



ES06-CA ES10-CSE

Electric Stacker 0.6/1.0t

- Compact design with small turning radius requirements;
- Flexible for various non-standard pallet.

FEATURE

Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector electric wires and cables, greatly reducing electric parts failure rate.
- High strength chassis enhances the reliability and durability of the truck.
- Heavy duty load wheel ensures stability.
- Compact design with small turning radius requirements.



This fork is optional



Safety

- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of control.
- Multiple lifting limit protection ensures safety.
- Automatic switch to lower speed when the fork reaches its setting height.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.

Operation

- With the new design of ergonomical tiller head, all buttons can be reached conveniently & comfortably.
- Compact chassis design increases visibility.
- Adjustable forks, suitable for complicated pallets or cargos.
- Side-open battery design for easy battery replacement and various applications.

Maintenance

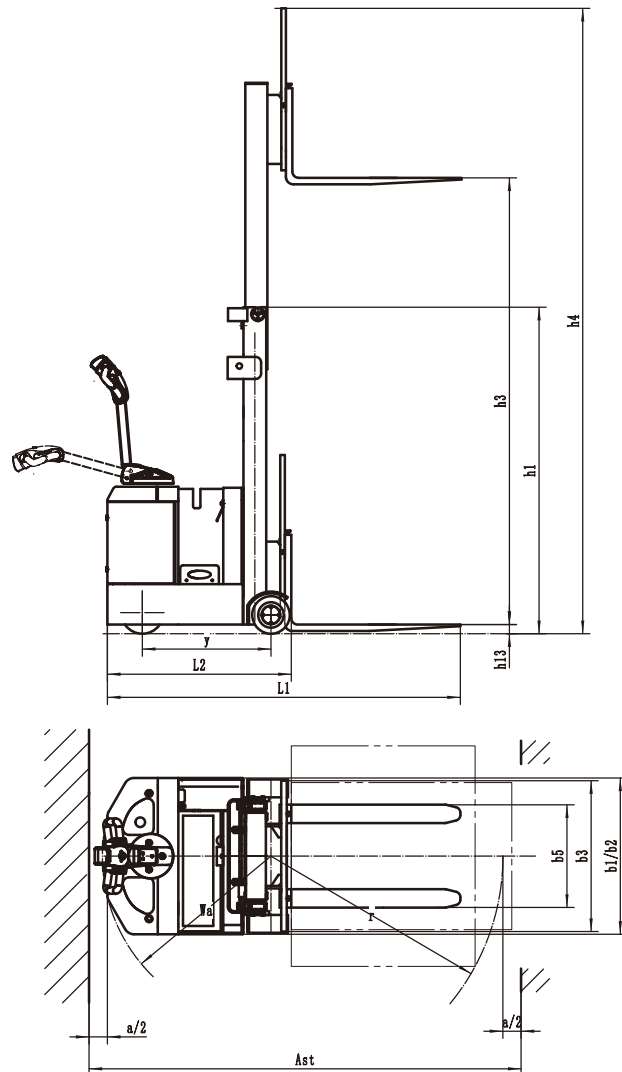
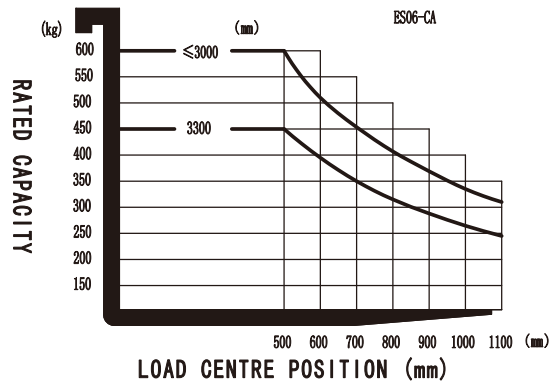
- AC traction motor, maintenance free.
- Hour meter and battery indicator will remind the operator to recharge the battery.
- Easily remove the back cover by only loosening four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Mast and chassis are assembled together, easy for maintenance.
- Low voltage cut off setting protects batteries.

Electric Stacker 0.6t ES06-CA

Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		ES06-CA
1.3	Drive unit		Electrical
1.4	Operator type		pedestrian
1.5	rated capacity	Q	kg 600
1.6	Load center distance	c	mm 500
1.8	Load distance, centre of drive axle to fork	x	mm 109
1.9	Wheelbase	y	mm 700
Weight			
2.1	Service weight (include battery)		kg 1300
2.2	Axle loading, laden driving side/loading side		kg 300/1900
2.3	Axle loading, unladen driving side/loading side		kg 860/440
Types, Chassis			
3.1	Tyre type Driving wheels/Loading wheels		PU/PU
3.2	Tyre size, driving wheels (diameter×width)	mm	Φ230×75
3.3	Tyre size, loading wheels (diameter×width)	mm	Φ204×76
3.4	Tyre size, caster wheels (diameter×width)	mm	/
3.5	Wheels, number driving, caster/loading (x=drive wheels)	mm	1x, 0/2
3.6	Track width, front, driving side	b ₁₀	mm 722
3.7	Track width, rear, loading side	b ₁₁	mm /
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/β	° /
4.2	Height, mast lowered	h ₁	mm 2035
4.3	Free lift	h ₂	mm /
4.4	Lift height	h ₃	mm 2920
4.5	Height, mast extended	h ₄	mm 3896
4.9	Height drawbar in driving position min./max.	h ₁₄	mm 990/1500
4.10	Height of wheel arms	h ₈	mm 230
4.15	Lowered height	h ₁₃	mm 50
4.19	Overall length	l ₁	mm 1920
4.20	Length to face of forks	l ₂	mm 1000
4.21	Overall width	b ₁ / b ₂	mm 850/798
4.22	Fork dimensions	s / e / l	mm 35/100/920
4.24	Fork carriage width	b ₃	mm 820
4.25	Distance between fork-arms	b ₅	mm 200-560
4.31	Ground clearance, laden, below mast	m ₁	mm 50
4.32	Ground clearance, center of wheelbase	m ₂	mm 50
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 2380
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 2490
4.35	Turning radius	Wa	mm 1060
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	4.5
5.2	Lifting speed, laden/ unladen	m/ s	0.12/0.22
5.3	Lowering speed, laden/ unladen	m/ s	0.12/0.11
5.8	Max. gradeability, laden/unladen	%	5.0/8.0
5.10	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	1.5
6.2	Lift motor rating at S3 15%	kW	2.2
6.3	The maximum allowed size battery	mm	660/230/open
6.4	Battery voltage/nominal capacity K5	V/ Ah	24/165
6.5	Battery weight	kg	160
Addition data			
8.1	Type of drive unit		AC
10.5	Steering type		Mechanical
10.7	Sound pressure level at the driver's ear		74

1.The parameters in the table are of the standard model. For more information please contact us.
2.The parameters are subject to change without notice.

RATED CAPACITIES GRAPH



Mast Option

ES06-CA	Lowered mast height h1 (mm)	1785	1885	2035	2185
	Lift h3+h13 (mm)	2470	2670	2970	3270
	Free lift h2 (mm)	/	/	/	/
	Extended mast height h4 (mm)	3396	3596	3896	4196

Option

Options	ES06-CA
Fork length	○ 0~1200mm
Mast screen	○
High capacity battery	○ 210Ah,280Ah
Cold storage	○
Battery indicator without hour meter	○
Lifting limit	○
Vertical handler working	○
Auto-filling water system	○

○ Options

FEATURE



Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.
- CJ shape mast channel improves the strength of the whole truck.
- Applied with electric valve on& better heat releasing systems support long time operation.



Safety

- Safe hydraulic system design prevents mast from falling down abruptly when hydraulic pipeline cuts off.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of control.
- Multiple lifting limit protection ensures safety.
- Automatic switch to lower speed when the fork reaches its setting height.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.
- Electric valve will be locked up when power is cut off.
- Dual monitoring power steering.

Operation

- With the new design of ergonomical tiller head, all buttons can be reached conveniently & comfortably.
- Foldable platform reduces vibration which makes operator feel more comfortable.
- Compact design, flexible and operational.
- When platform is folded, truck can work at low speed in smaller space.
- Side-open battery design for easy battery replacement and various applications.
- Electric proportional valve equipped as standard feature.
- Electric power steering, smooth & comfortable (EPS).

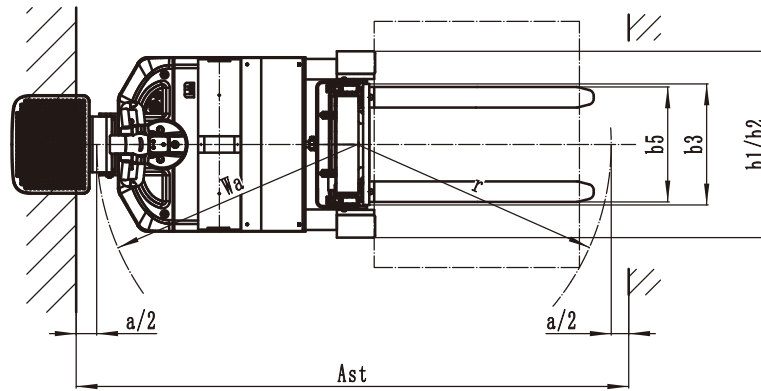
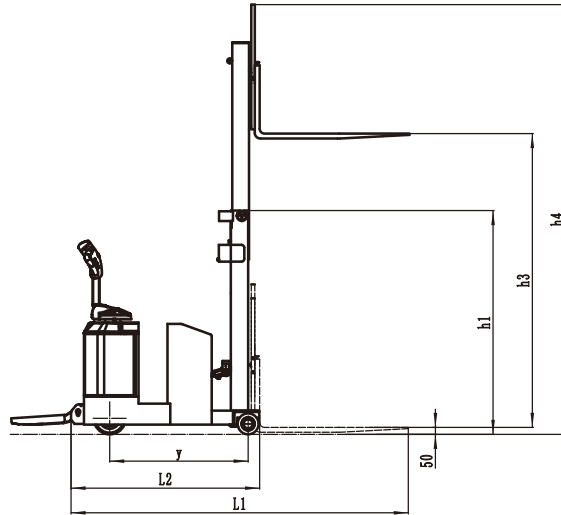
Maintenance

- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only losing two bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Low voltage cut off setting protects batteries.

Electric Stacker1.0t ES10-CSE

distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			ES10-CSE
1.3	Drive unit			Electric
1.4	Operator type			Standing
1.5	rated capacity	Q	kg	1000
1.6	Load center distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	109
1.9	Wheelbase	y	mm	1000
Weight				
2.1	Service weight (include battery)		kg	1500
2.2	Axle loading, laden driving side/loading side		kg	375/2125
2.3	Axle loading, unladen driving side/loading side		kg	940/560
Types,Chassis				
3.1	Tyre type Driving w heels/Loading w heels			PU/PU
3.2	Tyre size, driving w heels (diameter×width)		mm	Φ230×75
3.3	Tyre size, loading w heels (diameter×width)		mm	Φ204×76
3.4	Tyre size, caster w heels (diameter×width)		mm	/
3.5	Wheels, number driving, caster/loading (x=drive w heels)		mm	1x, 0/2
3.6	Track width, front,driving side	b ₁₀	mm	787
3.7	Track width,rear,loading side	b ₁₁	mm	/
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/β	°	1.5/6
4.2	Height, mast lowered	h ₁	mm	2035
4.3	Free lift	h ₂	mm	/
4.4	Lift height	h ₃	mm	2920
4.5	Height, mast extended	h ₄	mm	3896
4.9	Height draw bar in driving position min./max.	h ₁₄	mm	1013/1402
4.10	Height of wheel arms	h ₈	mm	230
4.15	Lowered height	h ₁₃	mm	50
4.19	Overall length	l ₁	mm	2485
4.20	Length to face of forks	l ₂	mm	1415
4.21	Overall width	b ₁ / b ₂	mm	850/862
4.22	Fork dimensions	s/ e/ l	mm	35/100/1070
4.24	Fork carriage width	b ₃	mm	820
4.25	Distance between fork-arms	b ₅	mm	200-560
4.31	Ground clearance, laden, below mast	m ₁	mm	50
4.32	Ground clearance, center of wheelbase	m ₂	mm	70
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2830
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2945
4.35	Turning radius	Wa	mm	1310
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	5.5/6.0
5.2	Lifting speed, laden/ unladen		m/ s	0.127/0.23
5.3	Lowering speed, laden/ unladen		m/ s	0.26/0.2
5.8	Max. gradeability, laden/unladen		%	5.0/8.0
5.10	Service brake type			Electromagnetic
Electric engine				
6.1	Drive motor rating S2 60 min		kW	1.5
6.2	Lift motor rating at S3 15%		kW	2.2
6.3	The maximum allowed size battery		mm	810/210/open
6.4	Battery voltage/nominal capacity K5		V/ Ah	24/210
6.5	Battery weight		kg	190
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Electronic
10.7	Sound pressure level at the driver's ear		dB (A)	74

- 1.The parameters in the table are of the standard model. For more information, please contact us.
- 2.The parameters are subject to change without notice.



Mast Option

mast types	Lift h_3+h_{13} (mm)	Lowered mast height h_1 (mm)	Free lift h_2 (mm)	Extended mast height h_4 (mm)
Duplex ZT	2470	1785	/	3396
	2670	1885	/	3596
	2970	2035	/	3896
	3270	2185	/	4196