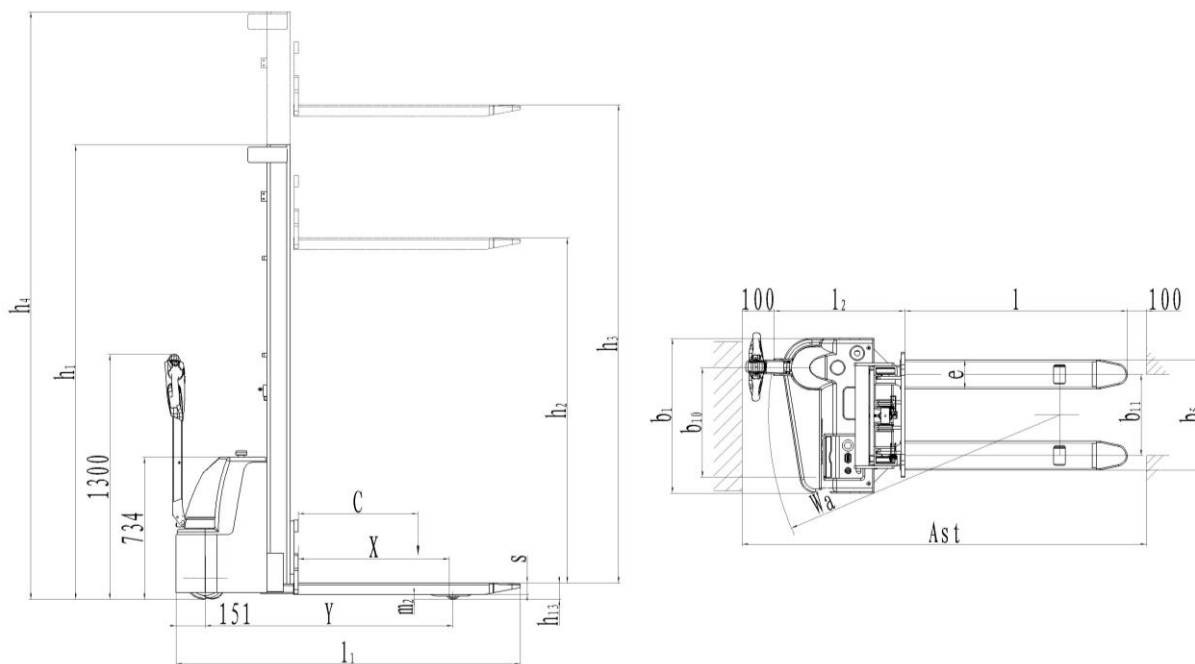
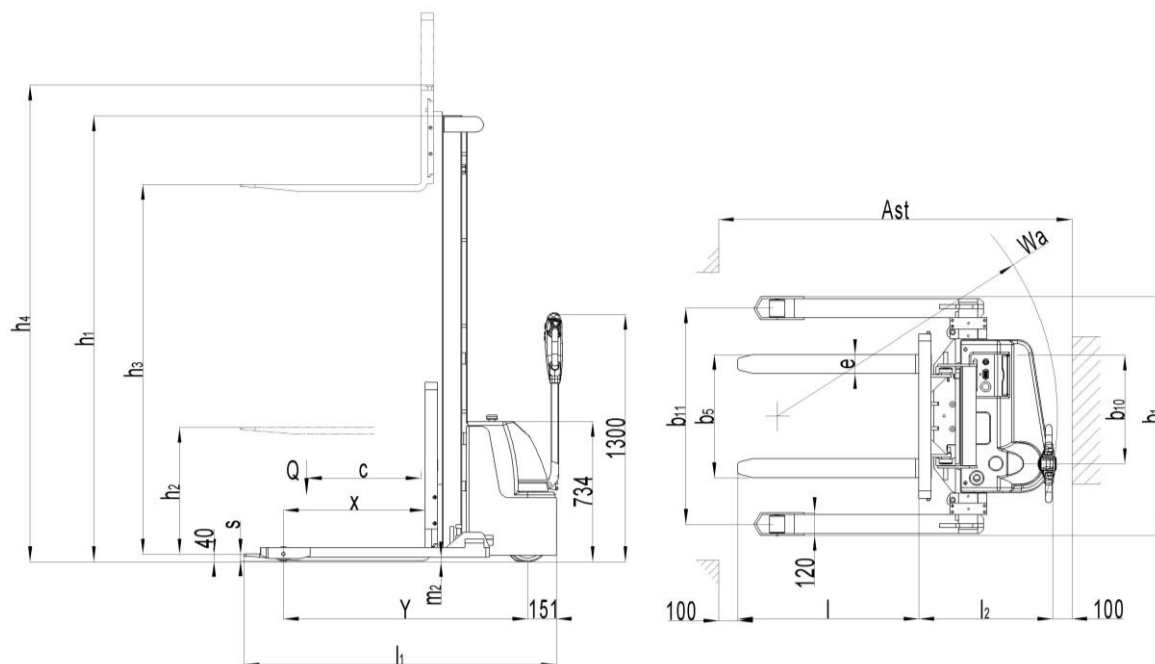


ECL10



ECL10 M



Technical data sheet for industrial trucks acc. to VDI 2198					
Distinguishing mark	1.2	Manufacturer`s type designation		ECL 1029	ECL 1029 M
	1.3	Drive		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load Capacity / rated load	Q (t)	1.0	
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	800	733
	1.9	Wheelbase	Y (mm)	1281	
Weight	2.1	Service weight	kg	510	756
	2.2	Axle loading, laden front/rear	kg	580/930	786/970
	2.3	Axle loading, unladen front/rear	kg	385/125	530/226
Tyres, Chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	Ø x w (mm)	Ø220 × 70	
	3.3	Tire size, rear	Ø x w (mm)	Ø80 × 93	
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø124 × 60	
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1 / 2	
	3.6	Tread, front	b ₁₀ (mm)	529	
	3.7	Tread, rear	b ₁₁ (mm)	420/ 535	1130 - 1500
Dimensions	4.2	Lowered mast height	h ₁ (mm)	1950	1935
	4.3	Free Lift height	h ₂ (mm)	70	70
	4.4	Lift	h ₃ (mm)	2840	2840
	4.5	Extended mast height	h ₄ (mm)	3325	3420
	4.9	Height of tiller in drive position min./ max.	h ₁₄ (mm)	785/ 1300	
	4.15	Height, lowered	h ₁₃ (mm)	85	40
	4.19	Overall length	l ₁ (mm)	1800	1638
	4.20	Length to face of forks	l ₂ (mm)	632	700
	4.21	Overall width	b ₁ (mm)	800	1250
	4.22	Fork dimensions	s/e/l (mm)	60/150/1150	35/100/1150 ¹⁾
	4.25	Distance between fork- arms	b ₅ (mm)	570/ 685	282 - 800
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	29	25
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2318	2341
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2250	2300
	4.35	Turning radius	Wa (mm)	1485	
Performance data	5.1	Travel speed, laden/ unladen	km/h	4.3 / 4.5	
	5.2	Lift speed, laden/ unladen	m/s	0,11/ 0,16	
	5.3	Lowering speed, laden/ unladen	m/s	0,13/ 0,11	
	5.8	Max. gradeability, laden/ unladen	%	5 / 10	
	5.10	Service brake		Electromagnetic	
Electric-motor	6.1	Drive motor rating S2 60min	kW	0.45	
	6.2	Lift motor rating at S3 7.5%	kW	2.2	
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		no	
	6.4	Battery voltage, nominal capacity K5	V/Ah	2X 12/ 85 ²⁾	
	6.5	Battery weight	kg	2X 25	
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.73	0.76
Additional data	8.1	Type of drive control		DC- Speed Control	
	8.4	sound level at driver`s ear acc. to EN 12053	dB(A)	< 70	

1) Optional: 35/ 100/ 950

2) Optional: 2x12V / 106 Ah

Other type data

1.2	Manufacturer's type designation		ECL 1016	ECL 1020	ECL 1032	ECL 1035	ECL 1016 M	ECL 1020 M	ECL 1032M	ECL 1035M
1.8	Load distance ,centre of drive axle to fork	x(mm)	821		809		745		733	
2.1	Service weight	kg	430	450	525	540	676	696	771	786
2.2	Axle loading, laden front/rear	kg	550/880	560/890	590/935	600/940	736/940	756/940	796/975	406/980
2.3	Axle loading, unladen front/rear	kg	335/105	340/110	395/130	405/135	500/176	510/186	540/231	550/236
4.2	Lowered mast height	h_1 (mm)	1950	2350	2100	2250	1935	2335	2085	2235
4.3	Free Lift height	h_2 (mm)	1530	1930	70	70	1530	1930	70	70
4.4	Lift	h_3 (mm)	1530	1930	3140	3440	1530	1930	3140	3440
4.5	Extended mast height	h_4 (mm)	1950	2350	3625	3925	2120	2520	3720	4020
4.20	Length to face of forks	l_2 (mm)	620		632		688		700	
4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2312		2315		2336		2341	
4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2236		2245		2290		2300	
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.68		0.73		0.71		0.76	