

ShockProtect to protect the operator, truck and load

Maintenance-free 3-phase AC drive motor provides rapid acceleration and high speed

Compact design ensures flexibility and manoeuvrability

Outstanding stability and optimal driving characteristics thanks to ProTracLink

Multi-shift operation facilitated by lateral battery exchange (optional)



## ERE 120n

### Electric pedestrian pallet truck with stand-on platform (2,000 kg)

You save valuable time with the ERE 120n when transporting goods: with a higher speed in stand-on mode-compared with solely pedestrian operated trucks, goods are cost effectively transported over longer distances.

The compact design of the ERE 120n is especially designed for very confined spaces such as on lorries. Just folding up the stand-on platform and side supports is enough for the ERE 120n to take the tightest corner.

Added to this is safety and operating comfort in every application:

- In addition to the softly sprung stand-on platform, the complete drive is cushioned with "ShockProtect".
- Through ShockProtect, the stand-on platform is completely separated from any vibration. The advantage: the operators spine is protected; there is considerably less stress on the chassis of the ERE 120n.

- The fixed stand-on platform (optional) with full side guards ensures maximum safety, especially during frequent reverse travel.

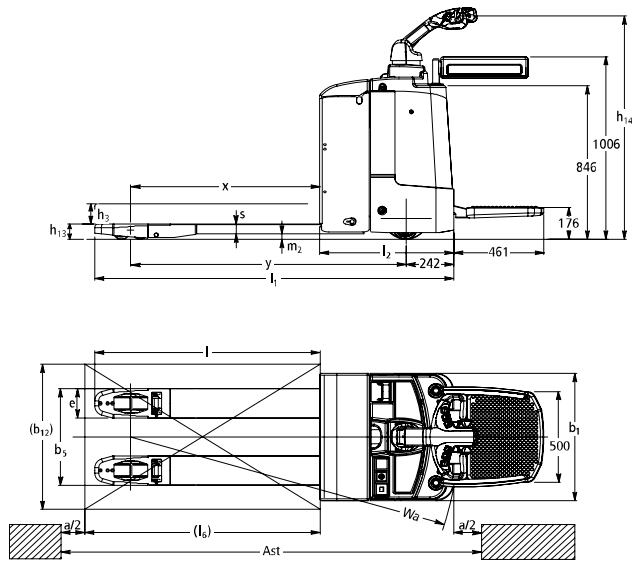
High performance is complemented by the high efficiency of the 1.6 kw 3-phase AC drive motor:

- Maintenance-free through no carbon brushes.
- Integrated energy reclamation during braking.
- Excellent acceleration for high throughput.

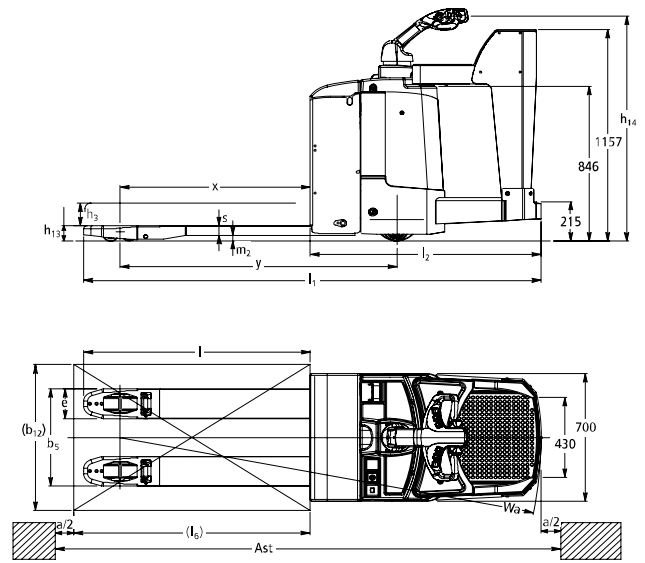
For intensive operation over long distances or on ramps, batteries with capacities up to 375 Ah are available. Where schedules require operation of more than one shift, the 375 Ah battery can be removed from the side (optional) in order to facilitate a faster battery change.

# ERE 120n

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# Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)		Jungheinrich	
	1.2	Model		ERE 120n	
	1.3	Drive		Electric	
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		stand-on/pedestrian	stand-on
	1.5	Load capacity/rated load	Q t	2	
	1.6	Load centre distance	c mm	600	
	1.8	Load distance	x mm	910 <sup>1)</sup>	
	1.9	Wheelbase	y mm	1,350 / 1,422 <sup>1)</sup>	1,422 <sup>1)</sup>
	Weights	2.1.1	Net weight incl. battery (see row 6.5)	kg	758
2.2		Axle load with load front/rear	kg	990 / 1,768	1,064 / 1,720
2.3		Axle load without load front/rear	kg	594 / 164	644 / 140
Wheels / frame	3.1	Tyres		PU	
	3.2	Tyre size, front	mm	Ø 230 x 70	
	3.3	Tyre size, rear	mm	Ø 85 x 100/Ø 82 x 70	
	3.4	Additional wheels (dimensions)	mm	Ø 125 x 54	
	3.5	Wheels, number front/rear (x = driven wheels)		1x+2/2 or 4	
	3.6	Tread width, front	b <sub>10</sub> mm	464	
	3.7	Tread width, rear	b <sub>11</sub> mm	370 / 510	
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	1,130 / 1,450	
	4.15	Height, lowered	h <sub>13</sub> mm	85	
	4.19	Overall length	l <sub>1</sub> mm	1,832	0
	4.19.1	total length (long)	mm	1,904	2,393
	4.20	Length to face of forks	l <sub>2</sub> mm	682 / 754	1,244
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub> mm	700	
	4.22	Fork dimensions	s/e/l mm	55 / 162 / 1,150	55 / 170 / 1,150
	4.25	Width across forks	b <sub>5</sub> mm	530 / 670	
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> mm	30	
	4.33	Aisle width for pallets 1000 x 1200 sideways	A <sub>st</sub> mm	2,056 / 2,128 <sup>3)</sup>	2,594 <sup>3)</sup>
	4.34	Aisle width for pallets 800 x 1200 lengthways	A <sub>st</sub> mm	2,106 / 2,178 <sup>2)</sup>	2,644 <sup>2)</sup>
4.35	Turning radius	W <sub>a</sub> mm	1,616 / 1,686 <sup>1)</sup>	2,154 <sup>1)</sup>	
Performance data	5.1	Travel speed, laden/unladen	km/h	7.5 / 8.5	
	5.2	Lift speed, laden/unladen	m/s	0.05 / 0.06	
	5.3	Lowering speed, laden/unladen	m/s	0.055 / 0.04	
	5.7	Gradeability laden/unladen	%	3 / 6	
	5.8	Max. gradeability, laden/unladen	%	8 / 16	
	5.10	Service brake		regenerative	
Electrics	6.1	Drive motor, output S2 60 min.	kW	1.6	
	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	24 / 375
	6.5	Battery weight	kg	210	290
	6.6	Energy consumption according to VDI cycle	kWh/h	0.55	
Misc.	8.1	Type of drive control		AC speedCONTROL	
	8.4	Sound pressure level at operator's ear as per EN 12053	dB (A)	66	

<sup>1)</sup> Load section lowered: + 55 mm

<sup>2)</sup> Load section lowered: + 55 mm; diagonal in accordance with VDI: + 204 mm

<sup>3)</sup> Load section lowered: + 55 mm; diagonal in accordance with VDI: + 367 mm

# Benefit from the advantages



Protected operator workplace



Choice of fixed or foldable platform



Jungheinrich CanCode and CanDis (optional)

## High performance drive motor and "intelligent" controls

Advanced 3-phase AC drive technology and electronic control (speedCONTROL) ensure safe and economical operation with adjustment for every application.

- The travel speed is maintained in every travel situation-especially on gradients.
- The EREn is automatically braked preventing unintentional roll back on ramps.
- Energy reclamation through regenerative braking on travel speed reduction.

## Flexible options

Two platform designs (foldable/fixed) allow usage in different applications:

### Design 1:

Foldable stand-on platform with side support arms.

- Choice between pedestrian and stand-on operation.
- Reduced travel speed (6.0 km/h) with folded in side supports.

### Design 2:

Fixed stand-on platform with enclosed support guards (optional).

- Exclusively for applications without pedestrian operation.
- Safe standing with side protection

## Compact construction for every application

- Utilisation in confined spaces with narrow chassis (700mm) and short chassis length.
- Safe operation also with heavy loads through robustly designed support arms.
- Low-fatigue operation with ergonomically designed tiller head which has low steering forces.

## Long operating times

Battery capacities up to 375 Ah ensure long operating times:

- Short version: 2 PzS 250Ah
- Long version: 3 PzS 375 Ah

## Optimum travel characteristics

- Sprung loaded side support wheels-connected via Pro-Trac Link secure safe and stable operation in all applications.
- Jungheinrich ShockProtect-protection for operator, truck and load through loaded sprung loaded system reduces vibrations for operator and chassis.

## Well-informed at any time

Extensive driver display gives the operator the feeling of having everything

under control at any time:

- Information display "CanDis" with additional operating hour display and service code memory.
- Activation of truck via PIN through "CanCode" (optional).
- Further adjustment for drive parameters (optional).

## Reduced maintenance

Service-friendly components and easy access ensure reduced long-term operating costs:

- Low wear on side support wheels via levelling adjustment when approaching a ramp at an angle: through a mechanical link, both support wheels are always at the same height. As opposed to a spring-loaded support wheel, they do not hit anything and thus are not damaged.
- Form-closed wheel rims-exclusive to Jungheinrich-ensure a long service life for load wheels, even in the hardest applications.

## Options

- Sideways battery removal (SBE) incl. Battery rollers.
- Cold store design.

## Jungheinrich Lift Truck Singapore Pte Ltd

No. 7 Joo Koon Way  
Singapore 628945  
Tel.: +65 6558 7600  
Fax: +65 6558 7611

info@jungheinrich.com.sg  
www.jungheinrich.com.sg

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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