



Electric stand-on pallet truck

ESE 120

Lift height: 125 mm / Load capacity: 2000 kg

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		ESE 120
	1.3	Drive type		electric
	1.4	Operation		Stand-on
	1.5	Load capacity/load	Q kg	2000
	1.6	Load centre distance	c mm	600
	1.8	Load distance, centre of drive axle to fork	x mm	964
	1.9	Wheelbase	y mm	1595
Weights	2.1.1	Service weight (incl. battery)	kg	857
	2.2	Axle load laden front/rear	kg	1840 / 1017
	2.3	Axle load unladen front/rear	kg	215 / 642
Wheels/chassis	3.1	Tyres		Polyurethane (PU)
	3.2	Tyre size, front		Ø 230 x 77
	3.3	Tyre size, rear		Ø 85x85
	3.4	Additional wheels		Ø 140 x 57
	3.5	Wheels, number front/back (x=driven)		2 - 1x / 4
	3.6	Tread width, front	b10 mm	485
	3.7	Tread width, rear	b11 mm	370
Basic dimensions	4.4	Lift (h3)	h3 mm	125
	4.15	Height, lowered	h13 mm	90
	4.19	Total length	l1 mm	2024
	4.20	Length including fork shank	l2 mm	874
	4.21.1	total width	b1 mm	760
	4.22	Fork dimensions	s/e/l mm	55 x 170 x 1150
	4.25	Width across forks	b5 mm	540
	4.32	Ground clearance centre of wheelbase	m2 mm	30
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	2274
	4.35	Turning radius	Wa mm	1838
Performance data	5.1	Travel speed laden/unladen	km/h	10 / 12.5
	5.2	Lift speed laden/unladen	m/s	0.04 / 0.05
	5.3	Lowering speed laden/unladen	m/s	0.07 / 0.05
	5.8	Max. gradeability laden/unladen	%	6 / 12
	5.10	Service brake		generative
Electric motor/electronics	6.1	Drive motor, performance S2 60 min	kW	2.8
	6.2	Lift motor, performance with S3	kW	2
	6.3	Battery according to DIN 43531/35/36		B
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 375
	6.5	Battery weight	kg	297
	6.6	Energy consumption according to VDI cycle	kWh/h	0
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.35
	6.6.2	CO2 equivalent according to EN ISO 23308	kg/h	0.19

Other	8.1	Type of drive control		AC
- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.				

The values in the table apply for the L battery compartment, fork length 1,150 mm, raised support arm lift.

- VDI no. 1.8: lowered load section: $x + 90$ mm.
- VDI no. 1.9: lowered load section: $y + 65$ mm.
- VDI no. 4.20: XL battery compartment: $l_2 + 72$ mm.
- VDI no. 4.34: diagonal as per VDI: aisle width $+ 188$ mm.

The German production facilities in
Norderstedt, Moosburg and Landsberg are
certified as well as our Genuine Parts
Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European
safety requirements.



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