



# **Electric sideways-seated pallet truck**

## **ESE 533**

**Lift height: 115 mm / Load capacity: 3300 kg**

**JUNGHEINRICH**



# VDI table

Stand-on: 07/2022

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		<b>ESE 533</b>	
	1.3	Drive		Elektro	
	1.4	Operation		Sitz	
	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 <sub>10</sub>	mm	592
	3.7	Tread width, rear	b <sub>11</sub>	mm	380
	Basic dimensions	4.4	Lift (h <sub>3</sub> )	h <sub>3</sub>	mm
4.8		Seat height/stand height	h <sub>7</sub>	mm	1470
4.15		Height, lowered	h <sub>13</sub>	mm	95
4.20		Length including fork shank	l <sub>2</sub>	mm	1295
4.21.1		Overall width	b <sub>1</sub>	mm	1000
4.22		Fork dimensions	s/e/l	mm	70 x 200 x 3600
4.25		Width across forks	b <sub>5</sub>	mm	580
4.32		Ground clearance centre of wheelbase	m <sub>2</sub>	mm	20
4.34.2		Aisle width (pallet 800x1200 length)	Ast	mm	5196
4.35		Turning radius	W <sub>a</sub>	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			elektrisch
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			nein
	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.

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.