

**Comfortable and innovative workplace
for relaxed and safe operation**

**Powerful 3-phase AC drive motor
for excellent travel performance**

**ShockProtect to protect operator,
truck and load**

**Electric tiller steering SmartPilot
for precise and effortless steering**

**Curve Control for increased safety
on corners**



ERE 225

Electric stand-on pallet truck (2500 kg)

The ERE 225 is the perfect truck for high-performance lorry loading and offloading applications and for the quick transport of high loads over longer distances. Due to its higher speed – compared with purely pedestrian trucks – goods throughput and transport are particularly economical.

The workplace is optimally adjusted to the requirements of the operator:

- Innovative operating concept for safe travelling in both forward and reverse direction.
- Excellent protection for the operator due to extra high side panels in the area of the operator compartment.

- Various storage modules as well as a height-adjustable tiller (optional) ensure fatigue-free and ergonomic operation over the entire shift.

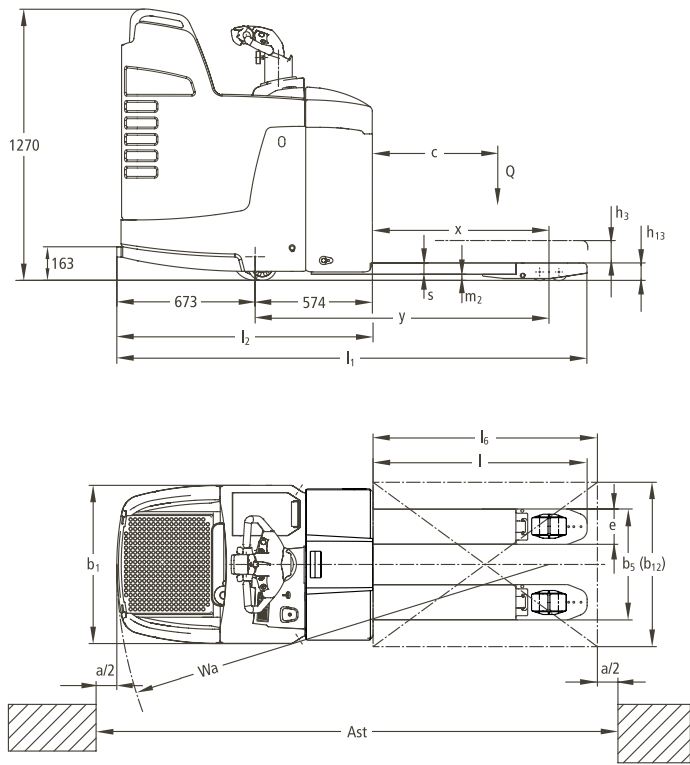
Safety and travel comfort are additional benefits in every situation:

- In addition to the softly cushioned stand-on platform, the entire drive is suspended with "ShockProtect".
- ShockProtect shields the stand-on platform completely against any jolts. The advantage: It eases the strain on the operator's spine. The strain on the ERE 225 chassis and all technical components is considerably reduced.

- The full protected and fixed stand-on platform ensure maximum safety especially in demanding applications or during frequent reverse travel.
- Dependent on the steering angle, the top speed is automatically reduced on corners (Curve Control).

High performance batteries up to 465 Ah are available for high-performance applications on longer distances or on ramps. Sideways battery exit to cover multi-shift applications that cannot be managed with one battery charge is optionally available.

ERE 225



Technical data in line with VDI 2198 as at: 09/2007

Identification	1.1	Manufacturer (abbreviation)		Jungheinrich	1.1
	1.2	Manufacturer's type designation		ERE 225 (fixed platform)	1.2
	1.3	Drive		electric	1.3
	1.4	Operator type		pedestrian	1.4
	1.5	Load capacity/rated load	Q (t)	2.5	1.5
	1.6	Load centre distance	c (mm)	600	1.6
	1.8	Load distance, centre of drive axle to fork	x (mm)	911 ¹⁾	1.8
	1.9	Wheelbase	y (mm)	1484 ¹⁾	1.9
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	850
2.2		Axle loading, laden front/rear	kg	2090/1260	2.2
2.3		Axle loading, unladen front/rear	kg	150/700	2.3
Wheels, Chassis	3.1	Tyres		Vulkollan®	3.1
	3.2	Tyre size, front		85 x 110/85 x 85	3.2
	3.3	Tyre size, rear		230 x 77	3.3
	3.4	Additional wheels (dimensions)		140 x 57	3.4
	3.5	Wheels, number front rear (x = driven wheels)		1x + 2/2 or 4	3.5
	3.6	Tread, front	b ₁₀ (mm)	513	3.7
	3.7	Tread, rear	b ₁₁ (mm)	338/368/498	3.7
Basic Dimensions	4.4	Lift	h ₃ (mm)	122	4.4
	4.9	Height of tiller in drive position min./max.	h ₁₄ (mm)	1267	4.9
	4.15	Height, lowered	h ₁₃ (mm)	85	4.15
	4.19	Overall length	l ₁ (mm)	2397	4.19
	4.20	Length to face of forks	l ₂ (mm)	1247	4.20
	4.21	Overall width	b ₁ /b ₂ (mm)	770	4.21
	4.22	Fork dimensions	s/e/l (mm)	55 x 172 x 1150	4.22
	4.25	Distance between fork-arms	b ₅ (mm)	510 / 540 / 670	4.25
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	30	4.32
	4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st} (mm)	2699 ²⁾	4.33
	4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st} (mm)	2749 ³⁾	4.34
	4.35	Turning radius	W _a (mm)	2260 ¹⁾	4.35
Performance Data	5.1	Travel speed, laden/unladen	km/h	9.5/12.5	5.1
	5.2	Lift speed, laden/unladen	m/s	0.05/0.06	5.2
	5.3	Lowering speed, laden/unladen	m/s	0.055/0.04	5.3
	5.8	Max. gradeability, laden/unladen	%	8/16	5.8
	5.10	Service brake		regenerative	5.10
Electric Engine	6.1	Drive motor rating S ₂ 60 min	kW	2.8	6.1
	6.2	Lift motor rating at S ₃ 10 %	kW	2.2	6.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		B	6.3
	6.4	Battery voltage, nominal capacity K _s	V/Ah	24/345 (465)	6.4
	6.5	Battery	kg	288 (385)	6.5
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.59	6.6
Others	8.1	Type of drive control		AC SpeedControl	8.1
	8.4	Sound level at the driver's ear according to DIN 12 053	dB (A)	66	8.4

- 1) load section lowered: + 55 mm
 2) diagonal acc. to VDI: + 368 mm
 3) diagonal acc. to VDI: + 204 mm

Make use of the advantages

Powerful 3-phase AC drive motor and "intelligent" controller

Progressive drive technology and control electronics (SpeedControl) ensure safe and energy-saving travel characteristics with adjustment opportunities for every application:

- The selected speed on the travel switch is maintained in every travel situation – even on gradients.
- The ERE 225 is automatically braked during unintentional roll-back on ramps.
- Energy reclamation through regenerative braking on reduction of travel speed.



Travel in drive direction with the ERE 225

Safe and ergonomic workplace

The workplace is adjusted to operator and application requirements:

- New type of travel position: When travelling in drive direction, the operator stands sideways with one hand on the tiller and the other hand on the platform handle. He is in full control of his truck.
- The operator position is arranged symmetrically to facilitate easy operation for both right-handed and left-handed operators.
- Many storage modules and clipboard on battery cover and in working platform.



Extensive storage modules

Optimum travel characteristics

- Suspended and cushioned support wheels – connected via torsion bar ProTracLink – ensure safe travel characteristics in every situation.
- Jungheinrich ShockProtect: Protection for operator, truck and load with additionally sprung drive. The spring system reduces heavier jerks for operator and chassis.

Informed at any time

Extensive monitoring instruments reassure the operator that everything is under control at any time:

- Information display "CanDis" (optional) with additional operating hour display and Service code memory.
- Truck activation via PIN with "CanCode" (optional).
- Other adjustment opportunities of travel parameters (optional).

Ergonomic steering

The newly developed tiller head is perfectly adjusted to operator requirements:

- Clear colour system and keys with sunk/raised shape for intuitive operation.
- Contactless sensor system according to protection class IP 65.



Comfortable designed workplace

- Rocker switch for intuitive and safe operation of hydraulic functions.
- Height-adjustable tiller head (optional).

Reduced maintenance

Service-friendly components ensure long-term reduction in operating costs:

- Easy access to all components due to one-piece motor cover without screws.
- Detachable side panelling for unobstructed access to components
- New type of form closure wheel rims – exclusive to Jungheinrich – ensure long service life of load wheels even in the hardest applications.

Long operating hours

Battery capacities with up to 465 Ah ensure long operating times:

- Battery compartment L: 2 EPzS 375 Ah.
- Battery compartment L high: 3 EPzS 465 Ah.
- Sideways battery removal (optional) for fast battery change in multi-shift operations.

Additional equipment

- Entry rollers.
- Load backrest.
- Cold store protection.

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