

Compact and comfortable design ensures flexibility and manoeuvrability

Efficient drive concept for maximum performance

The correct configuration for your use

Intelligent assistance systems to optimise your operations



## ERE 120/125/225

### Electric powered pallet truck (2,000/2,500 kg)

The ERE combines compact manoeuvrability with the comfort of a stand-on truck and is therefore ideal for performance-oriented use when loading and unloading HGVs, as well as for the transport of heavy loads over distance and the order picking of a wide variety of goods.

A modular system is available for customer-specific adaptation to the respective application. This enables the ERE to be individually adapted and optimised to the requirements. This facilitates the faster and more efficient transport of goods.

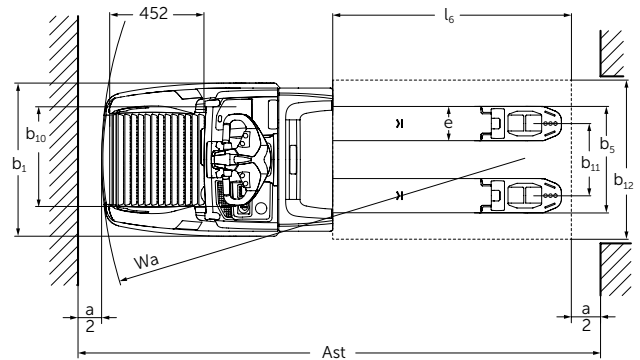
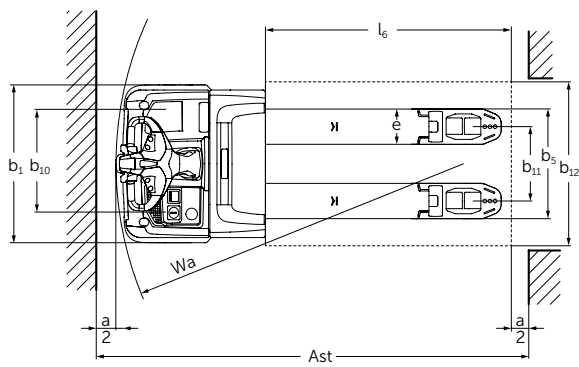
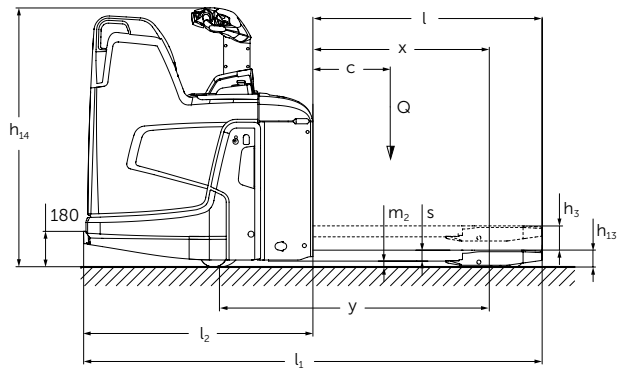
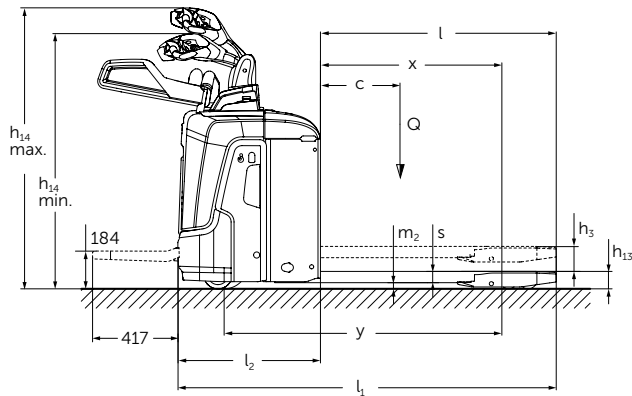
Using positionCONTROL (optional) can also increase productivity by up to 15%. In addition to the productivity, the focus is also on ergonomic aspects, particularly the fulfilment of various operator requirements. Different stand-on platform variants with innovative

operating concepts offer the perfect prerequisite for this to be achieved.

Numerous additional options and the robust design of the trucks make work easier, increase the safety of the operator and truck and reduce the vibrations experienced by the operator. In addition to the innovative platform suspension, the complete drive unit is spring loaded with ShockProtect to reduce shocks and impacts.

The ERE handles this more efficiently than any other truck in its class. An optimised truck setup facilitates extra-long operating times and guarantees maximum throughput with energy savings of up to 33 percent. The additional equipment packages, drivePLUS and drive&ecoPLUS allow for the even faster and more energy-saving transport of goods.

# ERE 120/125/225



# Technical data in line with VDI 2198

				Jungheinrich				
Identification	1.1	Manufacturer (abbreviation)						
	1.2	Model		ERE 120	ERE 125	ERE 225	ERE 225 drivePLUS	
	1.3	Drive		Electric				
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		tiller				
	1.5	Load capacity/rated load	Q	t	2	2.5	2.5	2.5
	1.6	Load centre distance	c	mm	600			
	1.8	Load distance	x	mm	908 <sup>4)</sup>			
	1.9	Wheelbase	y	mm	1,378 / 1,450 <sup>4)8)</sup>			
Weights	2.1	Service weight		kg	400 <sup>7)</sup>	404 <sup>7)</sup>	404 <sup>7)</sup>	404 <sup>7)</sup>
	2.2	Axle load with load front/rear		kg	1,825 / 795	2,090 / 1,126	2,090 / 1,126	2,090 / 1,126
	2.3	Axle load without load front/rear		kg	138 / 474	159 / 550	159 / 550	159 / 550
Wheels / frame	3.1	Tyres		Vulkollan/PU + quartz / Vulkollan				
	3.2	Tyre size, front		mm	Ø 230 x 65	Ø 230 x 77	Ø 230 x 77	Ø 230 x 77
	3.3	Tyre size, rear		mm	Ø 85 x 110 / Ø 85 x 85			
	3.4	Additional wheels (dimensions)		mm	Ø 140 x 57			
	3.5	Wheels, number front/rear (x = driven wheels)			1x +2/2 or 4			
	3.6	Tread width, front	b <sub>10</sub>	mm	363			
	3.7	Tread width, rear	b <sub>11</sub>	mm	512			
Basic dimensions	4.4	Lift		h <sub>3</sub>	mm	122		
	4.9	Height of tiller in drive position min. / max.		h <sub>14</sub>	mm	1,137 / 1,419		
	4.15	Height, lowered		h <sub>13</sub>	mm	85		
	4.19	Overall length		l <sub>1</sub>	mm	1,847 <sup>5)6)8)9)10)</sup>		
	4.19.1	total length (long)			mm	1,919		
	4.20	Length to face of forks		l <sub>2</sub>	mm	697 / 769 <sup>5)6)8)9)10)</sup>		
	4.21	Overall width		b <sub>1</sub> /b <sub>2</sub>	mm	770		
	4.22	Fork dimensions		s/e/l	mm	55 / 172 / 1,150		
	4.25	Width across forks		b <sub>5</sub>	mm	535 <sup>1)</sup>		
	4.32	Ground clearance, centre of wheelbase		m <sub>2</sub>	mm	30		
	4.33	Aisle width for pallets 1000 x 1200 sideways		Ast	mm	1,919 / 1,987 <sup>3)4)5)6)8)9)10)</sup>		
	4.34	Aisle width for pallets 800 x 1200 lengthways		Ast	mm	2,189 / 2,259 <sup>2)4)5)6)8)9)10)</sup>		
4.35	Turning radius		W <sub>a</sub>	mm	1,625 <sup>4)</sup>			
4.35.2	turning radius in crawl speed			mm	1,695			
Performance data	5.1	Travel speed, laden/unladen		km/h	8 / 9	9 / 9	9.5 / 12.5	9.5 / 14
	5.2	Lift speed, laden/unladen		m/s	0.04 / 0.04	0.05 / 0.07	0.05 / 0.07	0.05 / 0.07
	5.3	Lowering speed, laden/unladen		m/s	0.05 / 0.04	0.05 / 0.05	0.05 / 0.05	0.05 / 0.05
	5.8	Max. gradeability, laden/unladen		%	8 / 16			
	5.10	Service brake			regenerative			
Electrics	6.1	Drive motor, output S2 60 min.		kW	2.0	2.8	2.8	3.2
	6.2	Lift motor rating at S2 Xx		kW	0			
	6.2	Lift motor rating at S3 10%		kW	2.2			
	6.3	Battery as per DIN 43531 / 35/36 A, B, C, no			B			
	6.4	Battery voltage/nominal capacity K5		V/Ah	24 / 250			
	6.5	Battery weight		kg	230			
	6.6	Energy consumption according to VDI cycle		kWh/h	0.45	0.42	0.42	0.42
	6.7	Throughput		t/h	142	177.5	184	222
6.8	Energy consumption at max. throughput		kWh/h	1.11	1.29	1.29	1.89	
Misc.	8.4	Sound pressure level at operator's ear as per EN 12053		dB (A)	63	63	64	67

<sup>1)</sup> additional dimensions available<sup>2)</sup> Diagonal as per VDI: + 205 mm<sup>3)</sup> Diagonal in accordance with VDI: + 369 mm<sup>4)</sup> Load section lowered: + 56 mm<sup>5)</sup> With compact platform: + 357 mm<sup>6)</sup> With extended platform: + 472 mm<sup>7)</sup> with lateral battery exchange: + 25 kg<sup>8)</sup> with lateral battery exchange: + 72 mm<sup>9)</sup> With L platform: + 478 mm<sup>10)</sup> With platform folded down: + 416 mm

# Benefit from the advantages



compact stand-on platform with adjustable cushioning



Storage facilities and on-board chargers



Outdoor use



dayLED

## The correct configuration for your use

- From entry-level to high-performance truck.
- Individual selection of different stand-on platform variants.
- Adapted speeds for optimum goods throughput: 6, 9, 12.5, 14 km/h.
- Capacities from 2 to 2.5 t.
- Mechanical or electric steering, dependent on the application requirements.

## Powerful and efficient drive concept for maximum productivity

- Powerful acceleration and high top speed.
- The drivePLUS equipment package facilitates even greater driving performance as well as load-dependent curveCONTROL and a load indicator
- Optional equipment package: drive&ecoPLUS for additional energy saving.
- Regenerative braking with energy recovery.

## Intelligent assistance systems to simplify your work processes

- 15% improvement in productivity due to the optionally available positionCONTROL: Predefined lift heights reduce lift times and simultaneously a free lift of the pallet is achieved by means of a single lift.
- Optimised pallet transport due to the palletCONTROL option: This recognises empty runs and adjusts the drive parameters accordingly; simultaneously it signals the operator regarding the correct positioning of transverse pallets.

## Solutions for safe and ergonomic work

- Four different stand-on platform variants.
- Additional cushioned stand-on platform with individual and simple adjustment options.
- Optional height adjustment and cushioning of the various controls.
- Optimised and safe cornering speed due to curveCONTROL.
- Various practical storage trays.
- Reflectors integrated as standard for increased visibility.
- Integrated dayLED daytime running lights for better visibility in poorly lit areas (optional).

- Operator protection: Active feet protection to reduce the travel speed of the truck (optional).

## All-round worry-free performance thanks to lithium-ion technology

- High availability due to extremely short charging times: The battery can be charged to 50% with just 30 minutes of intermediate charging, while a full charge is achieved after 80 minutes.
- No battery replacement required.
- Cost savings due to longer service life and low maintenance compared with lead-acid batteries.
- No charging rooms and ventilation required as there is no build up of gas.
- Optional availability of an external convenient charging socket.

## Additional optional equipment

A comprehensive range of accessories allows for individual adaptation to your application:

- Sturdy, universally applicable options bracket, e.g. for radio data transmission components.
- Outdoor package.
- silentDRIVE for even quieter processing of the goods.

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The German production facilities in Norderstedt, Moosburg and Landsberg are certified. ISO 9001 ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.



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