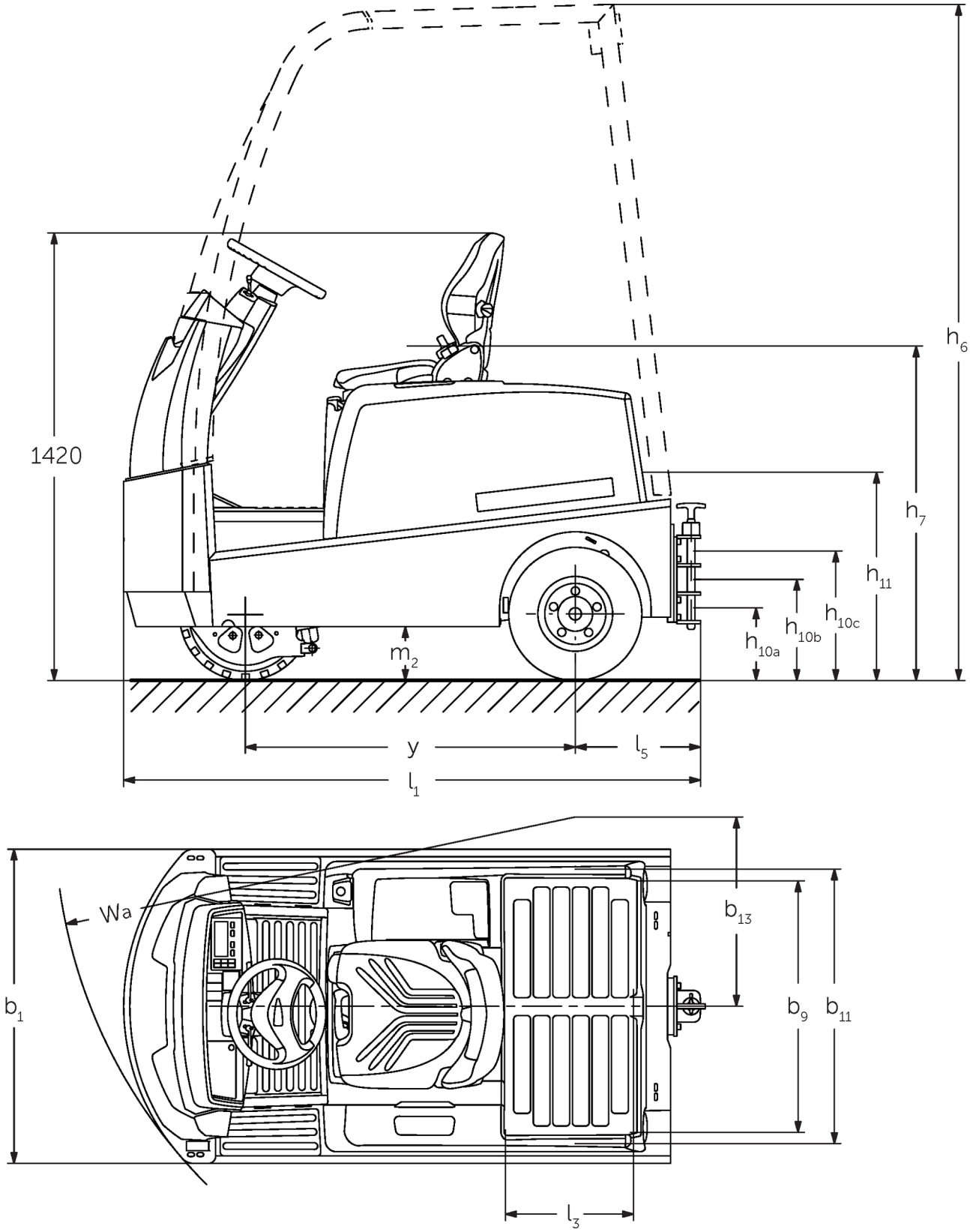


Electric tow tractor

EZS 570-5100

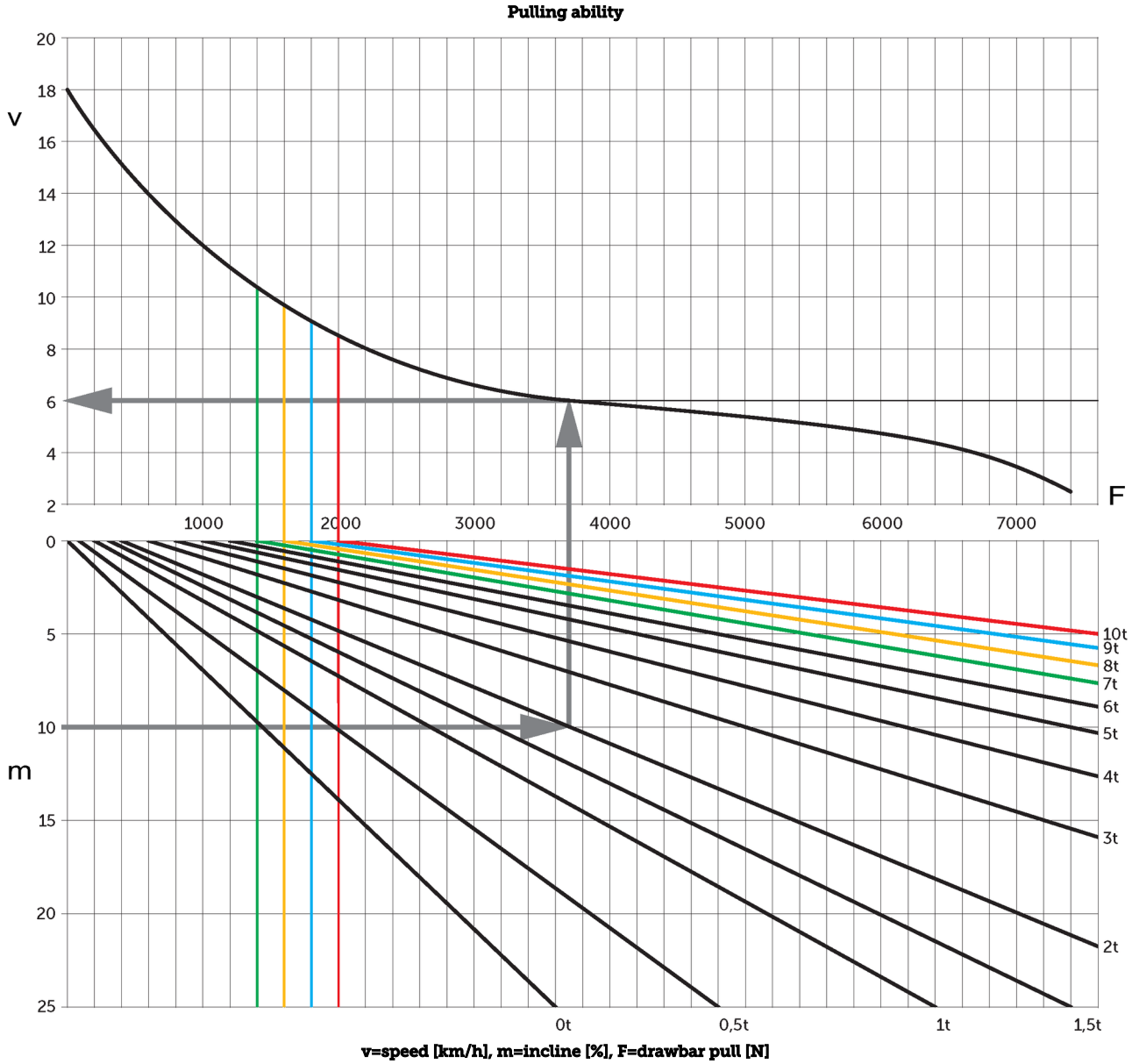
Load capacity: 7000-10000 kg

EZS 570-5100



EZS 580, technical drawing, data sheet

EZS 570-5100


Pulling ability
v
20
18
16
14
12
10
8
6
4
2
1000
2000
3000
4000
5000
6000
7000
F
0
5
10
15
20
25
m
10t
9t
8t
7t
6t
5t
4t
3t
2t
0t
0,5t
1t
1,5t
v=speed [km/h], m=incline [%], F=drawbar pull [N]

VDI table

Stand-on: 07/2021

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich							
	1.2	Manufacturer's type designation			EZS 570	EZS 580	EZS 590	EZS 5100	EZS 570 XL	EZS 580 XL	EZS 590 XL
	1.3	Drive			Electric						
	1.4	Operation			Seat						
	1.5.3	Towing capacity	Q	kg	7000	8000	9000	10000	7000	8000	9000
	1.7	Rated drawbar pull		N	1400	1600	1800	2000	1400	1600	1800
	1.9	Wheelbase	y	mm	1035			1250			
Weights	2.1.1	Service weight (incl. battery)		kg	1260	1320	1410	1825	1620	1675	
	2.3	Axle load unladen front/rear		kg	580 / 680	580 / 740	620 / 790	880 / 945	780 / 840	835 / 840	
Wheels/suspension system	3.1	Tyres			SE / pneumatic						
	3.2	Tyre size, front			4.00-8	16x6-8		16x6-8	16x6-8		
	3.3	Tyre size, rear			4.00-8						
	3.5	Wheels, number front/back (x=driven)			1 / 2x						
	3.6	Tread width, front	b_{10}	mm	0			-	0		
	3.7	Tread width, rear	b_{11}	mm	870						
Basic dimensions	4.7	Height of overhead guard (cab)	h_6	mm	2150			2140			
	4.8	Seat height/stand height	h_7	mm	1040						
	4.12	Coupling height	h_{10}	mm	240						
	4.12.1	2. Coupling height		mm	330						
	4.12.2	3. Coupling height		mm	420						
	4.13	Loading height, unladen		mm	650		640		650		640
	4.16	Loading area length	l_3	mm	400						
	4.18	Loading area width	b_9	mm	795						
	4.19	Overall length	l_1	mm	1828			2048			
	4.21.1	Overall width	b_1	mm	996						
	4.32	Ground clearance centre of wheelbase	m_2	mm	160		130		160		
	4.35	Turning radius	W_a	mm	1652			1866			
	4.36	Smallest pivot point distance	b_{13}	mm	600			665			
Performance data	5.1	Travel speed laden/unladen		km/h	9 / 18	8.5 / 18		7.5 / 18	9 / 18	8.5 / 18	
	5.5	Drawbar pull laden/unladen		N	1400 / 1400	1600 / 1600	1800 / 1800	2000 / 2000	1400 / 1400	1600 / 1600	1800 / 1800
	5.6	Max. drawbar pull laden/unladen		N	5500 / 5500	6500 / 6500	7500 / 7500	7600 / 7600	5500 / 5500	6500 / 6500	7500 / 7500
	5.10	Service brake			electric						
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	4.5						
	6.4	Battery voltage/nominal capacity		V / Ah	48 / 375			48 / 625			
	6.5	Battery weight		kg	575			860			
	6.6.1	Energy consumption according to EN cycle		kWh/h	1.33	1.5	1.67	1.84	1.33	1.5	1.67
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.7	0.8	0.9	1	0.7	0.8	0.9
Other	8.1	Type of drive control			Impulse/AC						
	10.7	Sound level as per EN12053, operator's ear		dB (A)	62						

- 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. 5.7: see tow load diagram
- VDI no. 5.8: see tow load diagram
- VDI no. 6.6: the energy consumption applies to the rated load

The German production facilities in Norderstedt, Moosburg and Landsberg are certified.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

JUNGHEINRICH