Flexible and agile

Efficient drive concept

Individually adjustable

Intelligent assistance systems

ERE 120/125/225/230

Electric powered ride-on pallet truck (2,000/2,500/3,000 kg)

The ERE combines compact manoeuvrability with the comfort of a ride-on truck. It is therefore the ideal truck for high-performance loading and unloading of HGVs, the transport of high loads over distance and the order picking of a wide variety of goods.

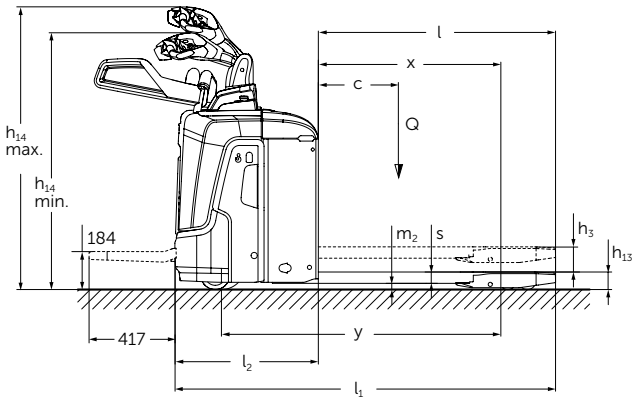
A modular system is available for adaptation to customer-specific application. Consequently, the transport of goods is even quicker and more efficient.

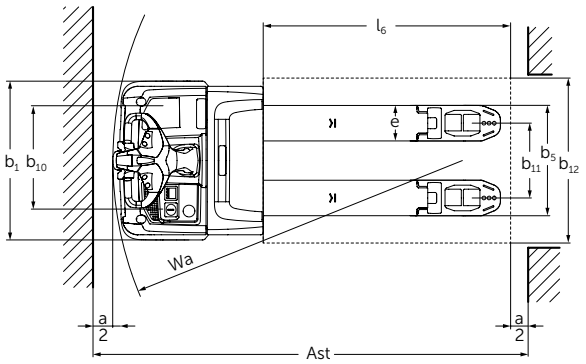
Using positionCONTROL (optional) can also increase productivity by up to 15%. In addition to productivity, the focus is also on ergonomics, particularly the for various operator requirements. Different stand-on platform variants with innovative operating concepts offer the perfect features to achieve this.

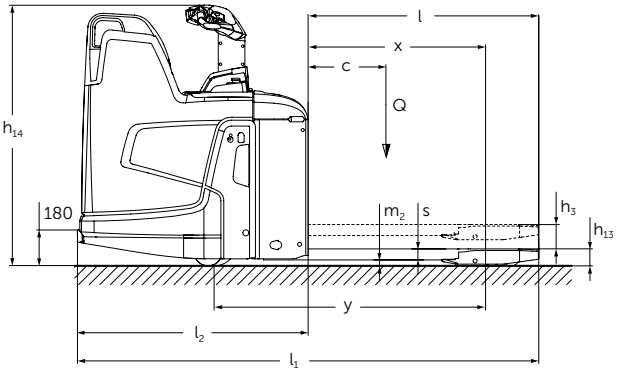
Numerous additional options and the robust design of the trucks make work easier, increase the safety of the operator and truck and reduce vibrations experienced by the operator. In addition to the innovative platform suspension, the complete drive unit is spring loaded with shockPROTECT to reduce shocks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

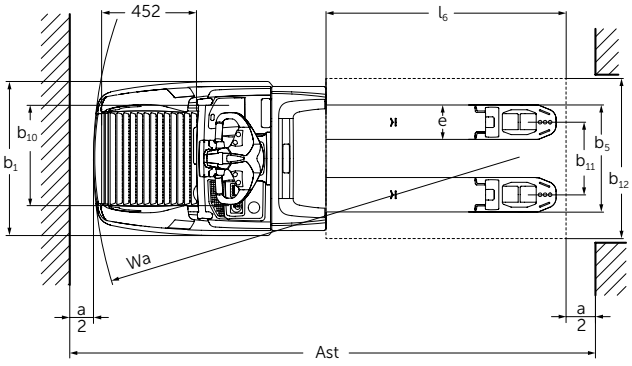
The ERE handles this more efficiently than any other truck in its class. An optimised truck setup facilitates extra-long operating times and guarantees maximum throughput with an energy saving of up to 33%. The additional options packages drivePLUS and drive&ecoPLUS allow for even faster and efficient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

ERE 120/125/225/230









ERE 120/125/225/230

Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)			Jungheinrich		
	1.2	Manufacturer's type designation			**ERE 120**	**ERE 120**	**ERE 125**
	1.3	Drive			Electric		
	1.4	Operator type: manual, pedestrian, stand-on, seated, order picker			tiller		
	1.5	Load capacity/rated load	Q	t	2	2	2.5
	1.6	Load centre distance	c	mm	600		
	1.8	Load distance, centre of drive axle to fork	x	mm	908[4)]		
	1.9	Wheelbase	y	mm	1,378 / 1,450[4)8)]	1,378 / 1,450[4)9)]	1,378 / 1,450[4)9)]
Weights	2.1	Net weight		kg	400[7)]	400[7)]	404[7)]
	2.2	Axle loading, laden front/rear		kg	1,825 / 795	1,825 / 795	2,090 / 1,126
	2.3	Axle loading, unladen front/rear		kg	138 / 474	138 / 474	159 / 550
Wheels / frame	3.1	Tyres			Vulkollan/PU + quartz/Vulkollan		
	3.2	Tyre size, front		mm	Ø 230 x 65	Ø 230 x 65	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_{10}	mm	363		
	3.7	Tread width, rear	b_{11}	mm	512		
Basic dimensions	4.4	Lift	h_3	mm	122		
	4.9	Height of tiller in drive position min. / max.	h_{14}	mm	1,137 / 1,419		
	4.15	Height, lowered	h_{13}	mm	85		
	4.19	Overall length	l_1	mm	1,847[5)11)]	1,847[5)6)9)10)11)]	1,847[5)6)9)10)11)]
	4.19.1	Overall length (long)		mm	1,919		
	4.20	Length to face of forks	l_2	mm	697	697 / 769[5)6)9)10)11)]	697 / 769[5)6)9)10)11)]
	4.21	Overall width	b_1/b_2	mm	770		
	4.22	Fork dimensions	s/e/l	mm	55 / 172 / 1,150		
	4.25	Width across forks	b_5	mm	535[1)]		
	4.32	Ground clearance, centre of wheelbase	m_2	mm	30		
	4.33	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1,919 / 1,987[3)4)5)6)8)10)11)]	1,919 / 1,987[3)4)5)6)9)10)11)]	1,919 / 1,987[3)4)5)6)9)10)11)]
	4.34	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2,189 / 2,259[2)4)8)11)]	2,189 / 2,259[2)4)5)6)9)10)11)]	2,189 / 2,259[2)4)5)6)9)10)11)]
	4.35	Turning radius	W_a	mm	1,625[4)]		
	4.35.2	Turning radius at crawl speed		mm	1,695		
Performance data	5.1	Travel speed, laden/unladen		km/h	6 / 6	8 / 9	9 / 9
	5.2	Lift speed, laden/unladen		m/s	0.04 / 0.04	0.04 / 0.04	0.05 / 0.07
	5.3	Lowering speed, laden/unladen		m/s	0.05 / 0.04	0.05 / 0.04	0.05 / 0.05
	5.8	Max. gradeability, laden/unladen		%	5 / 7	8 / 16	8 / 16
	5.10	Service brake			regenerative		
Electrics	6.1	Drive motor, output S2 60 min.		kW	2.0	2.0	2.8
	6.2	Lift motor, output at S3 10%		kW	1.2	1.2	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 as per EN 16796		kWh/h	0.4	0.43	0.4
		CO- Equivalent as per EN 16796		kg/h	0.2		
	6.7	Throughput		t/h	114	142	156
	6.8	Energy consumption at max. throughput		kWh/h	0.74	1.11	1.18
Misc.	8.4	Sound pressure level at driver's ear as per EN 12053		dB (A)	63		

1) additional dimensions available
2) Diagonal as per VDI: + 205 mm
3) Diagonal as per VDI: + 369 mm
4) Load section lowered: + 56 mm
5) With compact platform: + 357 mm
6) With extended platform: + 472 mm
7) with lateral battery exchange: + 25 kg
8) with lateral battery exchange: + 72 mm
9) With lateral battery exchange: M - M SBE + 72 mm; L - L SBE + 53 mm
10) With L platform: + 478 mm
11) With platform folded down: + 416 mm

In accordance with VDI Guideline 2198, this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)			Jungheinrich			
	1.2	Manufacturer's type designation			**ERE 225**	**ERE 225**	**ERE 230**	**ERE 230**
	1.3	Drive			Electric			
	1.4	Operator type: manual, pedestrian, stand-on, seated, order picker			tiller			
	1.5	Load capacity/rated load	Q	t	2.5	2.5	3	3
	1.6	Load centre distance	c	mm	600			
	1.8	Load distance, centre of drive axle to fork	x	mm	908[5]			
	1.9	Wheelbase	y	mm	1,378 / 1,450[5][10]	1,378 / 1,450[5][10]	1,450[5][9]	1,450[5][9]
Weights	2.1	Net weight		kg	404[8]	404[8]	424[8]	424[8]
	2.1.1	Service weight incl. battery (see row 6.5)		kg	0	0	725	725
	2.2	Axle loading, laden front/rear		kg	2,090 / 1,126	2,090 / 1,126	2,494 / 1,239	2,494 / 1,239
	2.3	Axle loading, unladen front/rear		kg	159 / 550	159 / 550	160 / 565	160 / 565
Wheels / frame	3.1	Tyres			Vulkollan/PU + quartz/Vulkollan			
	3.2	Tyre size, front		mm	Ø 230 x 77			
	3.3	Tyre size, rear		mm	Ø 85 x 110 / Ø 85 x 85	Ø 85 x 110 / Ø 85 x 85	Ø 85 x 85	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	1x +2/2 or 4	1x +2/4	1x +2/4
	3.6	Tread width, front	b_{10}	mm	363			
	3.7	Tread width, rear	b_{11}	mm	512			
Basic dimensions	4.4	Lift	h_3	mm	122			
	4.9	Height of tiller in drive position min. / max.	h_{14}	mm	1,137 / 1,419			
	4.15	Height, lowered	h_{13}	mm	85			
	4.19	Overall length	l_1	mm	1,847[6][7][10][11][12]	1,847[6][7][10][11][12]	1,919[6][7][9][11][12]	1,919[6][7][9][11][12]
	4.19.1	Overall length (long)		mm	1,919	1,919	0	0
	4.20	Length to face of forks	l_2	mm	697 / 769[6][7][10][11][12]	697 / 769[6][7][10][11][12]	769[6][7][9][11][12]	769[6][7][9][11][12]
	4.21	Overall width	b_1/b_2	mm	770			
	4.22	Fork dimensions	s/e/l	mm	55 / 172 / 1,150			
	4.25	Width across forks	b_5	mm	535[2]			
	4.32	Ground clearance, centre of wheelbase	m_2	mm	30			
	4.33	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1,919 /	1,919 /	2,166 /	2,166 /
	4.34	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2,189 /	2,189 /	2,216 /	2,216 /
	4.35	Turning radius	W_a	mm	1,625[5]	1,625[5]	1,725[5]	1,725[5]
	4.35.2	Turning radius at crawl speed		mm	1,695	1,695	1,725	1,795
Performance data	5.1	Travel speed, laden/unladen		km/h	9.5 / 12.5	9.5 / 14	6 / 12.5[1]	6 / 14[1]
	5.2	Lift speed, laden/unladen		m/s	0.05 / 0.07			
	5.3	Lowering speed, laden/unladen		m/s	0.05 / 0.05			
	5.8	Max. gradeability, laden/unladen		%	8 / 16	8 / 16	6 / 16	6 / 16
	5.10	Service brake			regenerative			
Electrics	6.1	Drive motor, output S2 60 min.		kW	2.8	3.2	2.8	3.2
	6.2	Lift motor, output 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	24 / 250	24 / 375	24 / 375
	6.5	Battery weight		kg	230	230	297	297
	6.6	Energy consumption as per EN 16796		kWh/h	0.35	0.39	0	0
		CO- Equivalent as per EN 16796		kg/h	0.2	0.2		
	6.7	Throughput		t/h	184	222	0	0
	6.8	Energy consumption at max. throughput		kWh/h	1.29	1.89	0	0
Misc.	8.4	Sound pressure level at driver's ear as per EN 12053		dB (A)	64	67	64	67

1) 9.5 km/h with 2.5 t load
2) additional dimensions available
3) Diagonal as per VDI: + 205 mm
4) Diagonal as per VDI: + 369 mm
5) Load section lowered: + 56 mm
6) With compact platform: + 357 mm
7) With extended platform: + 472 mm
8) with lateral battery exchange: + 25 kg
9) with lateral battery exchange: + 72 mm
10) With lateral battery exchange: M - M SBE + 72 mm; L - L SBE + 53 mm
11) With L platform: + 478 mm
12) With platform folded down: + 416 mm

In accordance with VDI Guideline 2198, this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

Benefit from the advantages

Compact and sprung stand-on platform, adjustable to weight

Storage facilities and built-in chargers

Outdoor use

dayLED

Individually adjustable

- From entry-level to high-performance truck.
- Individual selection of different stand-on platform variants.
- Optimum goods throughput due to adaptable speeds – 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 options package provides greater driving performance, load-dependent curveCONTROL as well as a load indicator.
- Additional energy savings with optional drive&ecoPLUS options package.
- Regenerative braking with energy recovery.

Intelligent assistance systems

- 15% increase in productivity due to the optionally available positionCONTROL – lift times are reduced by predefined lift heights and at the same time free lift of the pallet is achieved by means of a single lift.
- Optimised pallet transport thanks to the palletCONTROL option – empty runs are recognised and drive parameters adjusted accordingly; simultaneously the operator is signalled regarding the correct positioning of transverse pallets.

Solutions for safe and ergonomic work

- 4 different stand-on platform variants.
- Additional sprung stand-on platform with individual and simple adjustment options.
- Optional height adjustment and cushioning of the various controls.
- Optimised, safe cornering speed due to curveCONTROL.
- Various practical storage trays.
- Reflectors integrated as standard for increased visibility.
- Optional integrated dayLED daytime running lights provide better visibility in poorly lit areas.
- Operator protection – optional active feet protection to reduce the travel speed of the truck.

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.
- Optional availability of an external comfort charging socket.

Lithium-ion technology

- High degree of availability thanks to extremely short charging times.
- No battery exchange 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.
- Longer service life with 5-year Jungheinrich guarantee.

Jungheinrich UK Ltd.

Head Office:
Sherbourne House
Sherbourne Drive
Tilbrook
Milton Keynes MK7 8HX
Telephone 01908 363100
Fax 01908 363180

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

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

Jungheinrich fork lift trucks meet European safety requirements. CE

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