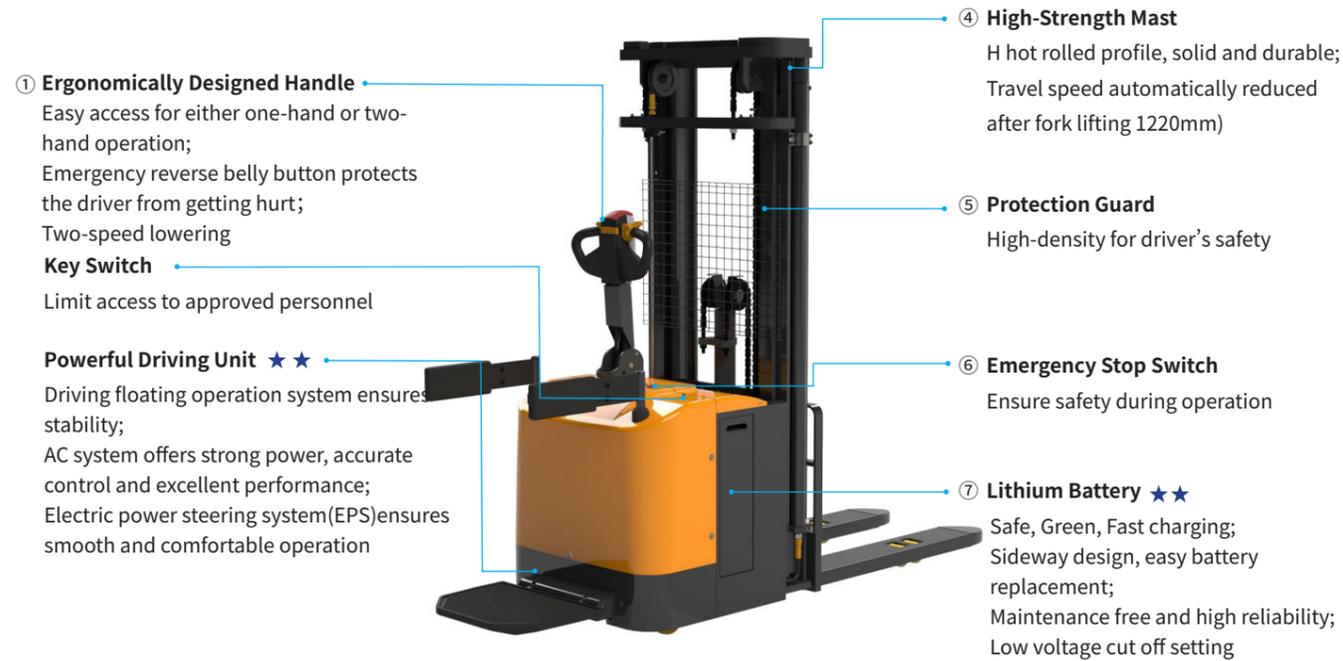




## ES16 Fork-Over Type Electric Pallet Stacker

Ideal choice for heavy duty work condition and continuous working requirement.



### Main Advantages

#### ★★ High Capacity Lithium Battery

- LFP Battery, Safe and Efficient;
- Over 2000 cycles of charging/discharging;
- Maintenance Free;
- High Reliability;
- 24V150Ah high capacity;
- Sideway design, easy changing



#### ★★ Sideway Design Battery

- Battery packs can be easily removed;
- Easy access for battery inspection, repair and replacement



#### ★★ Electric Power Steering (EPS)

- Easy to turn the steering wheel at a slow speed, making maneuvering simpler
- More precise in performance, practical and reliable



#### Options for ES16-S

- Foldable platform;
- Durable protection arm;
- Various mast configurations(3m,3.3m,4.5m, etc.)

## Specifications

### Li-ion Battery powered pallet stacker ES16 (parameter and performance)

Characteristics			
1.1	Manufacturer		Microlift
1.2	Model		ES16
1.3	Drive Type		Electric
1.4	Operate Type		pedestrian/standing(option)
1.5	Load Capacity	Q	1600kg (3520lbs)
1.6	Load Center	C	500mm (20")
1.9	Wheelbase	Y	1361mm (53.6")
Weight			
2.1	Service Weight (Incl. Battery)	Q	1040/1070/1295kg (2288/2354/2849lbs)
Wheels			
3.1	Tyre Type		PU
3.2	Tyre Size, Drive Wheels		230mm x 70mm (9"x 2.75")
3.3	Tyre Size, Load Wheels		80mm x 60mm (3.15" x 2.36")
3.4	Tyre Size, Balance Wheels		114mm x 55mm (4.5" x 2.2")
3.5	Wheels, Numbers (x= drive wheel)		1x+2/4
Dimensions, Chassis			
4.2	Height, Mast lowered	h1	1980/2135/2065mm(78"/84"/81.3")
4.3	Free Lift	h2	*/*/1000mm (**/39.3")
4.4	Lift Height	h3	3000/3300/4500mm (118.1"/130"/177")
4.5	Height, Mast Extended	h4	3648/3950/5147mm (143"/155.5"/202.6")
4.9	Height of tiller arm, Min/Max	h14	573mm-1263mm (22.5"-49.7")
4.15	Fork Height, Lowered	h13	90mm (3.5")
4.19	Overall Length	l1/l2	2102mm /2518mm (with platform) 82.6"/99.1" (with platform)
4.21	Overall Width	b1	827mm (32.6")
4.22	Fork Dimension	l/e/s	1150x180x56mm (45.3" x 7" x 2.2")
4.25	Outside Fork Width	b5	540mm/680mm (21.2" / 27")
4.32	Ground Clearance	m2	35mm (1.38")
4.33	AST, 1000X1200 pallet crossways	ast1	2201/2635mm
4.34	AST, 800X1200 pallet crossways	ast2	2237/2657mm
4.35	Outer Turning Radius	wa	1629mm/2036mm (with platform) 64.1" /80.2" (with platform)
Performance			
5.1	Travel Speed, Laden/Unladen		5/5.5 km/h (3.1/3.4mhp)
5.2	Lifting Speed, Laden/Unladen		0.13/0.23m/s (25.6/45.3 ft/min)
5.3	Lowering Speed, Laden/Unladen		0.20/0.16 m/s (39.4/31.5 ft/min)
5.8	Max Gradeability, Laden/Unladen	%	8.0/16.0
Drive			
6.1	Drive Motor	kw	1.5 AC
6.2	Lifting Motor	kw	3.0 DC
6.4	Battery Voltage/Capacity	V/Ah	24/150 Li-Ion
Others			
7.1	Controller Manufacturer		PG
7.2	Service Brake		Regenerating
7.3	Parking Brake		Electromagnetic

Remarks: Zhejiang Microlift Electric Technology Co., Ltd reserves the right to make any changes without notice concerning specifications detailed in this brochure.

