



Hand pallet truck with scales

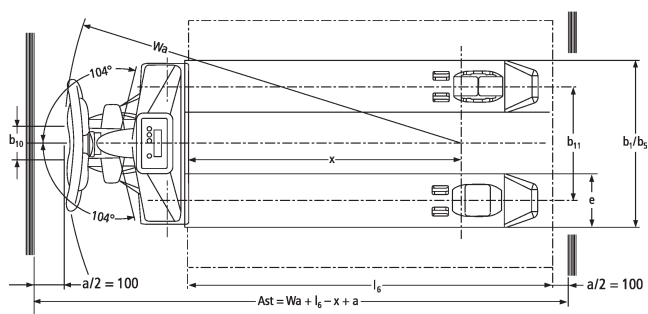
AMW 22 / 22p

Lift height: 122 mm / Load capacity: 2200 kg

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Technical drawing of a crane with a counterweight. The drawing shows the crane's structure, including the boom, counterweight, and wheels. Key dimensions and forces are labeled:

- h_{14} : Total height of the crane structure.
- (y) : Horizontal distance from the crane's base to the center of gravity of the counterweight.
- c : Horizontal distance from the crane's base to the point of application of the force Q .
- Q : Downward force applied at the end of the boom.
- 674 : Vertical distance from the crane's base to the center of gravity of the counterweight.
- m : Mass of the counterweight.
- s : Small vertical distance between the counterweight's center of gravity and the boom's attachment point.
- h_{13} : Height of the counterweight's center of gravity above the ground.
- h_1 : Height of the crane's base above the ground.
- h_2 : Height of the crane's base above the ground.
- y : Horizontal distance from the crane's base to the counterweight's center of gravity.
- l_2 : Horizontal distance from the crane's base to the counterweight's center of gravity.
- l_1 : Total horizontal distance from the crane's base to the counterweight's center of gravity.



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		other (OEM)									
	1.2	Manufacturer's type designation		AMW 22 / p									
	1.3	Drive		Manual									
	1.4	Operation		Manual									
	1.5	Load capacity/load	Q	kg	2200								
	1.6	Load centre distance	c	mm	600								
	1.9	Wheelbase	y	mm	1110								
Weights	2.1	tare weight	kg		99			102					
	2.2	Axle load laden front/rear	kg		578 / 1721								
	2.3	Axle load unladen front/rear	kg		61 / 38								
Wheels/suspension system	3.1	Tyres			C-BV	V-GV	C-GV	V-BV	C-GV	C-BV	V-GV	V-BV	
	3.2	Tyre size, front			Ø 170x50	Ø 170 x 50	Ø 170x50	Ø 170 x 50	Ø 170x50	Ø 170 x 50	Ø 170 x 50	Ø 170x50	
	3.3	Tyre size, rear			Ø 82x96	Ø 82 x 96	Ø 82x96	Ø 82 x 96	Ø 82x96	Ø 82 x 96	Ø 82 x 96	Ø 82x96	
	3.5	Wheels, number front/back (x=driven)			2/2								
	3.6	Tread width, front	b10	mm	109								
	3.7	Tread width, rear	b11	mm	370								
Basic dimensions	4.4	Lift (h3)	h3	mm	122								
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1234								
	4.15	Height, lowered	h13	mm	86								
	4.19	total length	l1	mm	1546								
	4.20	Length including fork shank	l2	mm	396								
	4.21.1	total width	b1	mm	540								
	4.22	Fork dimensions	s/ e/l	mm	62 x 170 x 1150								
	4.25	Width across forks	b5	mm	540								
	4.32	Ground clearance centre of wheelbase	m2	mm	24								
	4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast	mm	1763								
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	1813								
	4.35	Turning radius	Wa	mm	1303								
Performance data	5.3	Lowering speed laden/unladen	m/s		0.09 / 0.02								

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

ISO 9001
ISO 14001

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