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## ECT101

Electric Counterbalance Stacker 1.0T

- Optimized drive system
- Upgraded hydraulic system
- Brilliant visibility
- Easy handling

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PRODUCT FEATURES

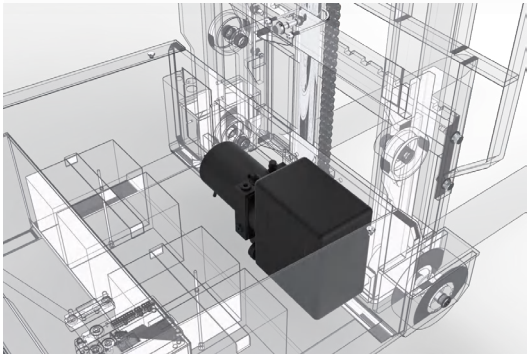
■ Optimized drive system

Powered by 48V motor, ECT101 can travel up at great gradeability of 6% with full load. The improved heat dissipation designed controller prevents the truck from getting overheated.



■ Upgraded hydraulic system

The hydraulic system is now with low energy loss and fine appearance. The chromium coating cylinder of high hardness is not easy to get rusty and keeps fine appearance.



■ Brilliant visibility

The low chassis of ECT101 ensures good visibility during operation. This makes it a safe machine to use when in confined spaces.



■ Easy handling

The long-sized handle makes steering operation much easier. The bottom of steering handle is equipped with water-proofed cables that is able to prevent electricity leakage and ensure you operation safety.



PRODUCT PARAMETERS

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			ECT101
1.3	Drive unit			Electrics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	1000
1.6	Load center distance	c	mm	400
1.8	Load distance, centre of drive axle to fork	x	mm	108
1.9	Wheelbase	y	mm	996
Weight				
2.1	Service weight (include battery)		kg	1280
2.2	Axle loading, laden driving side/loading side		kg	320/1960
2.3	Axle loading, unladen driving side/loading side		kg	840/440
Types,Chassis				
3.1	Tyre type Driving wheels/Loading wheels			polyurethane/ polyurethane
3.2	Tyre size, driving wheels (diameter*width)		mm	245/94
3.3	Tyre size, loading wheels (diameter*width)		mm	180/65
3.4	Tyre size, caster wheels (diameter*width)		mm	/
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	2/1X
3.6	Track width, front,driving side	b10	mm	742
3.7	Track width,rear,loading side	b11	mm	/
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/β	mm	/
4.2	Height, mast lowered	h1	mm	2098
4.3	Free lift	h2	mm	1158
4.4	Lift height	h3	mm	1600
4.5	Height, mast extended	h4	mm	2338
4.9	Height drawbar in driving position min./max.	h14	mm	715/1200
4.10	Height of wheel arms	h8	mm	/
4.15	Lowered height	h13	mm	35
4.19	Overall length	l1	mm	2087
4.20	Length to face of forks	l2	mm	1337
4.21	Overall width	b1/ b2	mm	846
4.22	Fork dimensions	s/ e/ l	mm	35*100*750
4.24	Fork carriage width	b3	mm	840
4.25	Distance between fork-arms	b5	mm	620
4.31	Ground clearance, laden, below mast	m1	mm	60
4.32	Ground clearance, center of wheelbase	m2	mm	60
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2689
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2797
4.35	Turning radius	Wa	mm	1229
Performance data				
5.1	Travel speed, laden/ unladen		km/h	4.5/5
5.2	Lifting speed, laden/ unladen		m/ s	0.13/0.2
5.3	Lowering speed, laden/ unladen		m/ s	0.14/0.125
5.8	Max. gradeability, laden/unladen		%	5.0/6.0
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	0.9
6.2	Lift motor rating at S3 15%		kW	2.2
6.3	The maximum allowed size battery		mm	759*254*315
6.4	Battery voltage/nominal capacity		V/ Ah	4*12/65
6.5	Battery weight		kg	78
Addition data				
8.1	Type of drive unit			DC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear		dB (A)	74

LINE GRAPH

