

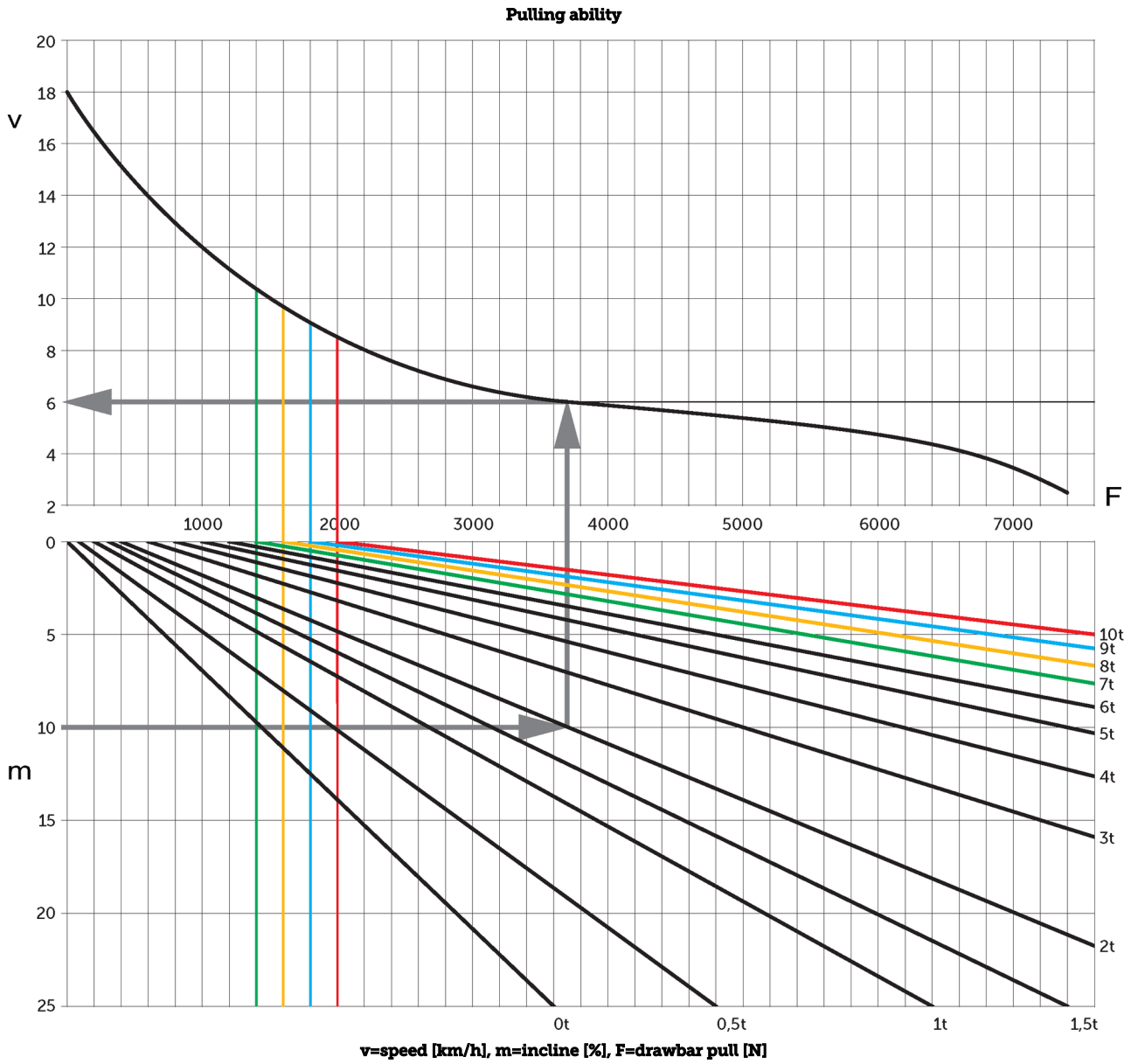


Electric tow tractor **EZS 570-5100**

Towing capacity: 7000-10000 kg

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EZS 570-5100



VDI table

Stand-on: 08/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 570
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	7000
	1.7	Rated drawbar pull	N	1400
	1.9	Wheelbase	y mm	1035
Weights	2.1.1	Service weight (incl. battery)	kg	1260
	2.3	Axle load unladen front/rear	kg	580 / 680
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		4.00-8
	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
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	2150
	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
	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
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	160
	4.35	Turning radius	W _a mm	1652
	4.36	Smallest pivot point distance	b ₁₃ mm	600
Performance data	5.1	Travel speed laden/unladen	km/h	9 / 18
	5.5	Drawbar pull laden/unladen	N	1400 / 1400
	5.6	Max. drawbar pull laden/unladen	N	5500 / 5500
	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
	6.5	Battery weight	kg	575
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.33
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.7
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.

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 580
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	8000
	1.7	Rated drawbar pull	N	1600
	1.9	Wheelbase	y mm	1035
Weights	2.1.1	Service weight (incl. battery)	kg	1320
	2.3	Axle load unladen front/rear	kg	580 / 740
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		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
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	2150
	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
	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
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	160
	4.35	Turning radius	W _a mm	1652
	4.36	Smallest pivot point distance	b ₁₃ mm	600
Performance data	5.1	Travel speed laden/unladen	km/h	8.5 / 18
	5.5	Drawbar pull laden/unladen	N	1600 / 1600
	5.6	Max. drawbar pull laden/unladen	N	6500 / 6500
	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
	6.5	Battery weight	kg	575
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.5
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.8
Other	8.1	Type of drive control		Impulse/AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62

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Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 590
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	9000
	1.7	Rated drawbar pull	N	1800
	1.9	Wheelbase	y mm	1035
Weights	2.1.1	Service weight (incl. battery)	kg	1410
	2.3	Axle load unladen front/rear	kg	620 / 790
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		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
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	2150
	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	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
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	130
	4.35	Turning radius	W _a mm	1652
	4.36	Smallest pivot point distance	b ₁₃ mm	600
Performance data	5.1	Travel speed laden/unladen	km/h	8.5 / 18
	5.5	Drawbar pull laden/unladen	N	1800 / 1800
	5.6	Max. drawbar pull laden/unladen	N	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
	6.5	Battery weight	kg	575
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.67
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.9
Other	8.1	Type of drive control		Impulse/AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62

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Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 5100
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	10000
	1.7	Rated drawbar pull	N	2000
	1.9	Wheelbase	y mm	1250
Weights	2.1.1	Service weight (incl. battery)	kg	1825
	2.3	Axle load unladen front/rear	kg	880 / 945
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		16x6-8
	3.3	Tyre size, rear		4.00-8
	3.5	Wheels, number front/back (x=driven)		1 / 2x
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	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	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	2048
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	130
	4.35	Turning radius	W _a mm	1866
Performance data	5.1	Travel speed laden/unladen	km/h	7.5 / 18
	5.5	Drawbar pull laden/unladen	N	2000 / 2000
	5.6	Max. drawbar pull laden/unladen	N	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 / 625
	6.5	Battery weight	kg	860
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.84
	6.6.2	CO2 equivalent as per EN 16796	kg/h	1
Other	8.1	Type of drive control		Impulse/AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62

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Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 570 XL
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	7000
	1.7	Rated drawbar pull	N	1400
	1.9	Wheelbase	y mm	1250
Weights	2.1.1	Service weight (incl. battery)	kg	1620
	2.3	Axle load unladen front/rear	kg	780 / 840
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		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
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	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
	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	2048
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	160
	4.35	Turning radius	W _a mm	1866
	4.36	Smallest pivot point distance	b ₁₃ mm	665
Performance data	5.1	Travel speed laden/unladen	km/h	9 / 18
	5.5	Drawbar pull laden/unladen	N	1400 / 1400
	5.6	Max. drawbar pull laden/unladen	N	5500 / 5500
	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 / 625
	6.5	Battery weight	kg	860
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.33
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.7
Other	8.1	Type of drive control		Impulse/AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62

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Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 580 XL
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	8000
	1.7	Rated drawbar pull	N	1600
	1.9	Wheelbase	y mm	1250
Weights	2.1.1	Service weight (incl. battery)	kg	1675
	2.3	Axle load unladen front/rear	kg	835 / 840
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		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
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	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
	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	2048
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	160
	4.35	Turning radius	W _a mm	1866
	4.36	Smallest pivot point distance	b ₁₃ mm	665
Performance data	5.1	Travel speed laden/unladen	km/h	8.5 / 18
	5.5	Drawbar pull laden/unladen	N	1600 / 1600
	5.6	Max. drawbar pull laden/unladen	N	6500 / 6500
	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 / 625
	6.5	Battery weight	kg	860
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.5
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.8
Other	8.1	Type of drive control		Impulse/AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62

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Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich
	1.2	Manufacturer's type designation		EZS 590 XL
	1.3	Drive		Electric
	1.4	Operation		Seat
	1.5.3	Towing capacity	Q kg	9000
	1.7	Rated drawbar pull	N	1800
	1.9	Wheelbase	y mm	1250
Weights	2.1.1	Service weight (incl. battery)	kg	1675
	2.3	Axle load unladen front/rear	kg	835 / 840
Wheels/suspension system	3.1	Tyres		SE / pneumatic
	3.2	Tyre size, front		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
	3.7	Tread width, rear	b ₁₁ mm	870
Basic dimensions	4.7	Height of overhead guard (cab)	h ₆ mm	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	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	2048
	4.21.1	Overall width	b ₁ mm	996
	4.32	Ground clearance centre of wheelbase	m ₂ mm	160
	4.35	Turning radius	W _a mm	1866
	4.36	Smallest pivot point distance	b ₁₃ mm	665
Performance data	5.1	Travel speed laden/unladen	km/h	8.5 / 18
	5.5	Drawbar pull laden/unladen	N	1800 / 1800
	5.6	Max. drawbar pull laden/unladen	N	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 / 625
	6.5	Battery weight	kg	860
	6.6.1	Energy consumption according to EN cycle	kWh/h	1.67
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.9
Other	8.1	Type of drive control		Impulse/AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62

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- 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.



 **JUNGHEINRICH**