

**Precision weighing technology for warehouse, production and despatch**

**Simple operation**

**Weighing precision at least 99.9% of weighed load**

**Operating element suitable for both left and right-handed operators**

**Fast lift supplied as standard**



## **AMW 22.2/22.4**

### **Hand pallet truck with weighing device (2200 kg)**

The hand pallet trucks AMW 22.2 and AMW 22.4 are mobile weighing devices for warehouse, production and despatch. Wherever goods have to be weighed and transported, the AMW is the ideal solution, working on the principle of bringing the weigh scales to the goods.

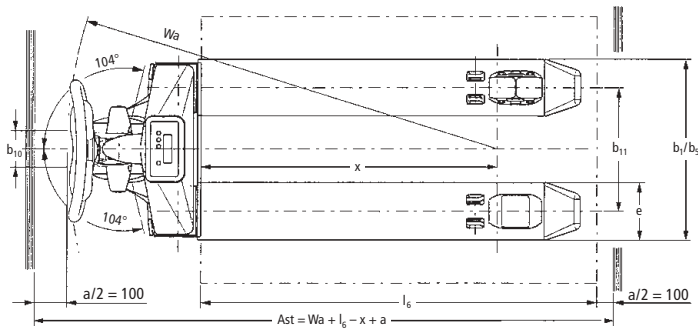
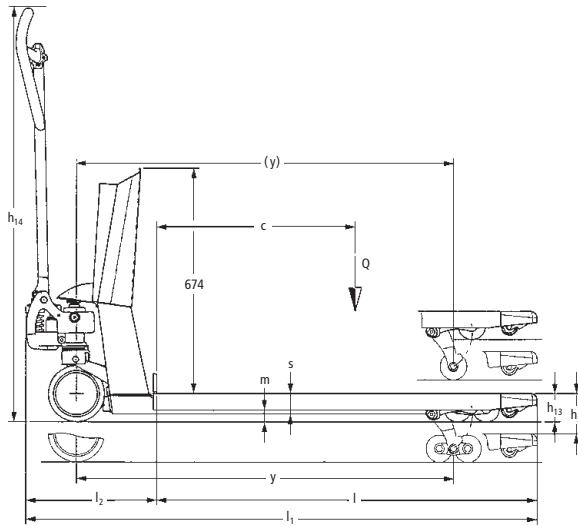
The weighing device with a number of functions facilitates optimum adjustment

to any application. Other advantages: simple operation, exact weight recording even if positioned at a slant (up to 2°) and at minimum tolerance range of the weighed weight (99.9% of weighed load).

Added to the simple operation of the weighing device is the effortless working of the lift/lowering function: the operating element is ideally suited for both left

and right-handed operators. The special lowering valve facilitates loads up to 1t to be lowered particularly sensitively and evenly. Added to this is the standard fast lift (up to 120 kg): only three pump strokes are required to lift the Euro pallet off the floor; maximum lift height is achieved in only 5 pumpstrokes.

# AMW 22.2/22.4



# Technical Data in line with VDI 2198 as at: 09/2005

Identification	1.1	Manufacturer (abbreviation)	Jungheinrich	1.1
	1.2	Manufacturer's type designation	<b>AMW 22.2/22.4</b>	1.2
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual)	manual	1.3
	1.4	Type of operation: manual, pedestrian, standing, seated, order picking	hand	1.4
	1.5	Load capacity/rated load Q (t)	2.2	1.5
	1.6	Load centre distance c (mm)	600	1.6
	1.8	Load distance, centre of drive axle to fork x (mm)	890	1.8
	1.9	Wheelbase y (mm)	1110	1.9
	Weights	2.1	Service weight kg	99
2.2		Axle loading, laden front/rear kg	578/1721	2.2
2.3		Axle loading, unladen front/rear kg	61/38	2.3
Wheels, Chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	C; V; N	3.1
	3.2	Tyre size, front	170 x 44	3.2
	3.3	Tyre size, rear	82 x 96/82 x 62	3.3
	3.5	Wheels, number front/rear (x = driven wheels)	2/2 or 2/4	3.5
	3.6	Track width, front	109	3.6
	3.7	Track width, rear b <sub>11</sub> (mm)	370	3.7
	Basic Dimensions	4.4	Lift height h <sub>3</sub> (mm)	122
4.9		Height of tiller in drive position min./max. h <sub>14</sub> (mm)	1234	4.9
4.15		Lowered height h <sub>13</sub> (mm)	86	4.15
4.19		Overall length (without load) l <sub>1</sub> (mm)	1546 <sup>1)</sup>	4.19
4.20		Length to face of forks l <sub>2</sub> (mm)	396	4.20
4.21		Overall width b <sub>1</sub> /b <sub>2</sub> (mm)	540/690	4.21
4.22		Fork dimensions s/e/l (mm)	62/170/1150	4.22
4.25		Width over forks b <sub>5</sub> (mm)	540/690	4.25
4.32		Ground clearance, centre of wheelbase m <sub>2</sub> (mm)	24	4.32
4.34		Aisle width for pallets 800 x 1200 lengthways Ast (mm)	1706	4.34
4.35		Turning radius Wa (mm)	1303	4.35
Performance Data		5.3	Lowering speed, laden/unladen m/s	0.09/0.02
E-Motor	6.4	Battery voltage, nominal capacity K <sub>5</sub> V/Ah	12/1.2	6.4

1) at forklength 1150 mm

# Make use of the advantages

## Easy to handle

The smooth running operating element is equally suitable for left and right-handed operators. The special lowering valve facilitates loads up to 1t to be lowered particularly sensitively and evenly. The standard fast lift (up to 120 kg) ensures that Euro pallets are lifted off the floor with only three pump strokes. Maximum lift height is achieved in only 5 pump strokes.

## Optimum legibility

LC displays for all-round anti-glare reading. The tool-free removal of the battery module facilitates effortless charging. An external charging station is supplied as standard.

## Maximum precision

The weighing cells are positioned at the four end points of the forks and ensure extremely precise weight recording. The maximum deviation of the weighed weight at a slanted position of up to 2° is 0.1%. The weighing device is also available as a calibrating model (optional).

## Thoroughly robust

Maximum stability is achieved through the well proven fork construction. Electronics and display are protected against dust and water (protection class IP 65).



Smooth running operating element



Version AMW 22.2

## Application specific

Two different types of pallet trucks with weighing device are available to ensure an optimum, economic solution for every application.

### Standard performance characteristics

#### AMW 22.2:

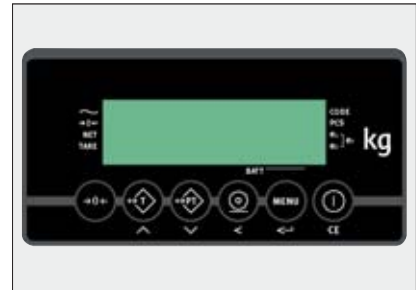
- 2200 kg weighing capacity.
- Fast lift.
- Automatic multi-range display.

Measuring interval	Measuring range
0.2 kg	up to 200 kg
0.5 kg	up to 500 kg
1.0 kg	up to 2200 kg

- After weight taring, the LC display is automatically adjusted to the lower weight.
- 0.1% maximum deviation from the weighted weight.
- Protected from moisture and dust (protection type IP 65).
- Automatic zero correction, also via keyboard.
- Taring over the entire weighing range.
- Addition memory and number of weighing activities.
- 35 hours operating time.
- Automatic switch-off after one hour without activities.

### Special equipment (optional) AMW 22.2:

- Calibrating model class III (EU registration No. T 2782).



Version AMW 22.4

- Integrated printer without date/time.
- Additional battery module.
- Swivelling display.
- Special fork dimensions.
- High-grade steel forks.
- High-grade steel version.
- Galvanised version.
- Parking brake, service brake.
- Serial data output RS 232.

### Standard performance characteristics

#### AMW 22.4

(in addition to AMW 22.2 functions):

- 15 hours operating time.
- Automatic switch-off after 30 minutes without activities.
- 6-digit codes.
- Unit counter with known unit weight.
- Memory for 10 last entered values.
- Date/time.
- 10-stage battery discharge display.

### Special equipment (optional) AMW 22.4:

- Integrated printer with date/time.
- Increased measuring precision.

Measuring interval	Measuring range
0,1 kg	up to 250 kg
0,2 kg	up to 400 kg
0,5 kg	up to 2000 kg

- Relay outlet to potential-free switching.

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ISO 9001, ISO 14001  
 Certification of Quality and  
 Environment Management.



Jungheinrich trucks  
 conform to the European  
 Safety Requirements.



**JUNGHEINRICH**  
*Well worthwhile*