

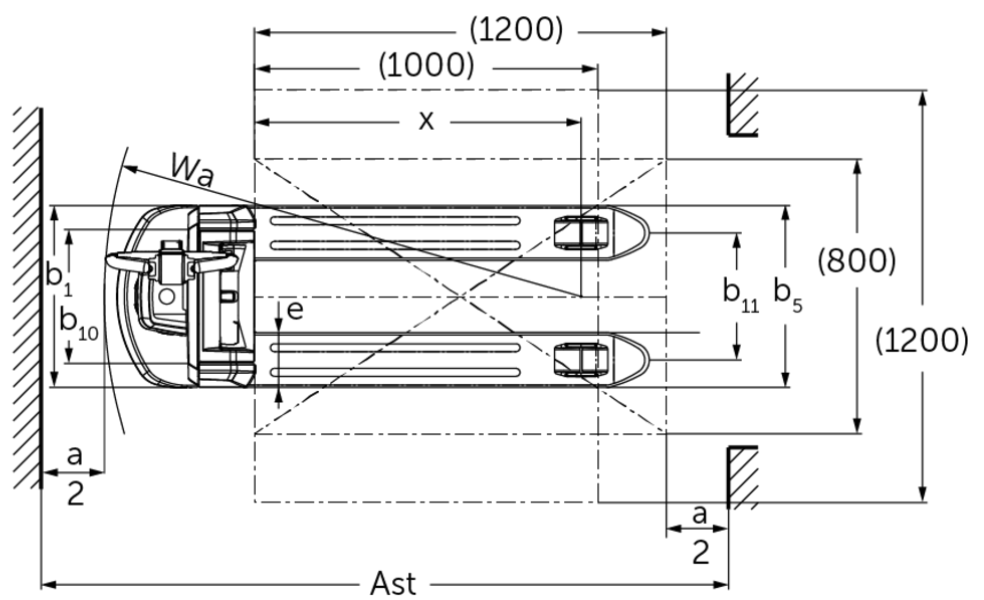


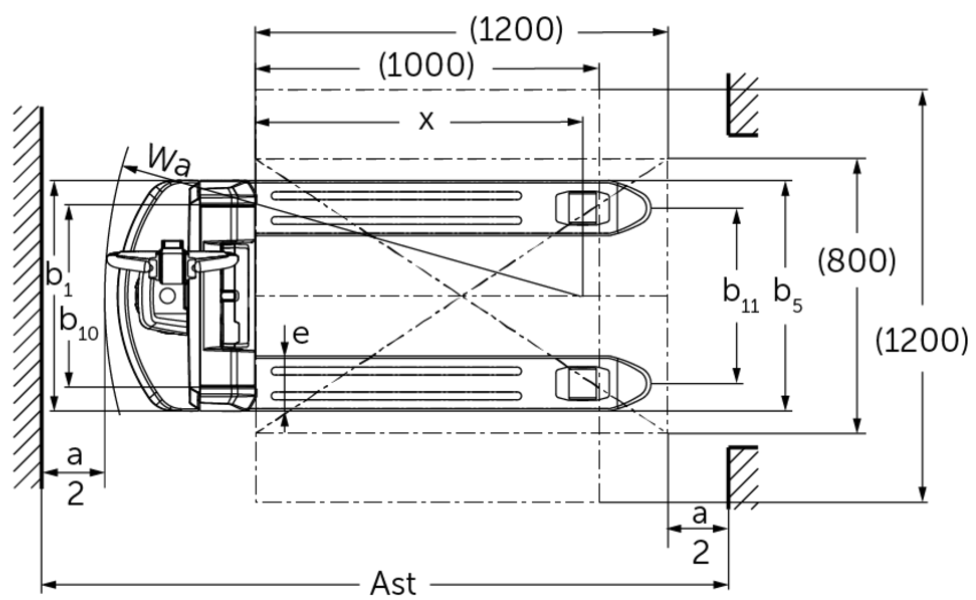
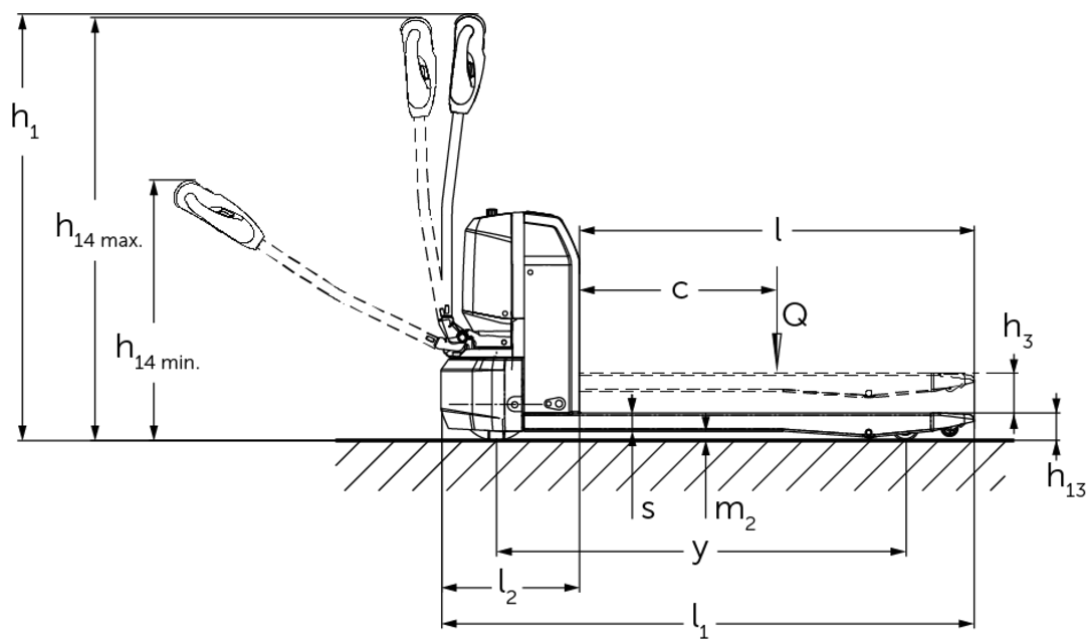
Electric pedestrian pallet truck **AME 15**

Lift height: 115 mm / Load capacity: 1500 kg

A technical diagram of a hand truck with a load, showing various dimensions and forces. The diagram includes the following labels:

- h_1 : Total height from the ground to the top of the handle.
- $h_{14 \text{ max.}}$: Maximum height of the handle from the ground.
- $h_{14 \text{ min.}}$: Minimum height of the handle from the ground.
- l : Length of the main body of the hand truck.
- c : Distance from the front wheel to the center of gravity of the main body.
- Q : Downward force acting on the main body.
- h_3 : Height of the load from the ground.
- h_{13} : Height of the load from the ground.
- s : Distance from the front wheel to the center of gravity of the load.
- m_2 : Mass of the main body.
- y : Distance from the front wheel to the center of gravity of the load.
- l_2 : Distance from the front wheel to the center of gravity of the main body.
- l_1 : Total length of the hand truck.





VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich				
	1.2	Manufacturer's type designation		AME 15				
	1.3	Drive		Electric				
	1.4	Operation		Pedestrian				
	1.5	Load capacity/load	Q kg	1500				
	1.6	Load centre distance	c mm	600				
	1.8	Load distance, centre of drive axle to fork	x mm	602	802	952	802	952
	1.9	Wheelbase	y mm	843	1043	1193	1043	1193
	Weights	2.1.1	Service weight (incl. battery)	kg	129	137	142	155
2.2		Axle load laden front/rear	kg	533 / 1096	539 / 1098	542 / 1100	557 / 1098	560 / 1100
2.3		Axle load unladen front/rear	kg	103 / 26	109 / 28	112 / 30	127 / 28	130 / 30
Wheels/suspension system	3.1	Tyres		Polyurethane (PU)				
	3.2	Tyre size, front		Ø210 x 70				
	3.3	Tyre size, rear		Ø80 x 70 (Ø80 x 93)				
	3.4	Additional wheels		Ø62,5 x 45				
	3.5	Wheels, number front/back (x=driven)		1x +2 / 4 (1x +2 / 2)				
	3.6	Tread width, front	b10 mm	390			530	
	3.7	Tread width, rear	b11 mm	370			510	
Basic dimensions	4.4	Lift (h3)	h3 mm	115				
	4.9	Height of tiller handle in drive position min./max.	h14 mm	700 / 1190				
	4.15	Height, lowered	h13 mm	80				
	4.19	total length	l1 mm	1200	1400	1550	1400	1550
	4.20	Length including fork shank	l2 mm	400				
	4.21.1	total width	b1 mm	530			670	
	4.22	Fork dimensions	s/ e/l mm	53 x 160 x 800	53 x 160 x 1000	53 x 160 x 1150	53 x 160 x 1000	53 x 160 x 1150
	4.25	Width across forks	b5 mm	530			670	
	4.32	Ground clearance centre of wheelbase	m2 mm	27				
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	1958	2003	2060	2003	2060
	4.35	Turning radius	Wa mm	1039	1239	1389	1239	1389
Performance data	5.1	Travel speed laden/unladen	km/h	5 / 5.5				
	5.2	Lift speed laden/unladen	m/s	0.03 / 0.04				
	5.3	Lowering speed laden/unladen	m/s	0.06 / 0.05				
	5.8	Max. gradeability laden/unladen	%	8 / 20				
	5.10	Service brake		electromagnetic				

E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	0.75
	6.2	Lift motor, performance with S3	kW	0.8
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 15
	6.5	Battery weight	kg	7.5
	6.6	Energy consumption according to VDI cycle	kWh/h	0.15
Other	8.1	Type of drive control		Impulse/DC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	70
- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.				

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified as well as our Genuine Parts
Center in Kaltenkirchen.

 **JUNGHEINRICH**