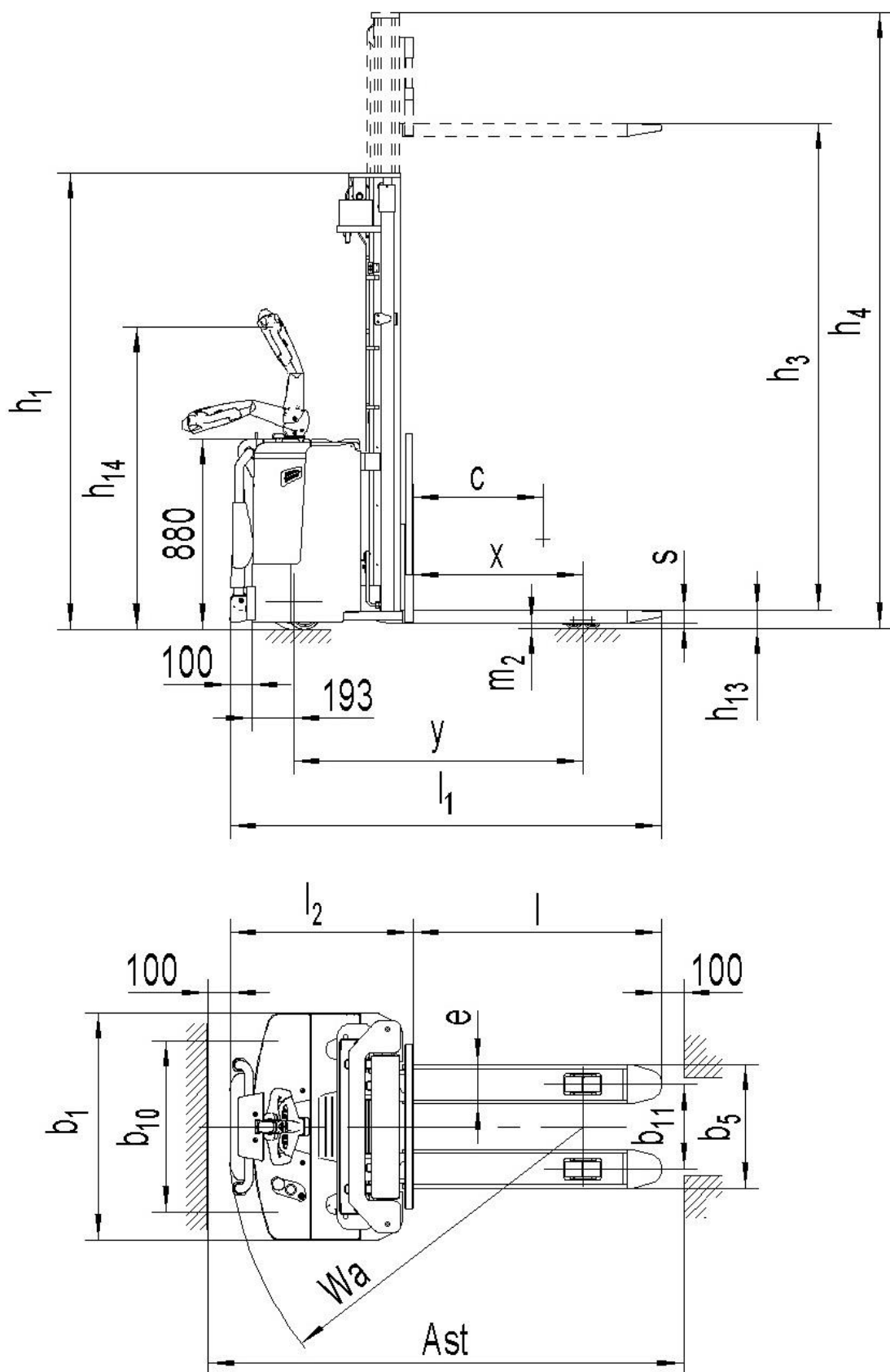


PS 16W



Type sheet for industrial truck acc. to VDI 2198				
Distinguishing mark	1.2	Manufacturer's type designation		PS 16W
	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4	Operator type		Pedestrian (stand)
	1.5	Load Capacity / rated load	Q (t)	1.6
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	784
	1.9	Wheelbase	Y (mm)	1336
Weight	2.1	Service weight	kg	1450
	2.2	Axle loading, laden front/rear	kg	1400/1650
	2.3	Axle loading, unladen front/rear	kg	1130/320
Tires, Chassis	3.1	Tires		Polyurethane (PU)
	3.2	Tire size, front	Ø x w (mm)	Ø252 × 88
	3.3	Tire size, rear	Ø x w (mm)	Ø80 × 70
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø150× 54
	3.5	Wheels, number front/rear(x=driven wheels)		1x+2 / 4
	3.6	Tread, front	b ₁₀ (mm)	790
	3.7	Tread, rear	b ₁₁ (mm)	390/ 505
Dimensions	4.2	Lowered mast height	h ₁ (mm)	2102
	4.3	Free Lift height	h ₂ (mm)	-
	4.4	Lift	h ₃ (mm)	4515
	4.5	Extended mast height	h ₄ (mm)	5112
	4.9	Height of tiller in drive position min./ max.	h ₁₄ (mm)	961/ 1396
	4.15	Height, lowered	h ₁₃ (mm)	85
	4.19	Overall length	l ₁ (mm)	1895/1995
	4.20	Length to face of forks	l ₂ (mm)	746/846
	4.21	Overall width	b ₁ (mm)	1050
	4.22	Fork dimensions	s/e/l (mm)	60/180/1150
	4.25	Distance between fork- arms	b ₅ (mm)	570/ 685
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	25
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2400/ 2500
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2350/ 2450
	4.35	Turning radius	Wa (mm)	1550/ 1650
Performance data	5.1	Travel speed, laden/ unladen	km/h	6.0 / 6.0
	5.2	Lift speed, laden/ unladen	m/s	0.10/0.16
	5.3	Lowering speed, laden/ unladen	m/s	0.095/0.12
	5.8	Max. gradeability, laden/ unladen	%	6 / 12
	5.10	Service brake		Electromagnetic
Electric-Motor	6.1	Drive motor rating S2 60min	kW	1.3
	6.2	Lift motor rating at S3 15%	kW	3.0
	6.3	Battery acc. to DIN 43 531/35/36 A,B,C,no		No, cells 4PzS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/280
	6.5	Battery weight	kg	250
	6.6	Energy consumption acc. to VDI cycle	kWh/h	2.6
Additional 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