

Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer		LINDE
	1.2	Manufacturer's type designation		L12 AP
	1.2a	Series		133-01
	1.3	Power unit		Battery
	1.4	Operation		Pedestrian / Stand on
	1.5	Load capacity/Load	Q (t)	1.2
	1.6	Load centre distance	c (mm)	600
	1.8	Axle centre to fork face	x (mm)	760 ¹⁾
	1.9	Wheelbase	y (mm)	1,401 ^{1) 2)}
Weights	2.1	Service weight	kg	1,360 ^{3) 4)}
	2.2	Axle load with load, front/rear	kg	1,107 / 1,453 ^{3) 4)}
	2.3	Axle load without load, front/rear	kg	970 / 390 ^{3) 4)}
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		R+P/P ^{5) 6)}
	3.2	Tyre size, front		Ø 254 x 102
	3.3	Tyre size, rear		Ø 85 x 85
	3.4	Auxiliary wheels (dimensions)		2x Ø 140 x 50
	3.5	Wheels, number front/rear (x = driven)		1x + 1 / 2
	3.6	Track width, front	b10 (mm)	470 ¹⁾
	3.7	Track width, rear	b11 (mm)	380 ¹⁾
Dimensions	4.2	Height of mast, lowered	h1 (mm)	1,490
	4.3	Free lift	h2 (mm)	150
	4.4	Lift	h3 (mm)	1,924
	4.5	Height of mast, extended	h4 (mm)	2,460
	4.6	Initial lift	h5 (mm)	-
	4.8	Seat height relating to SIP/stand height	h7 (mm)	160
	4.9	Height of tiller arm in operating position, min/m	h14 (mm)	1,287 (1,103) ⁷⁾
	4.15	Height, lowered	h13 (mm)	85 ¹⁾
	4.19	Overall length	l1 (mm)	2,061 (2,430) ^{1) 2) 8)}
	4.20	Length to fork face	l2 (mm)	911 (1,280) ^{1) 2) 8)}
	4.21	Overall width	b1/b2 (mm)	790 ¹⁾
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	55 x 180 x 1,150 ⁹⁾
	4.24	Width of fork carriage	b3 (mm)	780 ¹⁾
	4.25	Fork spread	b5 (mm)	560 ¹⁾
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	230 ¹⁾
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	20
	4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2,517 (2,886) ^{2) 8) 10)}
4.34.2	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2,466 (2,835) ^{2) 8) 10)}	
4.35	Turning radius	Wa (mm)	1,671 (2,040) ^{2) 8)}	
Performance	5.1	Travel speed, with/without load	km/h	6 / 6 (8 / 8) ^{8) 11)}
	5.2	Lifting speed, with/without load	m/s	0.11 / 0.22 (0.06 / 0.06) ^{4) 12)}
	5.3	Lowering speed, with/without load	m/s	0.3 / 0.3 (0.07 / 0.07) ^{4) 12)}
	5.8	Maximum climbing ability, with/without load	%	15.0 / 18.0
	5.9	Acceleration time, with/without load	s	1.5 / 1.4
	5.10	Service brake		Electric/hydraulic
Drive	6.1	Drive motor rating S2 60 min	kW	3
	6.2	Lift motor rating at S3 15%	kW	1.7
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 535 B / [-] ¹³⁾
	6.4	Battery voltage/rated capacity (5h)	(V)/(Ah) o. kWh	24 / 375 [205/410] ¹³⁾
	6.5	Battery weight (± 5%)	kg	287 ⁴⁾
	6.6	Power consumption according to VDI cycle	kWh/h	0.97
Offbit	8.1	Type of drive unit		LAC
	10.7	Sound pressure level LpAZ (at the driver's seat)	dB(A)	< 70

- 1) (± 5 mm)
- 2) ± 0 mm = 3 PzS lateral;
+100 mm = 3 PzS vertical, 4 PzS and Li-ION lateral.
- 3) Figures with battery, see line 6.4/6.5.
- 4) (± 10%)
- 5) Drive Wheel Option: rubber non marking, Polyurethane and wet grip
- 6) Solid rubber + polyurethane / polyurethane
- 7) Value in paranthesis with fully suspended operator platform
- 8) Values in parenthesis refer to lowered Rider Plattform
- 9) Load arms 60x125x1119
- 10) Including a 200 mm (min.) operating aisle clearance.
- 11) (± 5%)
- 12) Figures in parenthesis with initial lift
- 13) [Li-ION battery] required battery space = 4 PzS side change