



Electric tow tractor **EZS 570-5100**

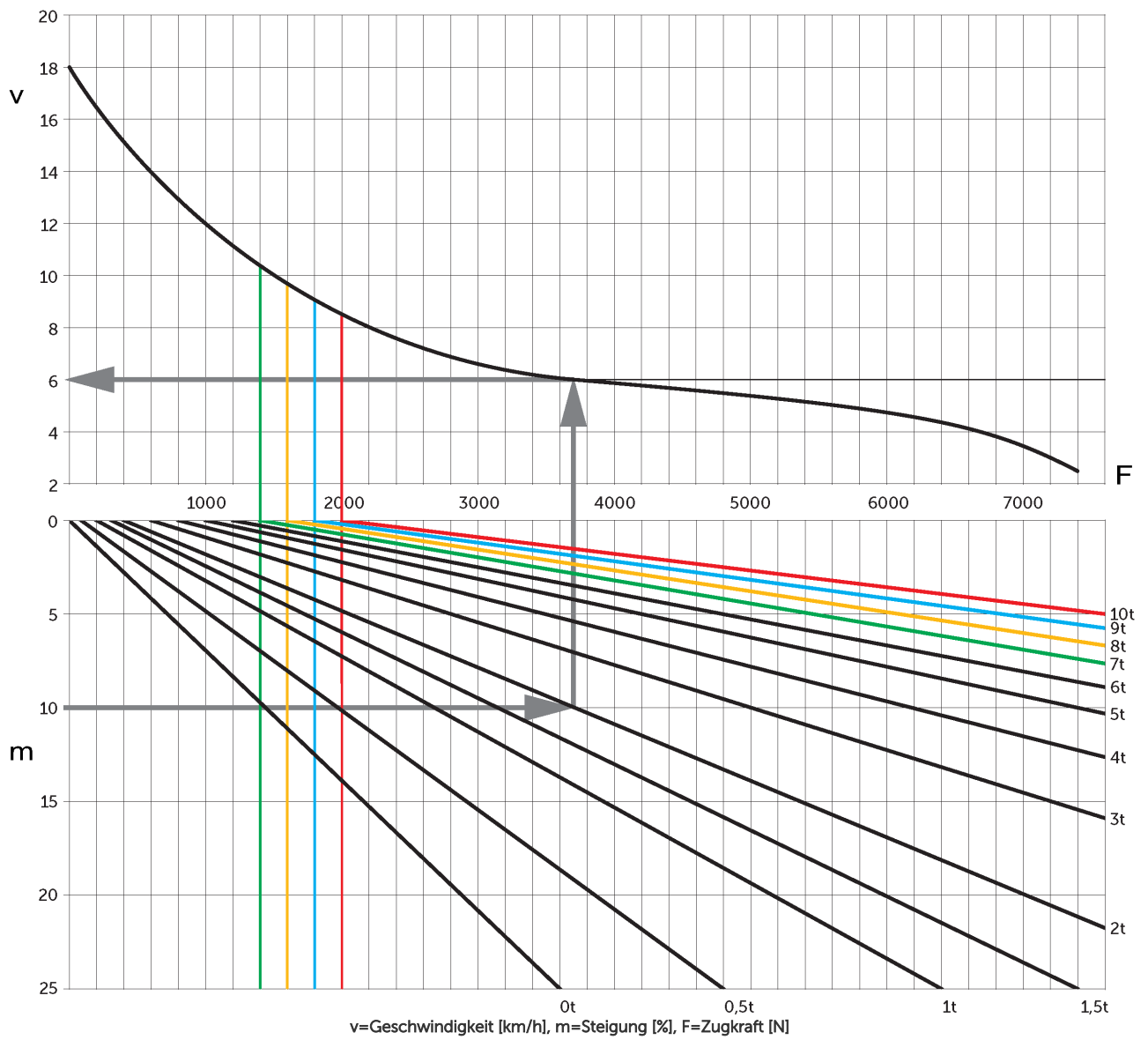
Towing capacity: 7000-10000 kg



The technical drawing consists of two views of a vehicle chassis:

- Side View (Top):** Shows the profile of the chassis. Key dimensions include:
 - 1420 : Overall height from the ground to the top of the steering column.
 - m_2 : Distance from the front axle centerline to the rear axle centerline.
 - y : Wheelbase length.
 - l_1 : Total length of the chassis.
 - l_5 : Distance from the rear axle centerline to the rear suspension mounting point.
 - h_6 , h_7 , h_{11} , h_{10a} , h_{10b} , h_{10c} : Various vertical heights related to the chassis frame and components.
- Top View (Bottom):** Shows the plan view of the chassis. Key dimensions include:
 - b_1 : Overall width of the chassis.
 - Wa : Width of the front wheel assembly.
 - b_{13} , b_9 , b_{11} : Widths of different sections of the chassis.
 - l_3 : Length of the front section.

EZS 580, technische Zeichnung, Typenblatt
Zugfähigkeit



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich				
	1.2	Manufacturer's type designation		EZS 5				
	1.3	Drive		Electric				
	1.4	Operation		Seat				
	1.5.3	Towing capacity	Q	kg	7000	8000	9000	10000
	1.7	Rated drawbar pull		N	1400	1600	1800	2000
	1.9	Wheelbase	y	mm	1035			1250
Weights	2.1.1	Service weight (incl. battery)		kg	1260	1320	1410	1825
	2.3	Axle load unladen front/rear		kg	580 / 680	580 / 740	620 / 790	880 / 945
Wheels/suspension system	3.1	Tyres		Super-elastic (SE)				
	3.2	Tyre size, front		4.00-8	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	b10	mm	0			
	3.7	Tread width, rear	b11	mm	870			
Basic dimensions	4.7	Height of overhead guard (cab)	h6	mm	2150			2140
	4.8	Seat height/stand height	h7	mm	1040			
	4.12	Coupling height	h10	mm	265			
	4.12.1	2. Coupling height		mm	330			
	4.12.2	3. Coupling height		mm	395			
	4.13	Loading height, unladen		mm	650	640		
	4.16	Loading area length	l3	mm	400			
	4.17	Overhang length		mm	375			
	4.18	Loading area width	b9	mm	795			
	4.19	total length	l1	mm	1828			2048
	4.21.1	total width	b1	mm	996			
	4.32	Ground clearance centre of wheelbase	m2	mm	160	130		
	4.35	Turning radius	Wa	mm	1652			1866
	4.36	Smallest pivot point distance	b13	mm	600			665
Performance data	5.1	Travel speed laden/unladen		km/h	9 / 18	8.5 / 18		7.5 / 18
	5.5	Drawbar pull laden		N	1400	1600	1800	2000
	5.6	Max. drawbar pull laden/unladen		N	5500 / 5500	6500 / 6500	7500 / 7500	7600 / 7600
	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	Energy consumption according to VDI cycle	kWh/h	0			
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.33	1.5	1.67	1.84
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.7	0.8	0.9	1
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.

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

 **JUNGHEINRICH**