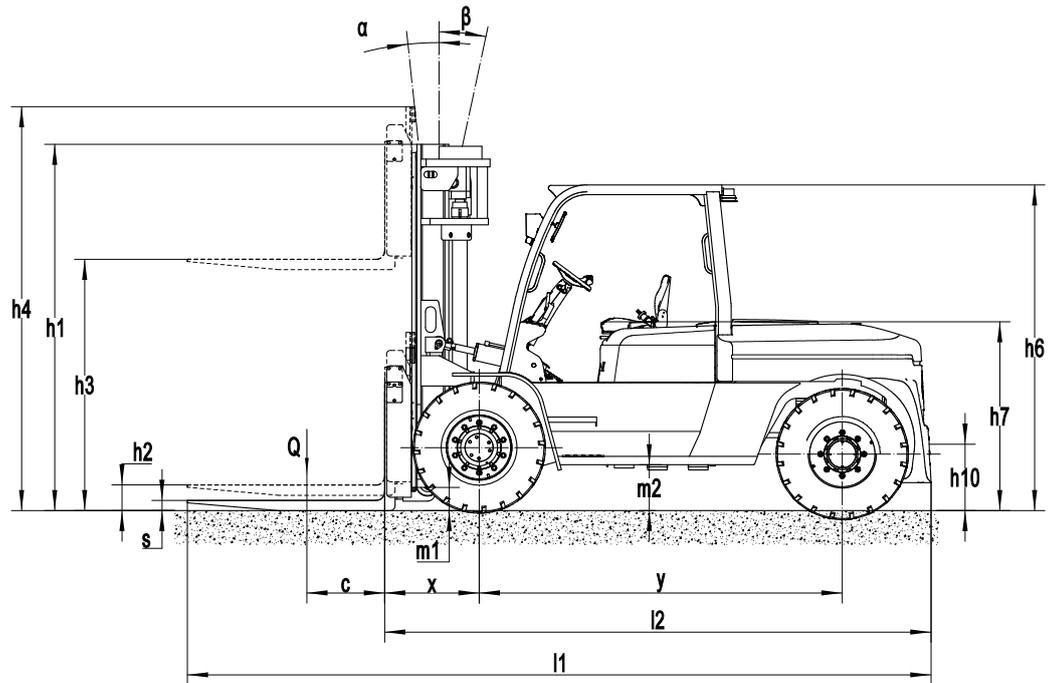


10.0 T Li-ion Counterbalance Forklift Truck

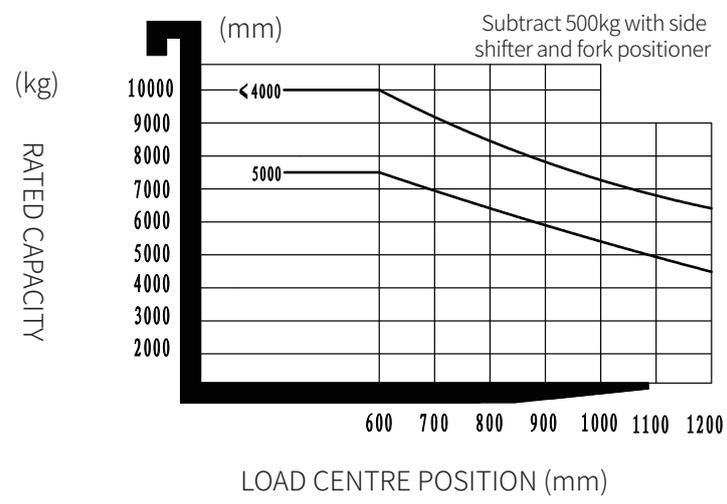
EFL1002

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EFL1002
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Load capacity	Q	kg	10000
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	728
	1.9	Wheelbase	y	mm	2800
	Service weight	2.1	Service weight		kg
2.2		Axle loading, laden front/rear		kg	21610/2810
2.3		Axle loading, unladen front/rear		kg	6670/7750
Tyres/chassis	3.1	Tyre type			Pneumatic
	3.2	Tyre size, front			9.00-20-14PR
	3.3	Tyre size, rear			9.00-20-14PR
	3.5	Wheels, number front/rear (x=drive wheels)		mm	4/2
	3.6	Tread width, front	b10	mm	1600
	3.7	Tread width, rear	b11	mm	1700
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/12
	4.2	Retracted mast height	h1	mm	2850
	4.3	Free lift	h2	mm	200
	4.4	Lift height	h3	mm	3000
	4.5	Height, mast extended	h4	mm	4420
	4.7	Height of overhead guard (cabin)	h6	mm	2560
	4.8	Seat height/standing height	h7	mm	1450
	4.12	Tow coupling height	h10	mm	524
	4.19	Overall length	l1	mm	5730
	4.20	Length to face of forks	l2	mm	4210
	4.21	Overall width	b1/b2	mm	2242
	4.22	Fork dimensions	s/e/l	mm	80X160X1520
	4.23	A,B Fork carriage class/type A, B			5A
	4.24	Fork carriage width	b3	mm	2210
	4.31	Ground clearance, laden, below mast	m1	mm	190
	4.32	Ground clearance, center of wheelbase	m2	mm	340
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	5838
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	6038
	4.35	Turning radius	Wa	mm	3910
Performance data	5.1	Travel speed, laden/unladen		km/h	13/15
	5.2	Lifting speed, laden/unladen		m/s	0.27/0.32
	5.3	Lowering speed, laden/unladen		m/s	0.45/0.4
	5.5	Drawbar pull, laden/unladen		N	—
	5.6	Max. drawbar pull, laden/unladen		N	—
	5.8	Max. gradeability, laden/unladen		%	15/15
	5.10	Service brake			Hydraulic
	5.11	Parking brake			Mechanical
Electric-engine	6.1	Drive motor rating S2 60 min		kW	30
	6.2	Lift motor rating at S3 15%		kW	24X2
	6.4	Battery voltage/nominal capacity		V/Ah	80/820
	6.5	Battery weight		kg	—
	Addition data	8.1	Type of drive control		
10.5		Steering design			Hydraulic
10.7		Sound pressure level at the driver's ear		dB(A)	—

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



RATED CAPACITIES AND LOAD CENTERS GRAPH



Mast option:

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest
	No backrest		With backrest	mm		
2-Standard Mast	3000	2920	4310	—	210	210
	3300	3070	4610	—	210	210
	3500	3170	4810	—	210	210
	4000	3470	5360	—	210	210
	4500	3720	5860	—	210	210
	5000	3970	6360	—	210	210
	5500	4270	6910	—	210	210
3-Free Mast	4500	2900	5875	—	1580	1580
	4800	3000	6175	—	1680	1680
	5000	3065	6375	—	1745	1745
	6000	3455	7375	—	2135	2135

Option:

No.	Optional items	EFL1002
1.1	Fork dimension	○150*75*1520○150*75*2000●160*80*1520○160*80*1820○160*85*2000○160*85*2440
1.4	Fork carriage width	●2138mm○Yes and can be customized
1.5	Fork carriage height	●1045mm○Yes and can be customized
2.5	Front wheel material	●Pneumatic○solid○No-marking solid
2.6	Rear wheel material	●Pneumatic○solid○No-marking solid
2.7	Battery capacity	●80V820AH○80V1230AH
2.8	Charger	●80V200A○80V130A+80V130A○80V200A+80V200A
2.9	Battery indicator	●With time
2.10	Seat type	●Suspension
2.11	Attachments	●Fork positioner ○Side shift+fork positioner
2.13	Traction pin	●Yes
2.14	Electrostatic chain	●Yes
3.5	Front lamp	●LED
3.6	Rear lamp	●No○LED
3.7	Warning lamp	●Yes
3.8	Steering lamp	●Yes
3.9	Blue lamp	●No○2 front○1 rear○2 front+1 rear
3.10	Area warning lamp	●No○1 left, 1 right (Red)
3.11	Rearview mirror	● 2 rearview mirror
3.12	Hummer	●Yes
3.17	OPS system	●Yes
3.23	Telematics	●Yes
4.3	Cabin	●No○Basic half cabin○upgraded half cabin○Full cabin
4.9	Heater	●No○Yes and not customized

Note: ● standard ○ option — NA



ESL122

Electric Stacker 1.2T

- Strong chassis
- Rigid mast
- Easy operation
- Efficient hydraulic system

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FEATURES

Strong chassis

The side impact beam, plates, and boxes make the chassis stronger and can greatly reduce stress and deformation caused by heavy load.



Rigid mast

The rigidity of the mast is greatly improved by its beam structure to provide smooth lifting and stacking for daily operation.



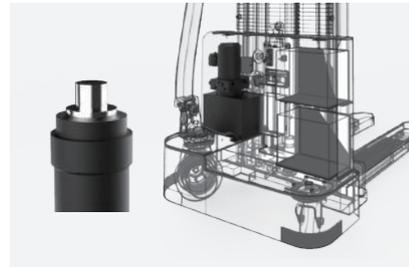
Easy operation

The extra-long and offset tiller with the crawl speed button provides ESL122 a better visibility and nimble maneuverability when operating in tight space.



Efficient hydraulic system

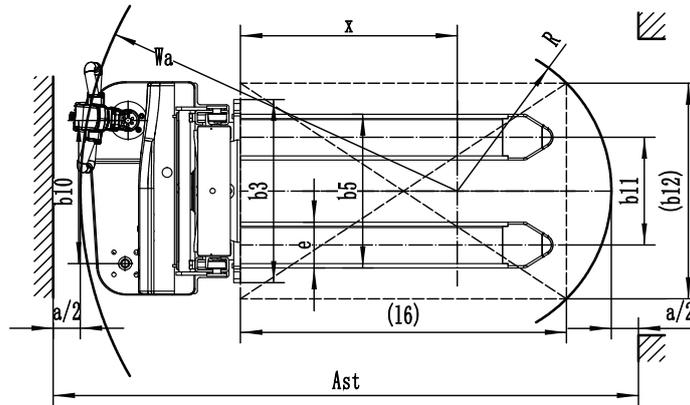
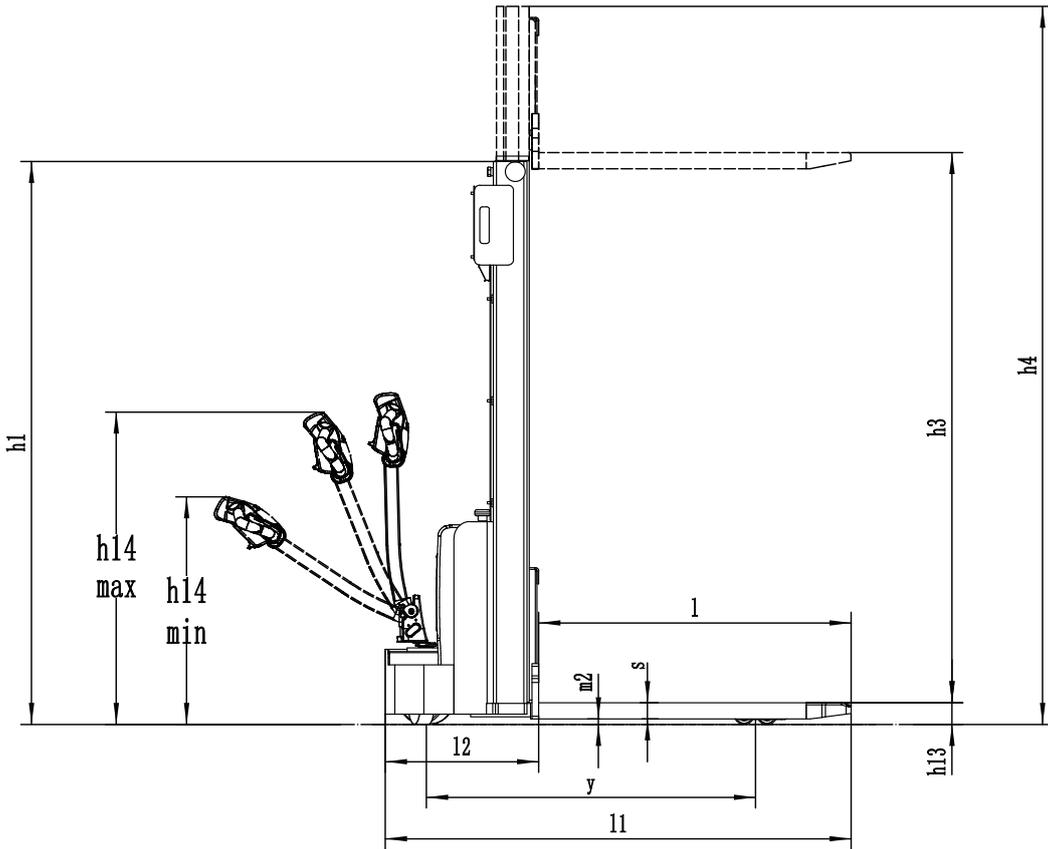
High quality hydraulic pump ensures very little noise, maximum efficiency, durability and shortens lifting time.



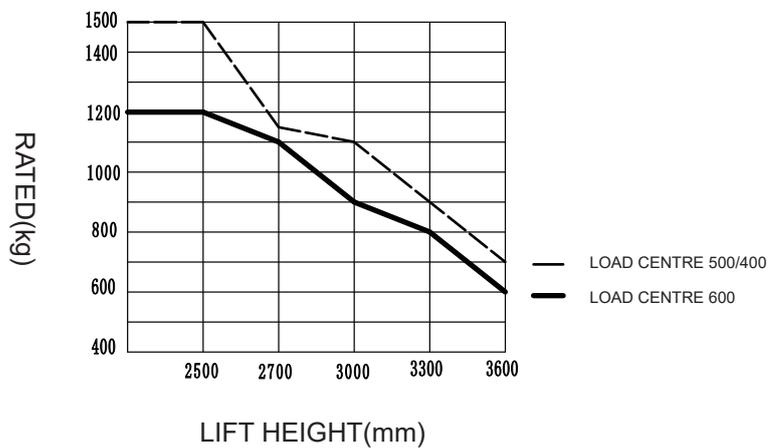
Electric Stacker 1.2T

ESL122

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			ESL122
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity	Q	kg	1200
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	798
	1.9	Wheelbase	y	mm	1212
	Service weight	2.1	Service weight		kg
2.2		Axle loading, laden front/rear		kg	650/1120
2.3		Axle loading, unladen front/rear		kg	430/140
Tyres/chassis	3.1	Tyre type			Polyurethane
	3.2.1	Tyre size, front		mm	Ø210×70
	3.3.1	Tyre size, rear		mm	Ø74×72
	3.4	Additional wheels (castor wheels)		mm	Ø130×55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x, 1/4
	3.6.1	Tread width, front	b10	mm	531
	3.7.1	Tread width, rear	b11	mm	405
Dimensions	4.0	Max. Lift Height	H	mm	—
	4.2	Retracted mast height	h1	mm	1856
	4.3	Free lift	h2	mm	—
	4.4	Lift height	h3	mm	2430
	4.5	Height, mast extended	h4	mm	3071
	4.6	Initial lift	h5	mm	—
	4.9	Height of tiller handle in drive position min./max.	h14	mm	760/1140
	4.10	Height of wheel arms	h8	mm	—
	4.15	Lowered height	h13	mm	85
	4.19	Overall length	l1	mm	1713
	4.20	Length to face of forks	l2	mm	563
	4.21	Overall width	b1/b2	mm	792
	4.22	Fork dimensions	s/e/l	mm	60/ 170/ 1150
	4.24	Fork carriage width	b3	mm	680
	4.25	Distance between fork-arms	b5	mm	570
	4.26	Distance between wheel arms/loading surfaces	b4	mm	—
	4.31	Ground clearance, laden, below mast	m1	mm	—
	4.32	Ground clearance, center of wheelbase	m2	mm	25
	Performance data	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm
4.34.2		Aisle width for pallets 800×1200 crossways	Ast	mm	2225
4.35		Turning radius	Wa	mm	1458
5.1		Travel speed, laden/unladen		km/ h	4.2/4.5
5.2		Lifting speed, laden/unladen		m/s	0.08/0.14
5.3		Lowering speed, laden/unladen		m/s	0.10/0.10
5.8		Max. gradeability, laden/unladen		%	3/10
Electric-engine	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	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24V/80Ah
	6.5	Battery weight		kg	27.5
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



RATDE CAPACITIES GRAPH



Mast Option:

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
2-Standard Mast	2516	1856	—	3071
	2716	1956	—	3271
	3016	2106	—	3571
	3316	2256	—	3871

Option:

No.	Optional items	ESL122
1.1	Fork length	●1150○1220
1.2	Fork width	●570○685
2.1	Load wheel type	●Double
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU
2.7	Battery capacity	●80Ah
2.8	Charger	●24V-30A inside
2.9	Battery indicator	●With time
3.3	Castor wheels	●Yes and not customized
3.16	Vertical handler working	●Yes and not customized

Note: ●Standard ○ Optional - Inconformity



F Series - F2

Electric Pallet Truck 1.5T

- A smart and sleek truck for retail usage
- Sleek truck frame and lithium technology
- Upgraded load capacity offering greater productivity
- New tiller head for ergonomics
- Unique Platform F design reducing costs throughout the distribution cycle

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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 on both appearance and lithium power supply. Its sleek truck frame is perfect for handling usage in supermarkets and malls. And the smart Li-ion battery makes F2 always available for retail usage due to opportunity charging and maintenance free.



■ 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 adopts a new tiller head for an user to operate the truck more easily using the palm of his hand, instead of controlling the knob with thumbs. The pinch force exerted on a control knob during operations can be minimized so that excessive physical stress and strain on the hands are reduced.



Why F Series ?

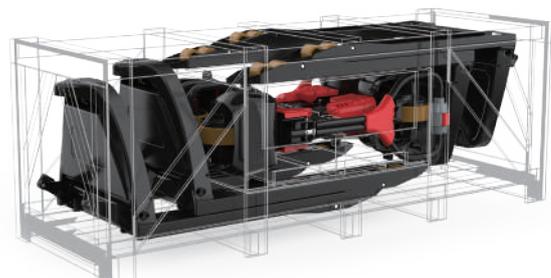
■ Platform-based design to maximize competitive advantage in the market

F series features the platform F, which simplifies the configuration of the truck and allows buyers to choose from 4 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. F2 accommodates **176** units in a 40' shipping container compared to 108 units of EPT12-EZ, that can reach as high as **30-40%** of ocean freight charges reduction.

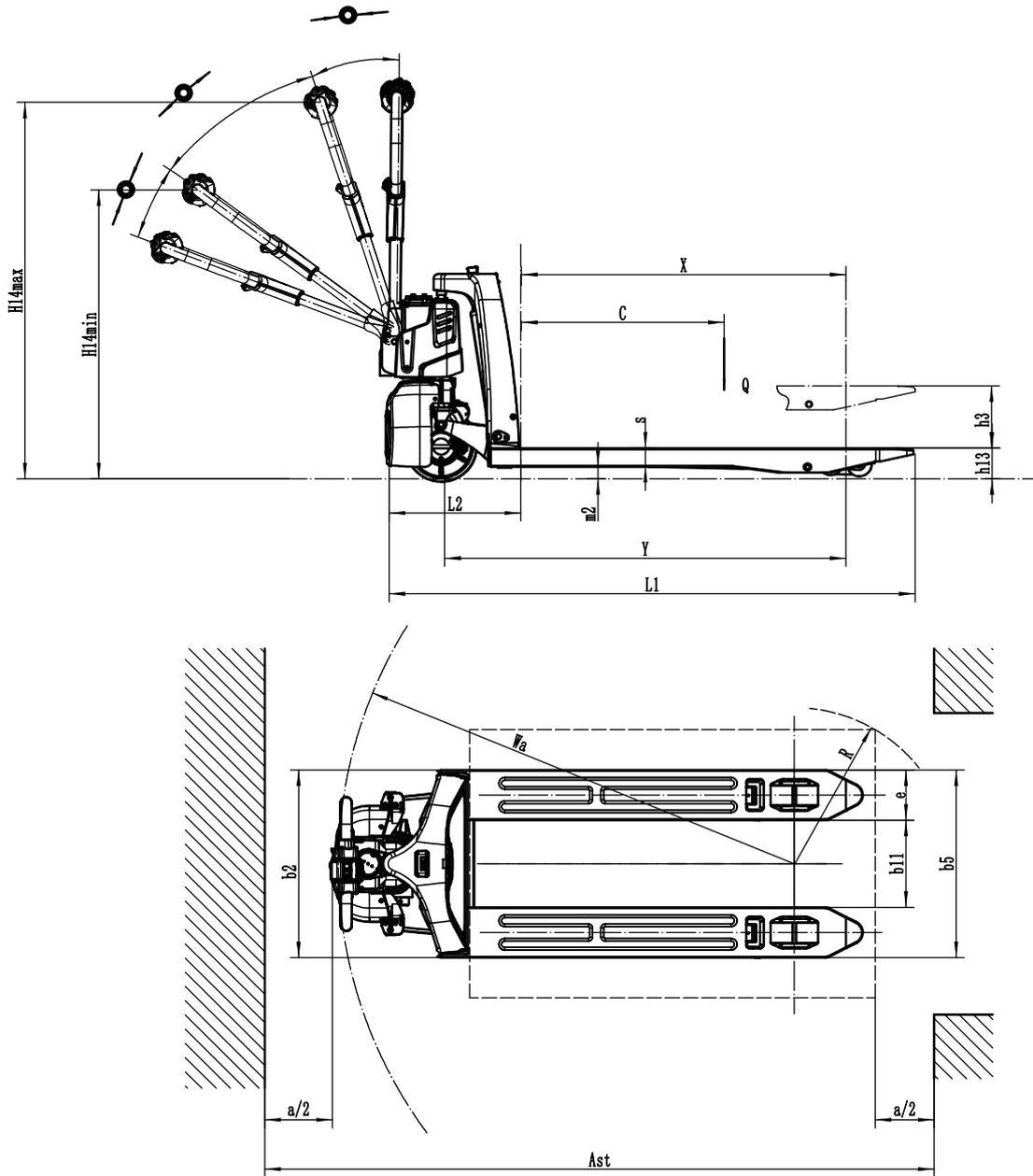


Electric Pallet Truck 1.5T

F2

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
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		
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



RPL201(H)/251/301

2000/2500/3000kg

Heavy-duty Pallet Truck



- Heavy duty truck with foldable platform and safety arms
- Powerful AC vertical traction motor
- Precise power steering with proportional effort
- Automatic speed reduction on turns
- High travelling speed and gradeability



Manufacturer			EP	EP	EP	EP
Model designation			RPL201	RPL201(H)	RPL251	RPL301
Drive			Electric	Electric	Electric	Electric
Load capacity	Q	kg	2000	2000	2500	3000
Load center distance	c	mm	600	600	600	600
Service weight		kg	670	670	802	802
Length to face of forks	l2	mm	804	804	824	824
Overall width		b1/b2	734	734	734	734
Fork dimensions	s/e/l	mm	55/170/1220	55/170/1220	55/190/1150	55/190/1150
Turning radius		Wa	1806	1806	1790	1790
Max. gradeability, laden/unladen		%	8/16	8/16	6/16	6/16
Travel speed, laden/unladen		km/ h	7.5/8	9/12	5.5/6	5.5/6
Battery voltage/nominal capacity		V/Ah	24/205	24/205	24/205	24/205

FEATURE

■ Lithium-ion technology

The RPL series is equipped with 24V/210Ah EP Li-ion battery that supports opportunity charging. Operators can charge the truck at preferable time during the day without disrupting working schedules.



■ Robust safety arms

The safety arms of the RPL series are produced from strengthened steel to ensure a long lifetime of the trucks structure.



■ More precise working mechanism

Using slider motion structure and one-time full-axis processing technology to ensure higher working accuracy.



■ Increase lifetime of movable parts

Adopting special pin material, heat treatment process and customized sleeve to make key movable parts more durable.



■ Strengthened loading wheel assembly

RPL251 and RPL301 come with strengthened frames and updated links of the loading wheels to improve wear resistance and meet heavy duty applications.



Electric Pallet Truck 2.0T

RPL201

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			RPL201(Li)	RPL201(Li)
	1.3	Drive			Electric	Electric
	1.4	Operator type			Standing	Standing
	1.5	Load capacity	Q	kg	2000	2000
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	980	1000
	1.9	Wheelbase	y	mm	1531	1551
	Service weight	2.1	Service weight		kg	670
2.2		Axle loading, laden front/rear		kg	1060 / 1610	1060 / 1610
2.3		Axle loading, unladen front/rear		kg	540 / 130	540 / 130
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ230x75	Φ230x75
	3.3.1	Tyre size, rear		mm	Φ85x70/Φ83x115	Φ85x70/Φ83x115
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+2/4/1x+2/2	1x+2/4/1x+2/2
	3.6.1	Tread width, front	b10	mm	510	510
	3.7.1	Tread width, rear	b11	mm	370 / 515	370 / 515
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1075 / 1288	1075 / 1288
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1954	2024
	4.20	Length to face of forks	l2	mm	804	804
	4.21	Overall width	b1/b2	mm	734	734
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	55 x 170 x 1220
	4.25	Distance between fork-arms	b5	mm	540 / 685	540 / 685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2606	2606
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2463	2463
4.35	Turning radius	Wa	mm	1806	1826	
Performance data	5.1	Travel speed, laden/unladen		km/ h	7.5 / 8	7.5 / 8
	5.2	Lifting speed, laden/unladen		m/s	0.050 / 0.054	0.050 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	8 / 16	8 / 16
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.6	1.6
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 205AH	24 / 205AH
	6.5	Battery weight		kg	62	62
	Addition data	8.1	Type of drive control			AC
10.5		Steering design			Electronic	Electronic
10.7		Sound pressure level at the driver's ear		dB(A)	74	74

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

Electric Pallet Truck 2.0T

RPL201

				EP	EP	
Distinguishing mark	1.1	Manufacturer		EP	EP	
	1.2	Model designation		RPL201(Lead-acid)	RPL201(Lead-acid)	
	1.3	Drive		Electric	Electric	
	1.4	Operator type		Standing	Standing	
	1.5	Load capacity	Q	kg	2000	2000
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	980	1000
	1.9	Wheelbase	y	mm	1531	1551
	Service weight	2.1	Service weight		kg	755
2.2		Axle loading, laden front/rear		kg	1090 / 1665	1090 / 1665
2.3		Axle loading, unladen front/rear		kg	600 / 155	600 / 155
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ230x75	Φ230x75
	3.3.1	Tyre size, rear		mm	Φ85x70/Φ83x115	Φ85x70/Φ83x115
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+2/4/1x+2/2	1x+2/4/1x+2/2
	3.6.1	Tread width, front	b10	mm	510	510
	3.7.1	Tread width, rear	b11	mm	370 / 515	370 / 515
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1075 / 1288	1075 / 1288
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1954	2024
	4.20	Length to face of forks	l2	mm	804	804
	4.21	Overall width	b1/b2	mm	734	734
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	55 x 170 x 1220
	4.25	Distance between fork-arms	b5	mm	540 / 685	540 / 685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2606	2606
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2463	2463
4.35	Turning radius	Wa	mm	1806	1826	
Performance data	5.1	Travel speed, laden/unladen		km/ h	7.5 / 8	7.5 / 8
	5.2	Lifting speed, laden/unladen		m/s	0.050 / 0.054	0.050 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	8 / 16	8 / 16
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.6	1.6
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 280AH	24 / 280AH
	6.5	Battery weight		kg	255	255
	Addition data	8.1	Type of drive control			AC
10.5		Steering design			Electronic	Electronic
10.7		Sound pressure level at the driver's ear		dB(A)	74	74

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

Electric Pallet Truck 2.0T

RPL201H

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			RPL201H(Li)	RPL201H(Li)
	1.3	Drive			Electric	Electric
	1.4	Operator type			Standing	Standing
	1.5	Load capacity	Q	kg	2000	2000
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	980	1000
	1.9	Wheelbase	y	mm	1531	1551
	Service weight	2.1	Service weight		kg	670
2.2		Axle loading, laden front/rear		kg	1060 / 1610	1060 / 1610
2.3		Axle loading, unladen front/rear		kg	540 / 130	540 / 130
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ230x75	Φ230x75
	3.3.1	Tyre size, rear		mm	Φ85x70/Φ83x115	Φ85x70/Φ83x115
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+2/4/1x+2/2	1x+2/4/1x+2/2
	3.6.1	Tread width, front	b10	mm	510	510
	3.7.1	Tread width, rear	b11	mm	370 / 515	370 / 515
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1075 / 1288	1075 / 1288
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1954	2024
	4.20	Length to face of forks	l2	mm	804	804
	4.21	Overall width	b1/b2	mm	734	734
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	55 x 170 x 1220
	4.25	Distance between fork-arms	b5	mm	540 / 685	540 / 685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2606	2606
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2463	2463
4.35	Turning radius	Wa	mm	1806	1826	
Performance data	5.1	Travel speed, laden/unladen		km/ h	9 / 12	9 / 12
	5.2	Lifting speed, laden/unladen		m/s	0.050 / 0.054	0.050 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	8 / 16	8 / 16
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	2.5	2.5
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 205AH	24 / 205AH
	6.5	Battery weight		kg	62	62
Addition data	8.1	Type of drive control			AC	AC
	10.5	Steering design			Electronic	Electronic
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74

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

Electric Pallet Truck 2.0T

RPL201H

	No.	Parameter	Unit	RPL201H(Lead-acid)		
				EP	EP	
Distinguishing mark	1.1	Manufacturer		EP	EP	
	1.2	Model designation		RPL201H(Lead-acid)	RPL201H(Lead-acid)	
	1.3	Drive		Electric	Electric	
	1.4	Operator type		Standing	Standing	
	1.5	Load capacity	Q	kg	2000	2000
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	980	1000
	1.9	Wheelbase	y	mm	1531	1551
	Service weight	2.1	Service weight		kg	755
2.2		Axle loading, laden front/rear		kg	1090 / 1665	1090 / 1665
2.3		Axle loading, unladen front/rear		kg	600 / 155	600 / 155
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ230x75	Φ230x75
	3.3.1	Tyre size, rear		mm	Φ85x70/Φ83x115	Φ85x70/Φ83x115
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+2/4/1x+2/2	1x+2/4/1x+2/2
	3.6.1	Tread width, front	b10	mm	510	510
	3.7.1	Tread width, rear	b11	mm	370 / 515	370 / 515
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1075 / 1288	1075 / 1288
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1954	2024
	4.20	Length to face of forks	l2	mm	804	804
	4.21	Overall width	b1/b2	mm	734	734
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	55 x 170 x 1220
	4.25	Distance between fork-arms	b5	mm	540 / 685	540 / 685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2606	2606
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2463	2463
	4.35	Turning radius	Wa	mm	1806	1826
Performance data	5.1	Travel speed, laden/unladen		km/ h	9 / 12	9 / 12
	5.2	Lifting speed, laden/unladen		m/s	0.050 / 0.054	0.050 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	8 / 16	8 / 16
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	2.5	2.5
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 280AH	24 / 280AH
	6.5	Battery weight		kg	255	255
	Addition data	8.1	Type of drive control			AC
10.5		Steering design			Electronic	Electronic
10.7		Sound pressure level at the driver's ear		dB(A)	74	74

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

Electric Pallet Truck 2.5T

RPL251

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			RPL251(Li)	RPL251(Lead-acid)
	1.3	Drive			Electric	Electric
	1.4	Operator type			Standing	Standing
	1.5	Load capacity	Q	kg	2500	2500
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	916	916
	1.9	Wheelbase	y	mm	1531	1531
	Service weight	2.1	Service weight		kg	802
2.2		Axle loading, laden front/rear		kg	1120 / 1670	1120 / 1670
2.3		Axle loading, unladen front/rear		kg	650 / 140	650 / 140
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ85x70 / Φ83x115	Φ85x70 / Φ83x115
	3.3.1	Tyre size, rear		mm	Φ230x75	Φ230x75
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1 x +2/4 / 1 x + 2/2	1 x +2/4 / 1 x + 2/2
	3.6.1	Tread width, front	b10	mm	510	510
	3.7.1	Tread width, rear	b11	mm	370 / 495	370 / 495
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1075 / 1288	1075 / 1288
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1954	1954
	4.20	Length to face of forks	l2	mm	824	824
	4.21	Overall width	b1/b2	mm	734	734
	4.22	Fork dimensions	s/e/l	mm	55 x 190 x 1150	55 x 190 x 1150
	4.25	Distance between fork-arms	b5	mm	560 / 685	560 / 685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2590	2590
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2447	2447
4.35	Turning radius	Wa	mm	1790	1790	
Performance data	5.1	Travel speed, laden/unladen		km/ h	5.5 / 6	5.5 / 6
	5.2	Lifting speed, laden/unladen		m/s	0.050 / 0.054	0.050 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	6 / 16	6 / 16
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	2.5	2.5
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 205	24 / 280
	6.5	Battery weight		kg	62	255
	Addition data	8.1	Type of drive control			AC
10.5		Steering design			Electronic	Electronic
10.7		Sound pressure level at the driver's ear		dB(A)	74	74

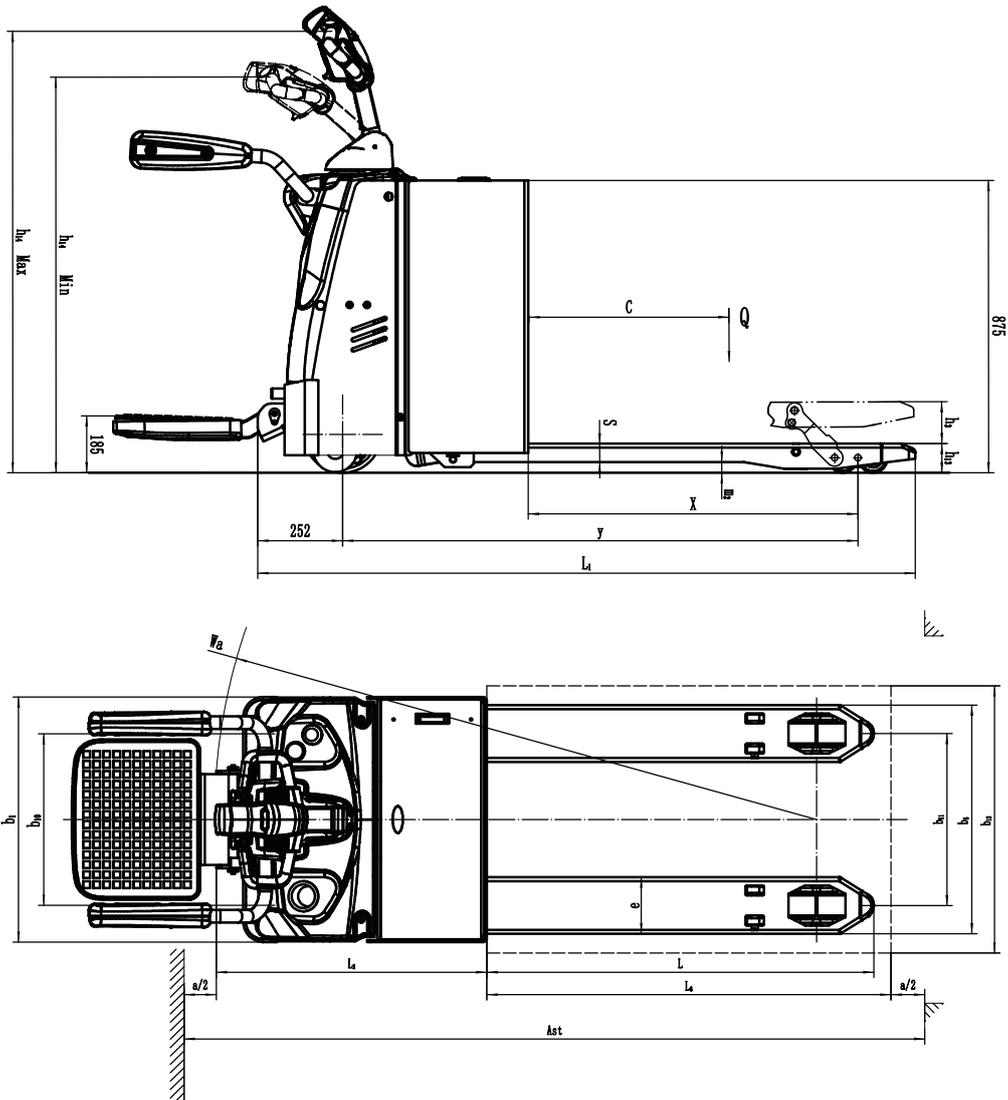
If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

Electric Pallet Truck 3.0T

RPL301

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			RPL301(Li)	RPL301(Lead-acid)
	1.3	Drive			Electric	Electric
	1.4	Operator type			Standing	Standing
	1.5	Load capacity	Q	kg	3000	3000
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	916	916
	1.9	Wheelbase	y	mm	1531	1531
	Service weight	2.1	Service weight		kg	802
2.2		Axle loading, laden front/rear		kg	1370 / 2420	1370 / 2420
2.3		Axle loading, unladen front/rear		kg	650 / 140	650 / 140
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ85x70 / Φ83x115	Φ85x70 / Φ83x115
	3.3.1	Tyre size, rear		mm	Φ230x75	Φ230x75
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1 x +2/4 / 1 x + 2/2	1 x +2/4 / 1 x + 2/2
	3.6.1	Tread width, front	b10	mm	510	510
	3.7.1	Tread width, rear	b11	mm	370 / 495	370 / 495
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1075 / 1288	1075 / 1288
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1954	1954
	4.20	Length to face of forks	l2	mm	824	824
	4.21	Overall width	b1/b2	mm	734	734
	4.22	Fork dimensions	s/e/l	mm	55 x 190 x 1150	55 x 190 x 1150
	4.25	Distance between fork-arms	b5	mm	560 / 685	560 / 685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2590	2590
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2447	2447
4.35	Turning radius	Wa	mm	1790	1790	
Performance data	5.1	Travel speed, laden/unladen		km/ h	5.5 / 6	5.5 / 6
	5.2	Lifting speed, laden/unladen		m/s	0.050 / 0.054	0.050 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	6 / 16	6 / 16
5.10	Service brake			Electromagnetic	Electromagnetic	
Electric-engine	6.1	Drive motor rating S2 60 min		kW	2.5	2.5
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 205	24 /280
	6.5	Battery weight		kg	62	255
Addition data	8.1	Type of drive control			AC	AC
	10.5	Steering design			Electronic	Electronic
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74

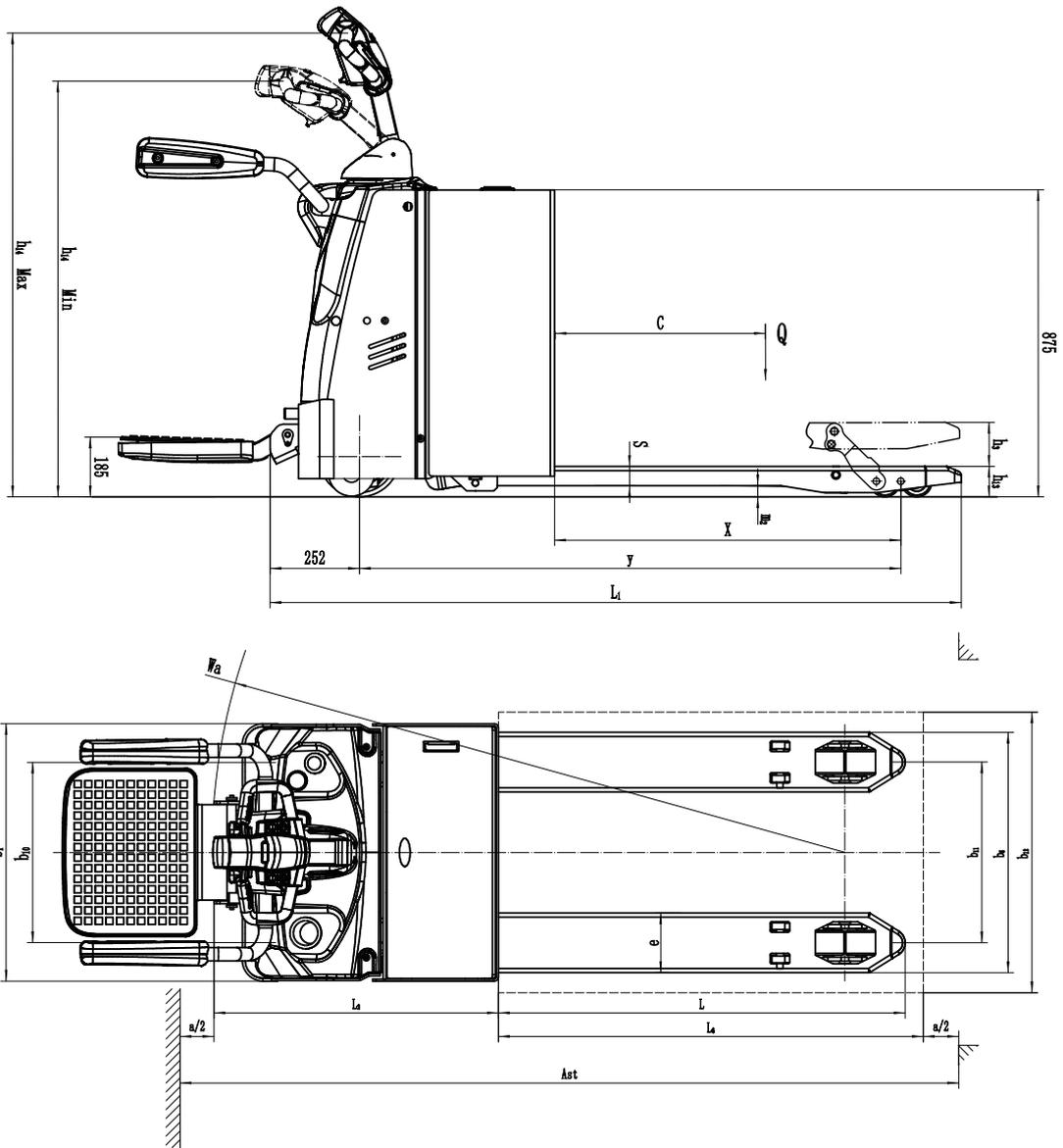
If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Option

No.	Optional items	RPL201/RPL201H
1.1	Fork length	●1150/1220○850/1000/1300/1450/1600/1800 /2000/2200/2400
1.2	Fork width	●540/685○600/725/790/840/940/1000 /1050/1100/1200
1.3	Fork lowered height	●85
1.4	Fork carriage width	●740
1.5	Fork carriage height	○1220mm (48in) ○1520mm (60in)
2.1	Load wheel type	●Double○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU○Trace PU○Rubber
2.7	Battery capacity	●205Ah●210Ah (Lead Acid battery) ○280Ah/345Ah (Lead Acid battery)
2.8	Charger	●24V-100A External ●24V-30A External (Lead Acid battery) ○24V-50A External (Lead Acid battery)
2.9	Battery indicator	●Yueli Hourmeter (With time) ●Yaneng Hourmeter (With time) (Lead Acid battery)
3.3	Castor wheels	●Yes and not customized
3.4	Water auto-filling system	○Yes and not customized
4.1	Battery side pull function	○Yes and not customized
4.2	Cold storage	○Yes and not customized
4.4	Weighting system with fork	○Yes and not customized

Note: ●Standard ○ Optional - Inconformity



Option

No.	Optional items	RPL215/RPL301
1.1	Fork length	●1150/1220○850/1000/1300/1450/1600/1800 /2000/2200/2400
1.2	Fork width	●560/685○830/880/980/1040/1090/1140/1240
1.3	Fork lowered height	●85
1.4	Fork carriage width	750
1.5	Fork carriage height	○1220mm (48in) ○1520mm (60in)
2.1	Load wheel type	●Double○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU○Trace PU○Rubber
2.7	Battery capacity	●205Ah (Li-Ion truck) ●280Ah (lead-acid truck) ○210Ah/345Ah (lead-acid truck)
2.8	Charger	●24V-100Aexternal charger (205Ah) ●24V-30Aexternal charger (210/280Ah) ○24V-50Aexternal charger (345Ah)
2.9	Battery indicator	●With time
3.3	Castor wheels	●Castor wheels
3.4	Water auto-filling system	○Water auto-filling system
4.1	Battery side pull function	○Battery side pull function (only for lead-acid truck)

Note: ●Standard ○Optional - Inconformity

Load Capability Chart

Fork length (mm)	Load capacity (kg)		
	RPL201/RPL201H	RPL251	RPL301
850	2000KG	2500KG	3000KG
1000			
1150			
1220			
1300			
1450	1800KG	2700KG	
1600			
1800			
2000	1600KG	2500KG	
2200			
2400			

Application scenario

