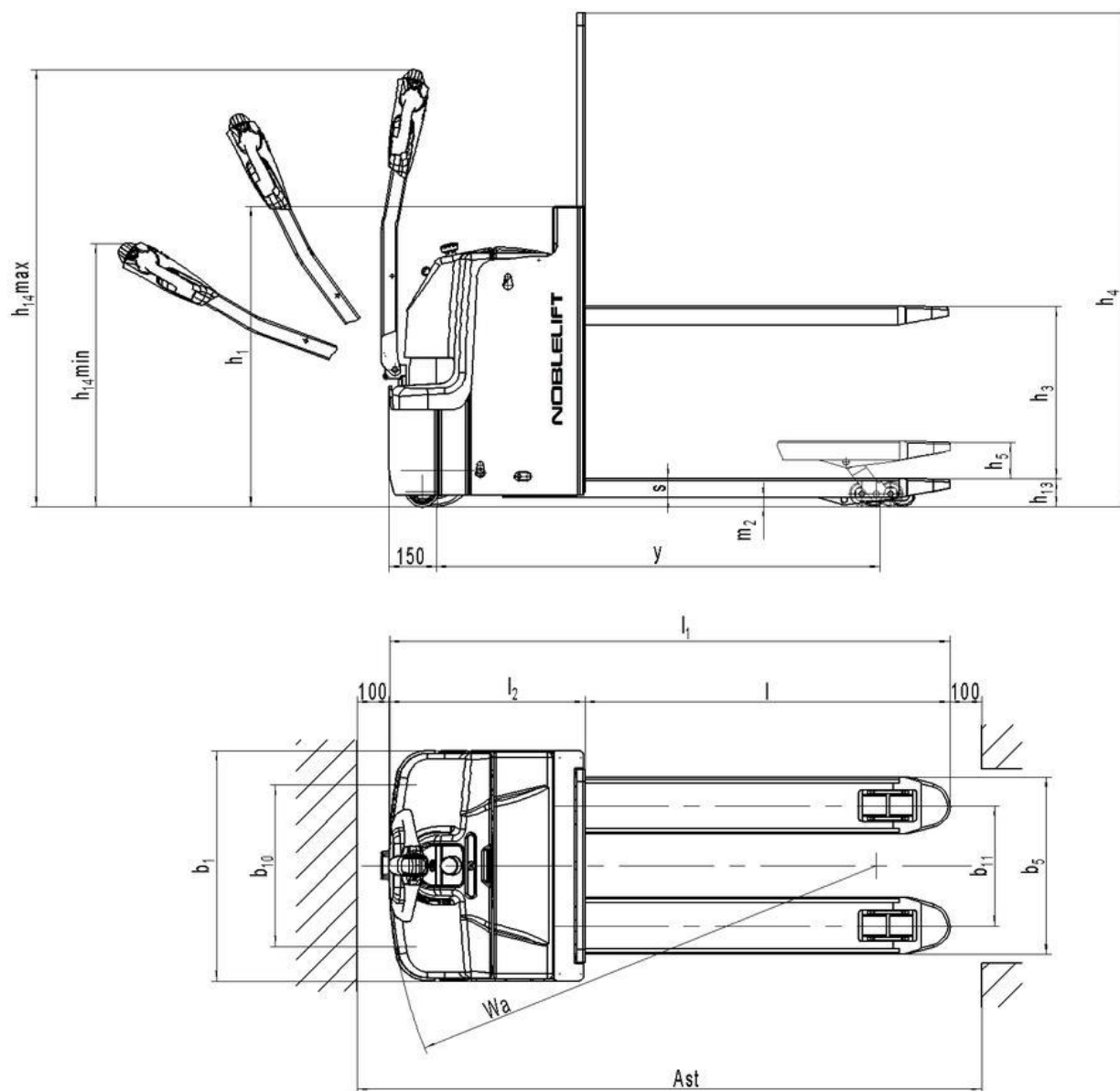


PT 20I



Type sheet for industrial truck acc. to VDI 2198

Distinguishing mark	1.2	Manufacturer's type designation		PT 20I
	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)	1386	1557
Weight	2.1	Service weight	kg	656	855
	2.2	Axle loading, laden front/rear	kg	765/1891	845/2010
	2.3	Axle loading, unladen front/ rear	kg	476/180	612/243
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)	950	855
	4.4	lift	h ₃ (mm)	550	
	4.5	Extended maximal height	h ₄ (mm)	1717	1558
	4.6	Initial lift	h ₅ (mm)	120	
	4.9	Height of tiller in drive position min./ max.	h ₁₄ (mm)	820/1335	
	4.15	Height, lowered	h ₁₃ (mm)	88	
	4.19	Overall length	l ₁ (mm)	1770	1940
	4.20	Length to face of forks	l ₂ (mm)	620	790
	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)	1970	2041
	4.34	Aisle width for pallets 800x1200 lengthwise	Ast (mm)	2020	2091
	4.35	Turning radius	Wa (mm)	1536	1707
Performance data	5.1	Travel speed, laden/ unladen	km/h	6.0/ 6.0	
	5.2	Lift speed, laden/ unladen	mm/s	95/ 150	85/140
	5.3	Lowering speed, laden/ unladen	mm/s	90/ 70	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	1.7
	6.2	Lift motor rating at S3 10%	kW	1.2	2.2
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No, 2VBS	No, 3VBS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/ 160	24/ 210
	6.5	Battery weight	kg	150	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