

SILVERSTONE

MATERIAL HANDLING

Technical data



ES10-1600
E-stacker 1.0t



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Characteristics			
1.1	Manufacturer		
1.2	Model designation		ES10-1600 (1600mm)
1.3	Drive unit		electric
1.4	Operator type		pedestrian
1.5	Load capacity	Q (kg)	1000
1.6	Load center	c (mm)	600
1.8	Load distance	x (mm)	805
1.9	Wheelbase	y (mm)	1126
Weights			
2.1	Service weight (Incl. battery)	kg	475
2.2	Axle loading, laden operator/load side	kg	655/820
2.3	Axle loading, unladen operator/load side	kg	362/113
Wheels, Chassis			
3.1	Tyre type		PU/PU
3.2	Tyre size, operator side	mm	Ø 210x70
3.3	Tyre size, load side	mm	Ø 80x60
3.4	Balance wheels (dimensions)		Ø 130x55
3.5	Wheels, number operator/load side (x=drive wheels)		1x+ 2/ 4
3.6	Tread, operator side	b ₁₀ (mm)	533
3.7	Tread, load side	b ₁₁ (mm)	380
Dimensions			
4.2	Height, mast lowered	h ₁ (mm)	1940
4.3	Free lift	h ₂ (mm)	1590
4.4	Lift height	h ₃ (mm)	1600
4.5	Height, mast extended	h ₄ (mm)	1955
4.9	Height of tiller arm in operating position, min/ max	h ₁₄ (mm)	860/ 1200
4.15	Fork height, lowered	h ₁₃ (mm)	85
4.19	Overall length	l ₁ (mm)	1615
4.20	Length to face of forks	l ₂ (mm)	465
4.21	Overall width	b ₇ / b ₂ (mm)	800
4.22	Fork dimensions	s/ e/ l (mm)	60/ 170/ 1150
4.25	Outside fork width, minimum/ maximum	b ₅ (mm)	550
4.32	Ground clearance	m ₂ (mm)	30
4.33	Aisle width, 1000x1200 pallet crossways	Ast (mm)	2137
4.34	Aisle width, 800x1200 pallet lengthways	Ast (mm)	2062
4.35	Outer turning radius	Wa (mm)	1295
Performance			
5.1	Travel speed, laden/ unladen	km/ h	3.5/4
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	Maximum gradeability, laden/ unladen S ₂ 5 min.	%	3/ 10
5.10	Service brake		Electromagnetic
Drive			
6.1	Drive motor rating S ₂ 60 min.	kW	0.65
6.2	Lift motor rating at S ₃ 15%	kW	2.2
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	2x12/80
6.5	Battery weight (with box)	kg	2x20
	Battery compartment dimensions l/ w/ h	mm	260/ 172/ 215
	Battery type		Gel Battery
Others			
8.1	Type of drive control		DC
	Manufacturer		CURTIS
8.4	Sound level at operator's ear	dB (A)	74

