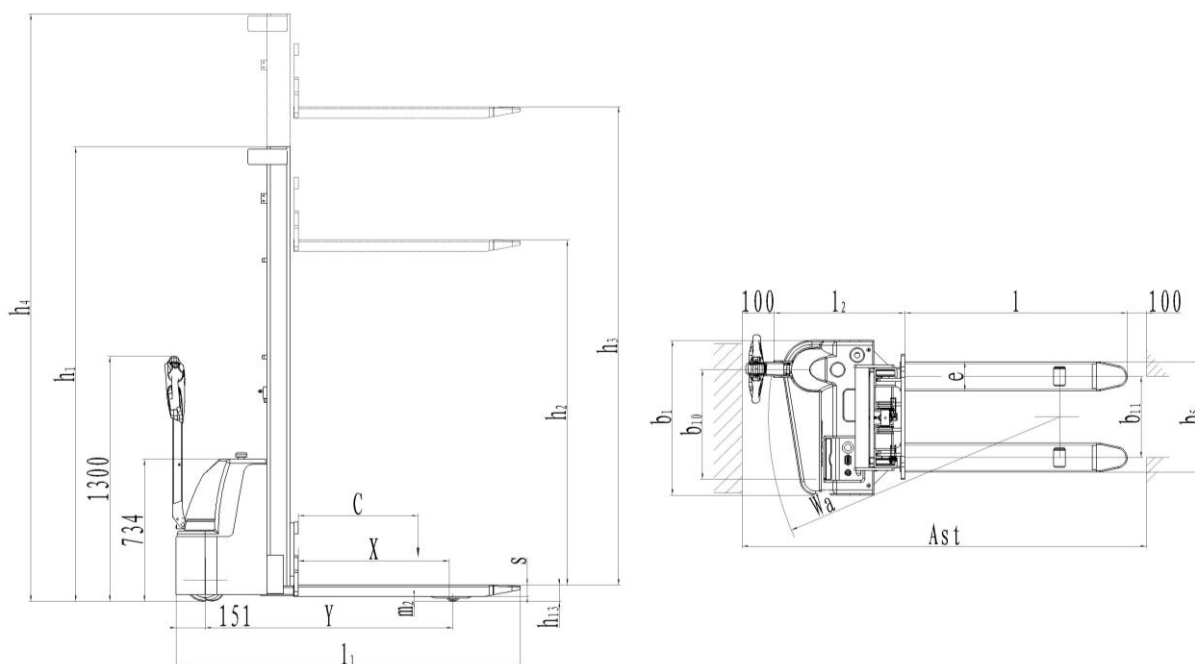
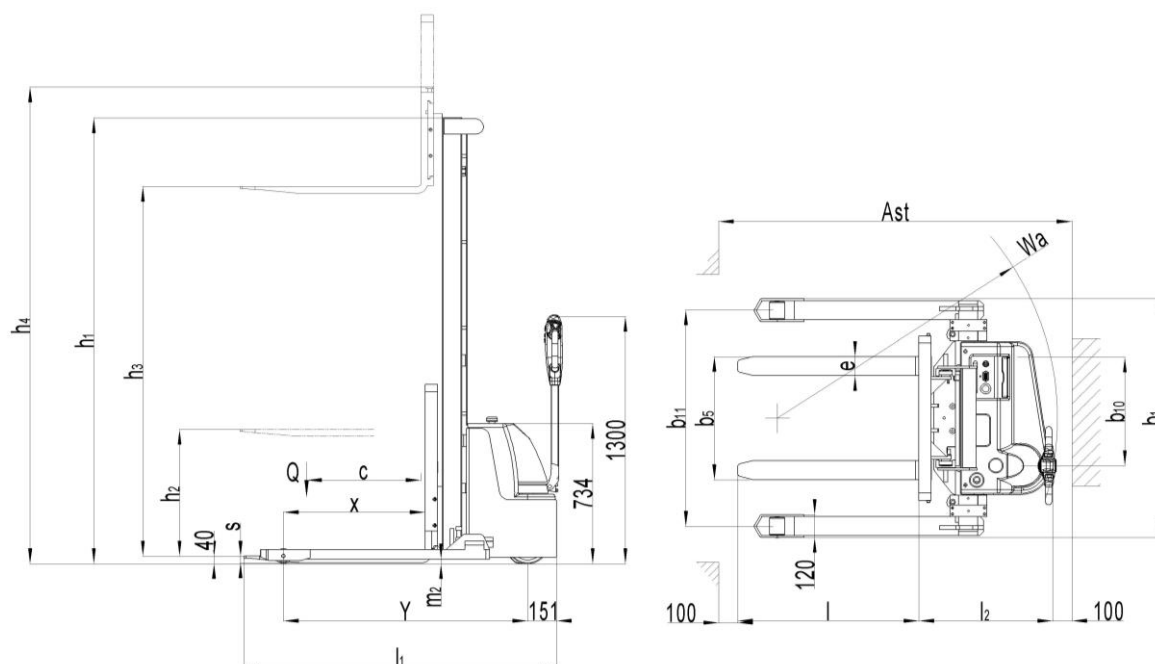


ECL10



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(lbs)	2200	
	1.6	Load centre distance	c(in)	23.6	
	1.8	Load distance ,centre of drive axle to fork	x(in)	31.5	28.9
	1.9	Wheelbase	Y(in)	50.4	
Weight	2.1	Service weight	lbs	1122	1663
	2.2	Axle loading, laden front/rear	lbs	1276/2046	1729/2134
	2.3	Axle loading, unladen front/rear	lbs	847/275	1166/497
Tyres, Chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	ØxW (in)	Ø8.7 × 2.8	
	3.3	Tire size, rear	ØxW (in)	Ø3.1 × 3.7	
	3.4	Additional wheels(dimensions)	ØxW (in)	Ø4.9 × 2.4	
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1 / 2	
	3.6	Tread, front	b10 (in)	20.8	
	3.7	Tread, rear	b11 (in)	16.5/21	44.5 - 59
Dimensions	4.2	Lowered mast height	h1 (in)	76.8	76.2
	4.3	Free Lift height	h2 (in)	2.8	2.8
	4.4	Lift	h3 (in)	111.8	111.8
	4.5	Extended mast height	h4(in)	130.9	134.6
	4.9	Height of tiller in drive position min./ max.	h14 (in)	30.9/ 51.2	
	4.15	Height, lowered	h13(in)	3.3	1.6
	4.19	Overall length	l1 (in)	70.9	72.4
	4.20	Length to face of forks	l2 (in)	24.9	27.6
	4.21	Overall width	b1 (in)	31.5	49.2
	4.22	Fork dimensions	s/e/l(in)	2.4/5.9/45.3	1.4/3.9/45.3 ¹⁾
	4.25	Distance between fork- arms	b5(in)	22.4/ 27	11.1 – 31.5
	4.32	Ground clearance, centre of wheelbase	m2(in)	1.1	1
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (in)	91.3	92
	4.34	Aisle width for pallets 800X1200 lengthways	Ast(in))	88.6	90.6
	4.35	Turning radius	Wa(in)	58.5	
Performance data	5.1	Travel speed, laden/ unladen	mph	2.7/ 2.8	
	5.2	Lift speed, laden/ unladen	fpm	21.7/ 31.5	
	5.3	Lowering speed, laden/ unladen	fpm	25.6/ 21.7	
	5.8	Max. gradeability, laden/ unladen	%	5 / 10	
	5.10	Service brake		Electromagnetic	
Electric-motor	6.1	Drive motor rating S2 60min	HP	0.6	
	6.2	Lift motor rating at S3 7.5%	HP	3.0	
	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	lbs	2X 55	
	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: 1.4/ 3.9/ 37.4

2) Optional: 2x12V / 106

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(in)	32		31.5		29.3		28.9	
2.1	Service weight	lbs	946	990	1155	1188	1487	1531	1696	1729
2.2	Axle loading, laden front/rear	lbs	1210/1936	1232/1958	1298/2057	1320/2068	1619/2068	1663/2068	1751/2145	893/2156
2.3	Axle loading, unladen front/rear	lbs	715/231	748/242	869/1286	891/297	1100/387	1122/409	1188/508	1210/519
4.2	Lowered mast height	h ₁ (in)	76.8	92.5	82.7	88.6	76.2	91.9	82.1	88
4.3	Free Lift height	h ₂ (in)	60.2	76	2.8	2.8	60.2	76	2.8	2.8
4.4	Lift	h ₃ (in)	60.2	76	123.6	135.4	60.2	76	123.6	135.4
4.5	Extended mast height	h ₄ (in)	76.8	2350	142.7	154.5	83.5	99.2	146.5	158.3
4.3 3	Aisle width for pallets 1000X1200 crossways	Ast (in)	91.1		91.3		92		92.2	
4.3 4	Aisle width for pallets 800X1200 lengthways	Ast (in)	88.3		88.6		90.2		90.6	
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.68		0.73		0.71		0.76	