



ES15M

Fork-Over Type Electric Pallet Stacker

Ideal for moving and lifting pallets in manufacturing floors, distribution centers and big stores.

① **Multi-Functional Handle** ★★
Easy-to-operate;
Turtle speed mode for slow and controlled maneuvering;
Upright Walking for VNA application

② **Built-in Charger**
Convenient and easy charging at any standard socket;
Efficient charging, no need to look for charger

③ **Key Switch**
Limit access to approved personnel

④ **Efficient Driving Unit**
0.75kw driving motor with high quality controller

⑤ **High-Strength Mast**
Hot rolled profile, Solid and durable ;
Safety Speed Switch when lifting to the proper height

⑥ **Protection Guard**
High-density for driver's safety

⑦ **Emergency Stop Switch**
Ensure safety during operation

⑧ **Lithium Battery** ★★
Safe, Fast charging, Green;
Maintenance free and Reliability

Main Advantages

★★ **Multi-Functional Handle**

Emergency Reverse Button

Forward/Reverse Butterfly Switch

Horn

Battery Level Indicator

Turtle Speed

Upright Walking

Error Flashing LED

Rubber Grip Handle

★ **Optional I-Touch System** (refer to T20i)

★★ **Lithium Battery**

● LFP Battery, Safe and Efficient;

● Fast Charge (option);

● Over 2000 Cycles of Charging/Discharging;

● Maintenance Free;

● High Reliability

● Bigger capacity battery available

Specifications

Li-ion Battery powered pallet stacker ES15M (parameter and performance)

Characteristics			
1.1	Manufacturer		Microlift
1.2	Model		ES15M
1.3	Drive Type		Electric
1.4	Operate Type		Pedestrian
1.5	Load Capacity	Q	1500kg (3300lbs)
1.6	Load Center	C	500mm (20")
1.9	Wheelbase	Y	1208mm (47.6")
Weight			
2.1	Service Weight (Incl. Battery)		500/550/580kg (1100/1210/1275lbs)
Wheels, Chassis			
3.1	Tyre Type		PU
3.2	Tyre Size, Drive Wheels	mm	Φ210x70mm(8.27"x2.75")
3.3	Tyre Size, Load Wheels	mm	Φ80x 60mm (3.15"x 2.36")
3.4	Tyre Size, Balance Wheels	mm	Φ130x 55mm (5.1"x 2.2")
3.5	Wheels, Numbers (x = drive wheel)		1x +1/4
Dimensions			
4.2	Height, Mast lowered	h1	1785/2035/2185mm(70.3"/80.1"/86")
4.3	Free Lift	h2	/
4.4	Lift Height	h3	2500/3000/3300mm(98.4"/118"/130")
4.5	Height, Mast Extended	h4	3005/3505/3805mm(118.3"/138"/150")
4.9	Height of tiller arm, Min/Max	h14	910/1230mm (35.8"/48.4")
4.15	Fork Height, Lowered	h13	85mm (3.35")
4.19	Overall Length	l1	1716mm (67.6")
4.21	Overall Width	b1	800mm (31.5")
4.22	Fork Dimension	l/e/s	1150x 160x 53mm (45.3"x 6.3"x 2")
4.25	Outside Fork Width	b5	560mm (22")
4.32	Ground Clearance	m2	30mm (1.2")
4.33	AST, 1000X1200 pallet crossways	ast1	1950mm (76.8")
4.34	AST, 800X1200 pallet crossways	ast2	1900mm (74.8")
4.35	Outer Turning Radius	wa	1405mm (54.3")
Performance			
5.1	Travel Speed, Laden/Unladen		4.5/5km/h (2.5/2.8mhp)
5.2	Lifting Speed, Laden/Unladen		0.10/0.20m/s (19.7/39.4ft/min)
5.3	Lowering Speed, Laden/Unladen		0.12/0.10m/s (23.6/19.7ft/min)
5.8	Max Gradeability, Laden/Unladen	%	5.0/8.0
Drive			
6.1	Drive Motor	kw	0.75DC
6.2	Lifting Motor	kw	2.20DC
6.4	Battery Voltage/Capacity	V/Ah	24/60 Li-Ion
Others			
7.1	Controller Manufacturer		PG
7.2	Service Brake		Regenerating
7.3	Parking Brake		Electromagnetic

