

Transporting up to 1400 kg loads in light to medium-duty applications

Ergonomically designed tiller can be operated with either hand

Maintenance-free gel batteries with on-board charger

Side support rollers provide excellent stability



EME 114

Electric pedestrian pallet truck (1400 kg)

The Jungheinrich EME 114 is the entry level model in our market leading electric powered pallet truck range – transporting loads and pallets with minimal effort.

With its short chassis length the EME is ideal for operating in confined areas. The

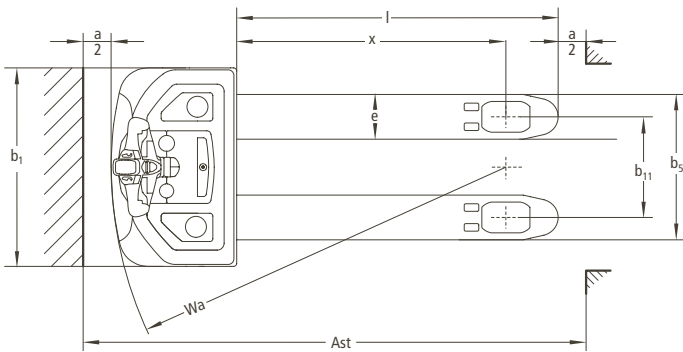
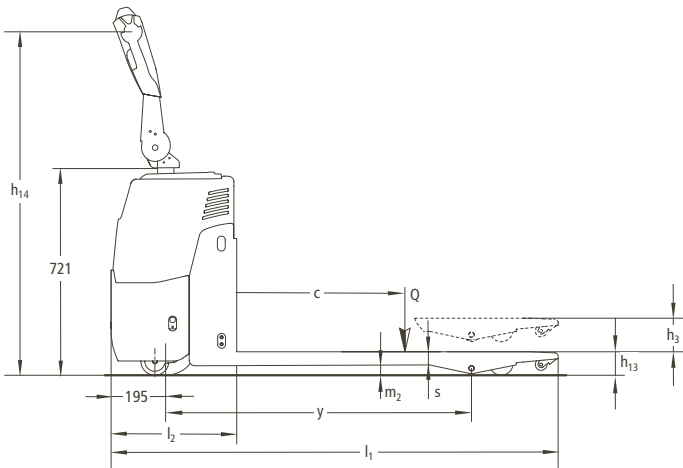
two support rollers positioned either side of the drive wheel give excellent stability.

The ergonomically designed tiller can be operated with either hand, providing maximum operating comfort. The maintenance-free gel battery, on-board charger

and numerous storage compartments allows particularly easy operation during the working day.

And not least the design makes the EME the ideal truck for applications in retail sales areas like supermarkets and DIY stores.

EME 114



Technical data in line with VDI 2198 as at: 12/2009

Identification	1.1	Manufacturer (abbreviation)	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	1.1
	1.2	Manufacturer's type designation	EME 114	EME 114	EME 114	EME 114	1.2
	1.3	Drive	electric	electric	electric	electric	1.3
	1.4	Operator type	pedestrian	pedestrian	pedestrian	pedestrian	1.4
	1.5	Load capacity/rated load Q (t)	1.4	1.4	1.4	1.4	1.5
	1.6	Load centre distance c (mm)	600	600	500	500	1.6
	1.8	Load distance (Centre of load axle to fork face) x (mm)	963	963	813	813	1.8
	1.9	Wheelbase y (mm)	1217 ¹⁾	1217 ¹⁾	1067 ¹⁾	1067 ¹⁾	1.9
	Weights	2.1	Service weight kg	244	244	240	240
2.2		Axle loading, laden front/rear kg	608/1050	608/1050	608/1045	608/1045	2.2
2.3		Axle loading, unladen front/rear kg	248/50	248/50	243/50	243/50	2.3
Wheels, Chassis	3.1	Tyres	polyurethane	polyurethane	polyurethane	polyurethane	3.1
	3.2	Tyre size, front mm	252 x 89	252 x 89	252 x 89	252 x 89	3.2
	3.3	Tyre size, rear mm	84 x 93	84 x 93	84 x 93	84 x 93	3.3
	3.4	Additional wheels (dimensions)	100 x 40	100 x 40	100 x 40	100 x 40	3.4
	3.5	Wheels, number front rear (x = driven wheels)	1x + 2/2	1x + 2/2	1x + 2/2	1x + 2/2	3.5
	3.6	Track width, front b ₁₀ (mm)	490	490	490	490	3.6
	3.7	Track width, rear b ₁₁ (mm)	360	490	360	490	3.7
Basic Dimensions	4.4	Lift (standard mast) h ₃ (mm)	120	120	120	120	4.4
	4.9	Height of tiller in drive position min./max. h ₁₄ (mm)	890/1265	890/1265	890/1265	890/1265	4.9
	4.15	Height, lowered h ₁₃ (mm)	85	85	85	85	4.15
	4.19	Overall length l ₁ (mm)	1600	1600	1450	1450	4.19
	4.20	Length to face of forks l ₂ (mm)	450	450	450	450	4.20
	4.21	Overall width b ₁ /b ₂ (mm)	710/-	710/-	710/-	700/-	4.21
	4.22	Fork dimensions s/e/l (mm)	47/160/1150	47/160/1150	47/160/1000	47/160/1000	4.22
	4.25	Width across forks b ₅ (mm)	520	650	520	650	4.25
	4.32	Ground clearance, centre of wheelbase m ₂ (mm)	34	34	34	34	4.32
	4.33	Aisle width for pallets 1000x1200 crossways Ast (mm)	2222	2222	2100	2100	4.33
	4.34	Aisle width for pallets 800x1200 lengthways Ast (mm)	2085	2085	2026	2026	4.34
4.35	Turning radius Wa (mm)	1420 ²⁾	1420 ²⁾	1270 ²⁾	1270 ²⁾	4.35	
Performance Data	5.1	Travel speed, laden/unladen km/h	5.1/5.3	5.1/5.3	5.1/5.3	5.1/5.3	5.1
	5.2	Lift speed, laden/unladen m/s	0.03/0.03	0.03/0.03	0.03/0.03	0.03/0.03	5.2
	5.3	Lowering speed, laden/unladen m/s	0.04/0.03	0.04/0.03	0.04/0.03	0.04/0.03	5.3
	5.7	Gradeability, laden/unladen %	3/6	3/6	3/6	3/6	5.7
	5.8	Max. gradeability, laden/unladen %	5/8	5/8	5/8	5/8	5.8
	5.10	Service brake	electromagnetic	electromagnetic	electromagnetic	electromagnetic	5.10
E-Motor	6.1	Drive motor rating S ₂ 60 min kW	1	1	1	1	6.1
	6.2	Lift motor rating at S ₃ 15% kW	0.8	0.8	0.8	0.8	6.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no	no	no	no	no	6.3
	6.4	Battery voltage, nominal capacity K5 V/Ah	2x12/63	2x12/63	2x12/63	2x12/63	6.4
	6.5	Battery weight kg	46	46	46	46	6.5
	6.6	Energy consumption acc. to VDI cycle kWh/h	0.8	0.8	0.8	0.8	6.6
Others	8.4	Sound level at the driver's ear according to EN 12 053 dB(A)	63	63	63	63	8.4

- 1) load section lowered/raised -58 mm
2) diagonal in accordance with VDI + 200 mm

Make use of the advantages



Your first investment in powered trucks

Your first investment in powered trucks

The EME 114 represents the step up from a hand pallet truck to a powered pallet truck. The 1 kW motor provides easy operation when it comes to transporting pallets and loads up to 1.4 tonnes. Over short to medium distances this makes it the ideal assistant for occasional picking and transporting.

Compact and manoeuvrable

The short chassis length (450 mm) and width (710 mm) allows the EME to operate in tight areas. This makes the EME 114 extremely compact and easy to steer in confined areas.



Compact and manoeuvrable

Optimum energy management

- Two maintenance-free 63 Ah/12 volt gel batteries.
- Discharge indicator.
- On-board charger that can be plugged into any 13 Amp plug socket.
- Hour meter.

Safety and ergonomics

- Tiller can be operated with either hand.
- Crawl speed button for safe control in confined areas.
- Numerous storage compartments.
- Support rollers ensure maximum stability.



Optimal energy management



Ergonomic tiller

Options

- Two widths over forks (520/650mm).
- Two fork lengths (1000/1150mm).

Jungheinrich UK Ltd.

Head Office:

Sherbourne House · Sherbourne Drive
Tilbrook · Milton Keynes MK7 8HX
Phone 01908 363100
Fax 01908 363180

info@jungheinrich.co.uk
www.jungheinrich.co.uk



Jungheinrich trucks conform to the European Safety Requirements.



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