

Technical data

		Model group	E 20 P	
Distinguishing mark	1.1	Manufacturer (abbreviation)	LINDE	LINDE
	1.2	Manufacturer's type designation	E 20 PH	E 20 PHL
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Battery	Battery
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Seated
	1.5	Load capacity/rated load Q (t)	2.0	2.0
	1.6	Load centre distance c (mm)	500	500
	1.8	Load distance, centre of drive axle to fork x (mm)	374	374
	1.9	Wheelbase y (mm)	1481 ¹⁾	1589 ¹⁾
	Weight	2.1	Service weight kg	3516
2.2		Axle loading, laden front/rear kg	4890/626	4909/605
2.3		Axle loading, unladen front/rear kg	1710/1806	1809/1705
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	SE	SE
	3.2	Tyre size, front	200/50-10 ⁵⁾	200/50-10 ⁵⁾
	3.3	Tyre size, rear	16 x 6-8 ⁵⁾	16 x 6-8 ⁵⁾
	3.5	Wheels, number front rear (x = driven wheels)	2 x / 2	2 x / 2
	3.6	Tread, front b10 (mm)	965	965
	3.7	Tread, rear b11 (mm)	807	807
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward Grad	5/7.5
4.2		Height, mast lowered h1 (mm)	2194 ⁶⁾	2194 ⁶⁾
4.3		Free lift h2 (mm)	150	150
4.4		Lift h3 (mm)	3110	3110
4.5		Height, mast extended h4 (mm)	3713	3713
4.7		Height of overhead guard (cabin) h6 (mm)	2130	2130
4.8		Seat height/stand height h7 (mm)	1065	1065
4.12		Coupling height h10 (mm)	602	602
4.19		Overall length l1 (mm)	2987	3095
4.20		Length to face of forks l2 (mm)	2087	2195
4.21		Overall width b1 / b2 (mm)	1172/1050	1172/1050
4.22		Fork dimensions s/e/l (mm)	40 x 80 x 1000	40 x 80 x 1000
4.23		Fork carriage DIN 15 173, class/type A, B	2A	2A
4.24		Fork-carriage width b3 (mm)	1040	1040
4.31		Ground clearance, laden, below mast m1 (mm)	97	102
4.32		Ground clearance, centre of wheelbase m2 (mm)	103	103
4.33		Aisle width for pallets 1000 x 1200 crossways Ast (mm)	3412	3520
4.34		Aisle width for pallets 800 x 1200 lengthways Ast (mm)	3537	3645
4.35		Turning radius Wa (mm)	1713	1821
4.36	Internal turning radius b13 (mm)	-	-	
Performance data	5.1	Travel speed, laden/unladen km/h	20/20	20/20
	5.2	Lift speed, laden/unladen m/s	0.45/0.6	0.45/0.6
	5.3	Lowering speed, laden/unladen m/s	0.58/0.5	0.58/0.5
	5.5	Drawbar pull, laden/unladen N	2300/2300	2300/2300
	5.6	Max. drawbar pull, laden/unladen N	10000/10000	10000/10000
	5.7	Gradeability, laden/unladen %	5.7/8.9	5.7/8.9
	5.8	Max. gradeability, laden/unladen %	18.8/30.3	18.8/30.3
	5.9	Acceleration time, laden/unladen s	4.6/4.0	4.7/4.1
	5.10	Service brake	Hydraulic/mechanical	Hydraulic/mechanical
	Electric-engine	6.1	Drive motor rating S2 60 min kW	2 x 5
6.2		Lift motor rating at S3 15% kW	11	11
6.3		Battery acc. to DIN 43 531/35/36 A, B, C, no	43531A	43531A
6.4		Battery voltage, nominal capacity K ₅ V/Ah	48/700 (700) ⁹⁾	48/840 (840) ⁹⁾
6.5		Battery weight kg	1118	1309
6.6		Energy consumption acc. to VDI cycle kWh/h	7.6	7.9
Addition data	8.2	Operating pressure for attachments bar	170	170
	8.3	Oil volume for attachments l/min	32 ⁸⁾	32 ⁸⁾
	8.4	Sound level at the driver's ear according to DIN 12053 dB (A)	< 65	< 65
	8.5	Towing coupling, type DIN	-	-

1) With lifting mast vertical

2) Optional: pneumatic tyres, 18 x 7-8 7 16PR or wrap-around

3) Optional: pneumatic tyres, 15x4 1/2-8/12PR

4) Optional: pneumatic tyres, 16 x 68 / 10PR

5) Optional: wrap-around tyres

6) With 150 mm free lift

7) With wrap-around tyre, 18 x 6 b1 - 1074

8) At 80% nominal pressure (8.2)

9) Data between brackets are taken from the ZVEI instruction leaflet on "Use of European-series cells in DIN-standard batteries" (July 2002 edition).