

## Performance

- ◆ Reinforcing steel set between inner and outer mast, ensures the mast won't tilt forward while lifting with load, and makes the truck more stable.
- ◆ Permanent Magnetic Motor Drive System with smaller size, lighter weight, lower loss and higher efficiency.
- ◆ Original Germany water-proof micro switch is able to adapt to cold, wet, dust and other harsh environment.
- ◆ External charger makes better heat radiation and avoids the damage from vibration while the vehicle runs.
- ◆ The key switch and power gauge integrated on the handle makes operation more easier.
- ◆ With Four-color LED power meter (displaying green, blue, orange and red in turn), operator can visually know the remaining battery capacity.
- ◆ Operation handle equipped with high-quality pneumatic spring is durable and long-life . It can reset slowly and automatically after releasing.
- ◆ Handle with turtle speed switch makes speed control more precise.
- ◆ Lifting and lowering buttons are setting on both sides of the handle, makes operation easier and more convenient.
- ◆ As an economical stacker, also equipped with high-power and performance lifting pump, which ensures lifting powerful.
- ◆ The operation handle designed to be ergonomic for pedestrian truck, which makes operation more comfortable.
- ◆ With Side-drive design,it can make a small turning radius and better vision,reduce operation aisle effectively and apply to small operation space.



## TW 15 Electric Stacker Main Specifications

Specification	1	Brand		TEU
	2	Model		TW15
	3	Drive type		Electric
	4	Operation type		Pedestrian
	5	Rated load capacity	t	1.5
	6	Load center	mm	600
	7	Front overhang	mm	720
	8	Wheelbase	mm	1167
Weight	9	Weight (with battery)	mm	495
	10	Tyre type		Polyurethane
Wheel and chassis	11	Drive wheel size	mm	Φ210×70
	12	Bearing wheel size	mm	Φ80×70
	13	Balance wheel size	mm	Φ115×55
	14	Number of drive, balance / bearing wheel (x=drive)		1x+1/4
	15	Tread, drive end	mm	522
	16	Tread, bearing end	mm	410/535
Dimension	17	Mast height (fork lowered)	mm	1995
	18	Free lift	mm	0
	19	Max. lifting height	mm	3000
	20	Overall height fork raised (with backrest)	mm	3424
	21	Handle lever height at operation position (min./max.)	mm	700/1225
	22	Lowered fork height	mm	86
	23	Overall length (with fork)	mm	1740
	24	Truck length	mm	590
	25	Truck width	mm	795
	26	Fork size	mm	60/160/1150
	27	Overall fork width	mm	570/695
	28	Ground clearance at wheelbase center	mm	26
	29	Aisle width for pallets 1000x1200 crossways	mm	2074
	30	Aisle width for pallets 800x1200 lengthways	mm	2040
	31	Turning radius	mm	1342
Performance	32	Travelling speed (full load /no load)	km/h	4.0 / 4.2
	33	Lifting speed (full load/ no load)	mm/s	92/136
	34	Lowering speed (full load/ no load)	mm/s	112/98
	35	Max. gradeability (full load/ no load)	%	6/8
	36	Brake type		Electromagnetic
Motor	37	Drive motor power	KW	0.75
	38	Lifting motor power	KW	2.2
	39	Battery		no
	40	Battery voltage / Capacity	V/Ah	2×12/100
	41	Battery weight (±5%)	kg	2×27
Others	42	Drive control type		DC speed control
	43	Noise level	dB(A)	69
	44	Steering type		Mechanical steering