Shock-Protect provides vibration damping 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 Pro-Trac-Link

Multi-shift operation facilitated by sideways battery exit (optional)

ERE 120

Electric pedestrian pallet truck (2,000 kg)

Use the ERE 120 to increase the productivity of your goods transport. Thanks to the high speed it reaches in ride-on mode, goods can be handled efficiently, comfortably transported over longer distances and also picked as required.

Thanks to its compact design, the ERE 120 combines the manoeuvrability of a pedestrian truck with the speed of a ride-on truck, enabling you to improve the efficiency of your operations. It also features a powerful 24-volt AC drive motor. Its improved efficiency ensures powerful acceleration and high speeds combined with low consumption levels.

Of particular note are the superior safety features as well as the optimum operator comfort in any situation: - In addition to the soft sprung, folding platform, the entire drive system is cushioned with a ShockProtect suspension. The advantage: The vibrations and stress on the operator, goods and truck are significantly reduced. - Safe travel stance when driving due to optional side restraints. These enable a higher speed of 8.5 km/h to be reached when transporting goods over longer distances.

If they are to be used intensively over longer distances or for loading and unloading HGVs, batteries with a capacity of up to 375 Ah are available as well as the option of lateral battery exchange (optional) for multi-shift operation.

JUNGHEINRICH
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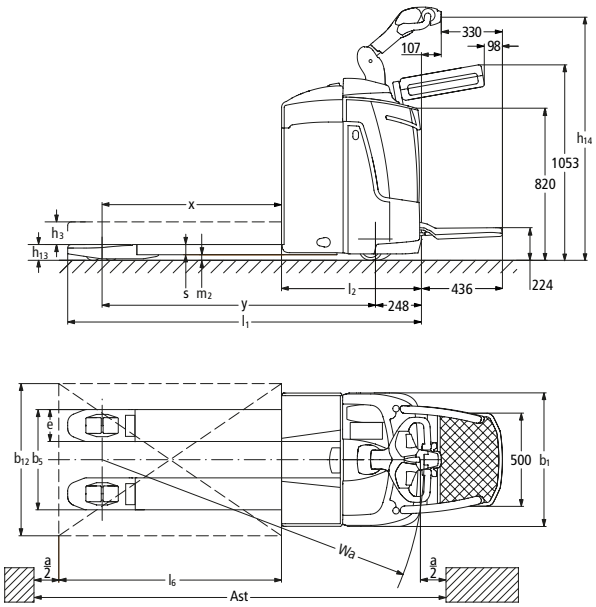
ERE 120


330
107
98
h14
1053
820
x
h3
h13
s
m2
l2
436
224
y
248
l1

e
b12 b5
500
b1
Wa
l6
Ast

Technical data in line with VDI 2198

Identification	1.1	Manufacturer (short form)			Jungheinrich
	1.2	Model			**ERE 120**
	1.3	Drive			Electrics
	1.4	Manual, pedestrian, stand-on, seated, order picker operation			stand-on/pedestrian
	1.5	Load capacity/rated load	Q	t	2
	1.6	Load centre distance	c	mm	600
	1.8	Load distance	x	mm	913[4]
	1.9	Wheelbase	y	mm	1347 / 1419[4][6]
Weights	2.1	Service weight		kg	432
	2.1.1	Net weight incl. battery (see row 6.5)		kg	662
	2.2	Axle load, w. load, front / rear		kg	1485 / 1292
	2.3	Axle load, w.o. load, front / rear		kg	189 / 588
Wheels / chassis	3.1	Tyres			Vulkollan/PU + Quarz/Vulkollan
	3.2	Tyre size, at front		mm	Ø 230 x 70
	3.3	Tyre size, at rear		mm	Ø 85 x 100 / Ø 85 x 85
	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	Track width, front	b_{10}	mm	500
	3.7	Track width, rear	b_{11}	mm	338 / 368 / 498
Basic dimensions	4.4	Lift	h_3	mm	122
	4.9	Height of tiller in drive position min. / max.	h_{14}	mm	1146 / 1428
	4.15	Lowered height	h_{13}	mm	85
	4.19	Overall length	l_1	mm	1834[6]
	4.19.1	total length (long)		mm	1906
	4.20	Length incl. back of forks	l_2	mm	682 / 754[6]
	4.21	Total width	b_1/b_2	mm	720
	4.22	Fork dimensions	s/e/l	mm	55 / 172 / 1150
	4.25	Width over forks	b_5	mm	540[1]
	4.32	Floor clearance centre wheelbase	m_2	mm	30
	4.33	Aisle width for pallets 1000 x 1200 sideways	Ast	mm	2032 / 2104[3][4][5]
	4.34	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2082 / 2154[2][4][5]
	4.35	Turning radius	W_a	mm	1595 / 1688[4]
	4.35.2	turning radius in crawl speed		mm	1667
Performance data	5.1	Travel speed, w. / w.o. load		km/h	7.5 / 8.5
	5.2	Lift speed, w. / w.o. load		m/s	0.04 / 0.04
	5.3	Lower speed, w. / w.o. load		m/s	0.06 / 0.08
	5.7	Gradeability laden/unladen		%	3 / 6
	5.8	Max. gradeability, laden/unladen		%	8 / 16
	5.10	Service brake			generated
Electrics	6.1	Drive motor rating S2 60 min.		kW	1.6
	6.2	Lift motor rating at S3 10%		kW	2.2
	6.3	Battery according to 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	0.47
Misc.	8.1	Type of drive control			impulse control system
	8.4	Sound pressure level at operator's ear according to EN 12053		dB (A)	73

1) additional dimensions available
2) Diagonal according to VDI: + 204 mm
3) Diagonal in accordance with VDI: + 368 mm
4) Load section lowered: 55 mm
5) With platform folded down: + 436 mm
6) With side battery removal: + 72.5 mm

In accordance with VDI Guideline 2198 this specification 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

Intelligent control and powerful 3-phase AC motor

The ERE is equipped with a 3-phase AC drive motor, offering greater performance while simultaneously reducing operating costs. Make the most of these advantages:

- High level of efficiency with excellent energy management.
- Powerful acceleration and high speed.
- Rapid change in direction
- No rolling back on gradients.
- Maintenance-free drive motor.
- Energy recovery through regenerative braking on deceleration.

The truck model can be adapted to the application profile

The truck is available in a number of different models, offering flexible application opportunities:

Model 1: Folding stand-on platform without restraint system

- Pedestrian mode.
- Speed of 4.5km/h when stand-on platform is folded up.
- Speed of 6 km/h when stand-on platform is folded down.

Model 2: Folding stand-on platform with restraint system (optional)

- Pedestrian/ride-on mode.
- Speed of 4.5km/h when stand-on platform is folded up and restraint system retracted.
- Speed of 6 km/h when stand-on platform is folded down and restraint system retracted.
- Speed of 8.5km/h when stand-on platform is folded down and restraint system folded out.

Optimum driving characteristics

- ProTracLink: Sprung and cushioned support wheels – linked via a torsion bar – ensure safe handling in all driving conditions.
- ShockProtect: Additional sprung suspension provides protection for the operator, truck and load. Optimally adjusted to the load, the suspension cushions the operator and frame against harder impacts.

Everything at a glance

The optimally configured controls provide the operator with all the information required at a glance at any time:

- CanDis provides information on battery charge status, hourmeter and service code storage (optional).
- CanCode facilitates activation of the truck via PIN, with the opportunity to individually specify authorised operators (optional).
- The adjustment options for the drive parameter settings allow for optimum adaptation to any application (optional).

Reduced maintenance costs

Service-friendly components and ease of access reduce operating costs:

- Easily removable components allow for ease of access to the units.
- Maximum speed only possible when forks are raised (optional). This reduces wear beneath the forks.

Long operating times

Battery capacities of up to 375 Ah guarantee long operating times:

- Battery compartment M: 180/250 Ah
- Battery compartment L: 300/375 Ah
- Lateral battery exchange for both battery compartments (optional).

Additional equipment

- Entry skids and entry rollers.
- Load guard.
- Cold store model.

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