



# **Electric sideways seated pallet truck**

## **ESE 533**

**Lift height: 115 mm / Capacity: 3300 kg**



# VDI table

Stand-on: 01/2020

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		<b>ESE 533</b>	
	1.3	Drive		Electric	
	1.4	Operation		Seat	
	1.5	Capacity/load	Q	kg	3.300
	1.6	Load centre distance	c	mm	1.800
	1.8	Load distance, centre of drive axle to fork	x	mm	2.630
	1.9	Wheelbase	y	mm	3.770
	Weights	2.1.1	Service weight (incl. battery)		kg
2.2		Axle load laden front/rear		kg	3.460 / 3.320
2.3		Axle load unladen front/rear		kg	2.750 / 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	115
	4.8	Seat height/stand height	h <sub>7</sub>	mm	1.470
	4.15	Height, lowered	h <sub>13</sub>	mm	95
	4.20	Length including fork shank	l <sub>2</sub>	mm	1.295
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	1.000
	4.22	Fork dimensions	s/e/l	mm	70 / 200 / 3.600
	4.25	Width across forks (dimension 1), WaF	b <sub>5</sub>	mm	580
	4.32	Ground clearance centre of wheelbase	m <sub>2</sub>	mm	20
	4.34.1	Aisle width (pallet 800x1200 length)	Ast	mm	5.196
	4.35	Turning radius	W <sub>a</sub>	mm	3.982
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 / 1.000
	6.5	Battery weight		kg	1.450
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.92
	6.6.2	CO <sub>2</sub> equivalent as per EN 16796		kg/h	0,50
Miscellaneous	8.1	Type of drive control			Mosfet/AC

- In accordance with VDI Guideline 2198 this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

- 1.9: raised 3720 mm - 4.35: raised 3922 mm - 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.



 **JUNGHEINRICH**

The Jungheinrich logo, featuring a red upward-pointing arrow integrated into the letter 'J', followed by the brand name 'JUNGHEINRICH' in a bold, black, sans-serif font.