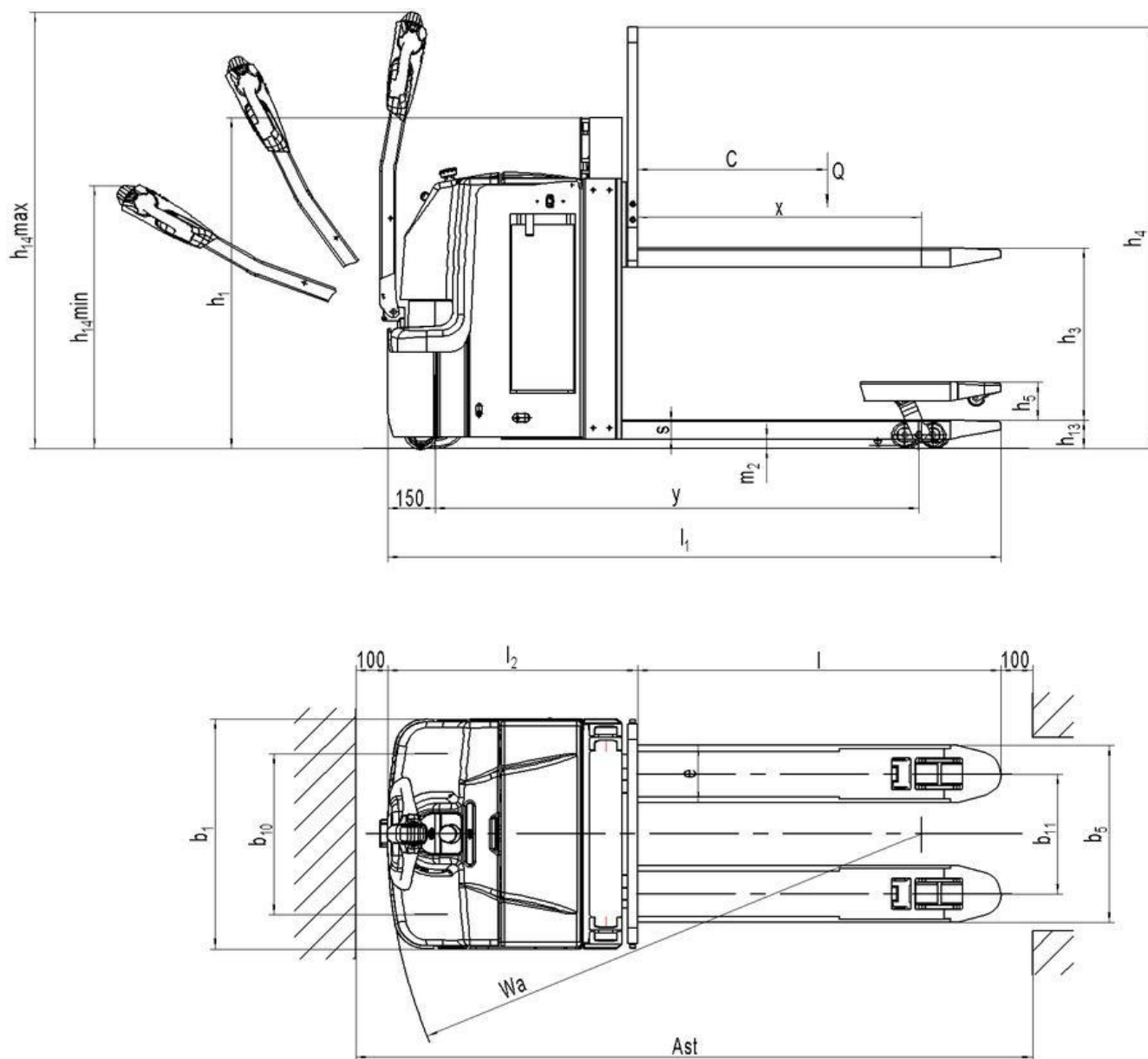


PT 20D/H



Type sheet for industrial truck acc. to VDI 2198

Distinguishing mark	1.2	Manufacturer's type designation		PT 20D	PT 20H
	1.3	Drive		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / rated load	Q (t)	2.0	
		Load capacity at mast lift	Q (t)	1.0 ¹⁾	
		Load capacity at support arm lift	Q (t)	2.0 ¹⁾	
	1.6	Load center distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	916	
	1.9	Wheelbase	Y (mm)	1532	

Weight	2.1	Service weight	kg	990	1010	1060
	2.2	Axle loading, laden front/rear	kg	880/2110	890/2120	925/2135
	2.3	Axle loading, unladen front/ rear	kg	648/342	658/352	695/365
Tires, chassis	3.1	Tires		Polyurethane (PU)		
	3.2	Tire size, front	Ø x w (mm)	Ø230 x70		
	3.3	Tire size, rear	Ø x w (mm)	Ø 80x70		
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø100x40		
	3.5	Wheels, number front/ rear(x=driven wheels)		1x+2/4		
	3.6	Tread, front	b ₁₀ (mm)	510		
	3.7	Tread, rear	b ₁₁ (mm)	380		
Wheels, Chassis	4.2	Lowered mast height	h ₁ (mm)	1178	1378	1233
	4.4	lift	h ₃ (mm)	1400	1800	2300
	4.5	Extended maximal height	h ₄ (mm)	2528	2928	3475
	4.6	Initial lift	h ₅ (mm)	120		
	4.9	Height of tiller in drive position min./ max.	h ₁₄ (mm)	800/1335		
	4.15	Height, lowered	h ₁₃ (mm)	88		
	4.19	Overall length	l ₁ (mm)	1940		1955
	4.20	Length to face of forks	l ₂ (mm)	790		805
	4.21	Overall width	b ₁ (mm)	729		
	4.22	Fork dimensions	s/e/l (mm)	60 / 180 / 1150		
	4.25	Distance between fork- arms	b ₅ (mm)	560		
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	28		
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2140		2155
	4.34	Aisle width for pallets 800x1200 lengthwise	Ast (mm)	2190		2205
	4.35	Turning radius	Wa (mm)	1682		
Performance data	5.1	Travel speed, laden/ unladen	km/h	6.0/ 6.0		
	5.2	Lift speed, laden/ unladen	mm/s	85/140		
	5.3	Lowering speed, laden/ unladen	mm/s	80/65		
	5.8	Max. gradeability, laden/ unladen	%	8/ 20		
	5.10	Service brake		Electromagnetic		
Electric- motor	6.1	Drive motor rating S2 60min	kW	1.3		
	6.2	Lift motor rating at S3 10%	kW	2.2		
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No, 3VBS		
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/ 210		
	6.5	Battery weight	kg	185		
	6.6	Energy consumption acc. to VDI cycle	kWh/h	1.0		
Addition data	8.1	Type of drive control		AC- speed control		
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	<70		

1) in double-deck operation: mast lift 1.0t,,support arm lift 1.0t

¹⁾ in double-deck operation: mast lift 1.0t,,support arm lift 1.0t