



**EP**  
*Let's grow together*

# ES06-CA

## Electric Stacker 0.6t

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



**ALEXANDROS SPATHARAS COMPANY**  
**CRANES - MACHINERY - SPARE PARTS**  
41, Iasonidou Str.  
GR-56334 Thessaloniki, GREECE  
N. Kordelio - Eleftheria  
Tel: +30 2310 709155  
Fax: +30 2310 709989  
[www.spatharas.eu](http://www.spatharas.eu)

## 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

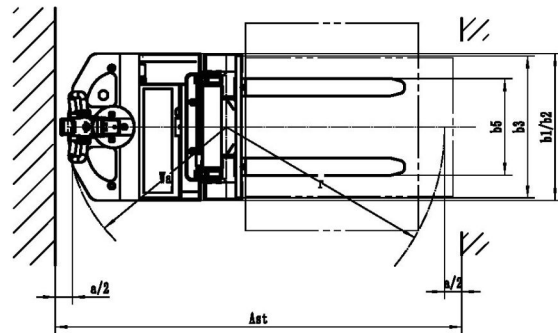
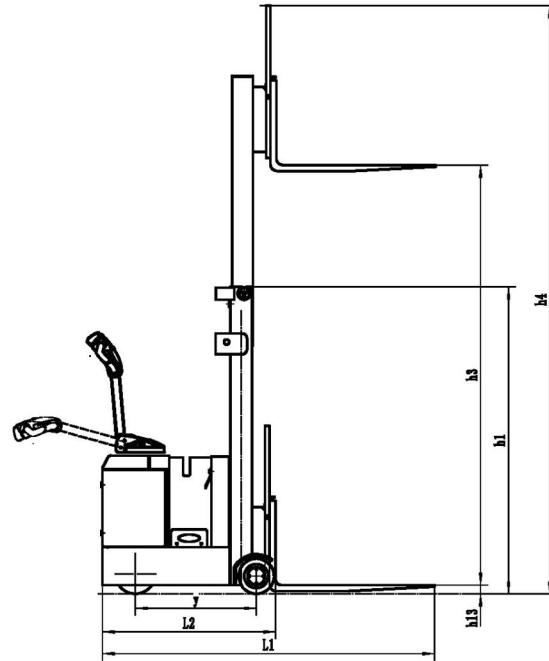
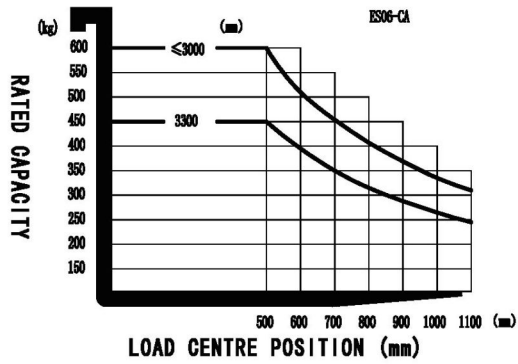
- AC traction motor, maintenance free.
- Hour meter and battery indicator will remind the operator to recharge the battery.
- Easily remove the back cover by only loosening four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service 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 <sub>10</sub>	mm
			722
3.7	Track width, rear, loading side	b <sub>11</sub>	mm
			/
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/β	°
			/
4.2	Height, mast lowered	h <sub>1</sub>	mm
			2035
4.3	Free lift	h <sub>2</sub>	mm
			/
4.4	Lift height	h <sub>3</sub>	mm
			2920
4.5	Height, mast extended	h <sub>4</sub>	mm
			3896
4.9	Height drawbar in driving position min./max.	h <sub>14</sub>	mm
			990/1500
4.10	Height of wheel arms	h <sub>8</sub>	mm
			230
4.15	Lowered height	h <sub>13</sub>	mm
			50
4.19	Overall length	l <sub>1</sub>	mm
			1920
4.20	Length to face of forks	l <sub>2</sub>	mm
			1000
4.21	Overall width	b <sub>1</sub> / b <sub>2</sub>	mm
			850/798
4.22	Fork dimensions	s / e / l	mm
			35/100/920
4.24	Fork carriage width	b <sub>3</sub>	mm
			820
4.25	Distance between fork-arms	b <sub>5</sub>	mm
			200-560
4.31	Ground clearance, laden, below mast	m <sub>1</sub>	mm
			50
4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	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
			920
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		dB
			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	o 0-1200mm
Mast screen	o
High capacity battery	o 210Ah,280Ah
Cold storage	o
Battery indicator without hour meter	o
Lifting limit	o
Vertical handler working	o
Auto-filling water system	o

o Options