

Technical datasheet

Description			
1.1	Manufacturer		Still
1.2	Model		ECH 12
1.3	Drive type: Battery, diesel, petrol, LP gas, mains power		Battery
1.4	Operation		Pedestrian
1.5	Nominal loading capacity	Q (kg)	1200
1.6	Load centre	c (mm)	600
1.8	Axle centre to fork face	x (mm)	950 (880)
1.9	Wheelbase	y (mm)	1190 (1120)

Weight			
2.1	Service weight	kg	130
2.2	Axle load with load, drive side/load side ($\pm 10\%$)	kg	420/910
2.3	Axle load without load, drive side/load side ($\pm 10\%$)	kg	110/20

Wheels			
3.1	Tyres: pneumatic, polyurethane, rubber		PU/PU
3.2	Drive wheel sizes	\varnothing x w (mm)	210x70
3.3	Load wheel specifications	\varnothing x w (mm)	80x60
3.5	Wheels, number drive side/load side (x=traction)		1x+/4

Dimensions			
4.4	Lift height	h3 (mm)	110
4.9	Tiller height, travel position (min./max.)	h14 (mm)	800/1190
4.15	Fork height, lowered	h13 (mm)	80
4.19	Overall length	l1 (mm)	1540
4.20	Length to fork face	l2 (mm)	390
4.21	Total width	b1/b2 (mm)	560 (685)
4.22	Dimensions of forks	s/e/l (mm)	53x150x1150
4.25	Fork spread (outside of forks)	b5 (mm)	560 (685)

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Dimensions			
4.32	Ground clearance at centre of wheelbase, with load	m2 (mm)	27
4.34	Aisle width with 800 x 1200 mm pallet along forks	Ast (mm)	2062
4.35	Turning radius	Wa (mm)	1390

Performance data			
5.1	Driving speed, full load/no load	km/h	4.0/4.5
5.2	Lifting speed, full load/no load	m/s	0.02/0.025
5.3	Lowering speed, full load/no load	m/s	0.06/0.03
5.8	Maximum climbing ability, with/without load	%	4/10
5.9	Acceleration time, with/without load	s	n/a
5.10	Brake type		Electromagnetic

Drive			
6.1	Traction motor rating S2 60 min	kW	0.65
6.2	Lifting motor rating at S3 15%	kW	0.5
6.3	Battery according to DIN 43531/35/36 A, B, C, no		Lithium battery
6.4	Battery voltage, nominal capacity K5	V/Ah	24/20
6.5	Battery weight ($\pm 10\%$)	kg	3.7
6.6	Energy consumption according to VDI cycle	kW/h	n/a

Other			
8.1	Drive control method		DC
8.4	Noise level at operator's ear	dB(A)	<74