



Electric sideways-seated pallet truck

ESE 533

Lift height: 115 mm / Load capacity: 3300 kg

JUNGHEINRICH

VDI table

Stand-on: 11/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		ESE 533	
	1.3	Drive		Electric	
	1.4	Operation		Seat	
	1.5	Load capacity/load	Q	kg	3300
	1.6	Load centre distance	c	mm	1800
	1.8	Load distance, centre of drive axle to fork	x	mm	2630
	1.9	Wheelbase	y	mm	3770
	Weights	2.1.1	Service weight (incl. battery)		kg
2.2		Axle load laden front/rear		kg	3460 / 3320
2.3		Axle load unladen front/rear		kg	2750 / 730
Wheels/suspension system	3.1	Tyres			Vulkollan®
	3.2	Tyre size, front			Ø 343 x 140
	3.3	Tyre size, rear			Ø 90 x 100
	3.5	Wheels, number front/back (x=driven)			2x / 4
	3.6	Tread width, front	b ₁₀	mm	592
	3.7	Tread width, rear	b ₁₁	mm	380
	Basic dimensions	4.4	Lift (h ₃)	h ₃	mm
4.8		Seat height/stand height	h ₇	mm	1470
4.15		Height, lowered	h ₁₃	mm	95
4.20		Length including fork shank	l ₂	mm	1295
4.21.1		Overall width	b ₁	mm	1000
4.22		Fork dimensions	s/e/l	mm	70 x 200 x 3600
4.25		Width across forks	b ₅	mm	580
4.32		Ground clearance centre of wheelbase	m ₂	mm	20
4.34.1		Aisle width (pallet 800x1200 length)	A _{st}	mm	5196
4.35		Turning radius	W _a	mm	3982
Performance data	5.1	Travel speed laden/unladen		km/h	19 / 20
	5.2	Lift speed laden/unladen		m/s	0.06 / 0.06
	5.3	Lowering speed laden/unladen		m/s	0.05 / 0.05
	5.7	Gradeability laden/unladen		%	5 / 10
	5.10	Service brake			electric
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	6.9
	6.1.1	2. Drive motor, performance S2 60 min		kW	6.9
	6.2	Lift motor, performance with S3		kW	3
	6.3	Battery according to DIN 43531/35/36			no
	6.4	Battery voltage/nominal capacity		V / Ah	48 / 1000
	6.5	Battery weight		kg	1450
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.92
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.5
Other	8.1	Type of drive control			Mosfet/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.

- VDI no. 1.9: raised 3,720 mm
- VDI no. 4.35: raised 3,922 mm
- VDI no. 6.1: performance of 1st motor / performance of 2nd motor

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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The Jungheinrich logo, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.