

Width only 600 mm

**Comfortable turning
with electric steering and JetPilot**

Safe cornering with Curve Control

**Electronic SpeedControl giving
smooth operation**

**Semi-automatic remote coupling
release directly from the operator
platform (optional)**



EZS 130

Tow tractor (3000 kg)

The Jungheinrich EZS 130 is a particularly compact tow tractor for pulling trailers up to 3000 kg. Its very narrow width of only 600 mm makes it the ideal tow tractor for particularly narrow and confined areas. The coupling of various trailers allows the loading height to be varied easily. This contributes towards a flexible and economical product throughput.

The coupling is visible from any position and easily accessible. The semi-automatic remote coupling release (optional) allows the coupling/ releasing of trailers without

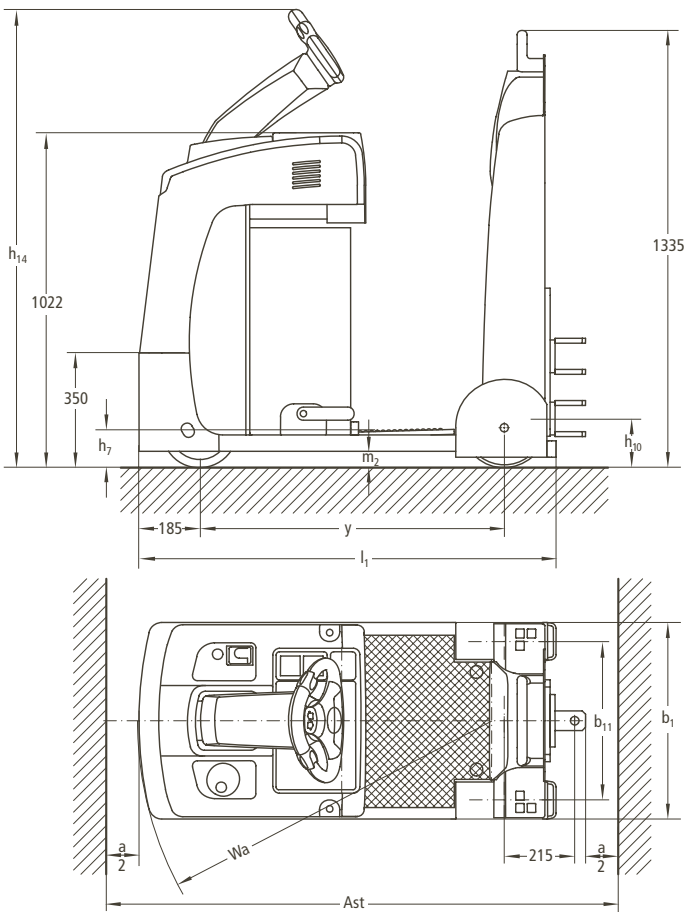
the operator having to leave the platform. This saves time and costs. Another advantage: The tractor is available with several different couplings and can thus be adapted to any type of trailer.

The 24 V drive motor in AC technology gives high performance. The advantages are: powerful acceleration and high top speed with significant energy saving, longer application times and low maintenance (no carbon brushes) at the same time. This is due to the optimisation between drive motor and the electronic

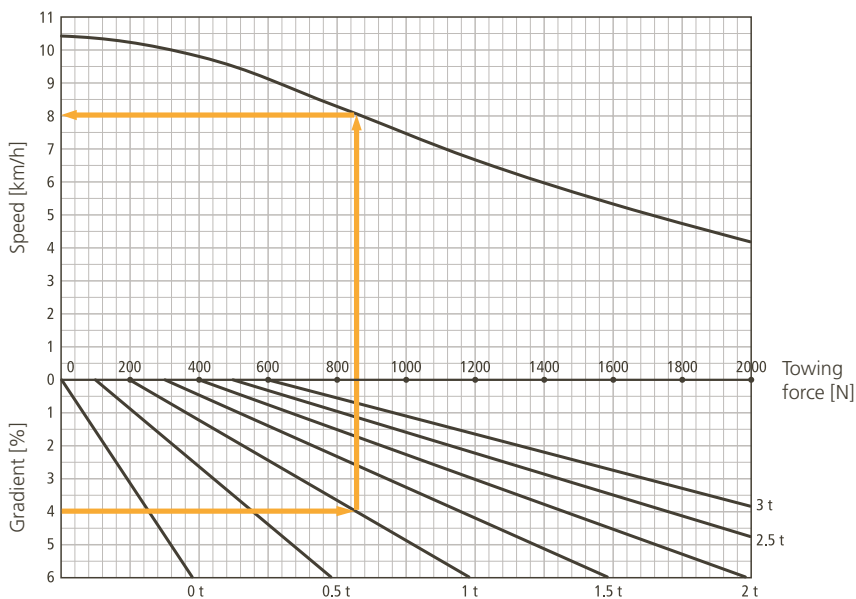
control, as well as having regenerative braking.

The main ergonomic advantages are the low stand-on platform for frequent mounting and dismounting and the short distance from operator platform to load. The EZS also operates effortlessly in confined spaces. Its turning radius is so low that the operator thinks he is "turning on the spot". The JetPilot steering wheel, the supportive backrest and automatic speed reduction "Curve Control" all provide comfort and safety, especially on corners.

EZS 130



Efficiency diagram EZS 130



How to read the diagram:
 The EZS 130 is to drive up a 4% gradient with a 1 t load. For this, the EZS 130 requires 850 N towing force and with this will achieve a speed of 8 km/h.

- Notes:**
- 1) No continuous operation possible for EZS 130 over 600 N
 - 2) For gradients more than 4% we recommend the usage of trailers with brakes.

Technical Data in line with VDI 2198 as at: 06/2010

Identification	1.1	Manufacturer (abbreviation)		Jungheinrich	1.1
	1.2	Manufacturer's type designation		EZS 130	1.2
	1.3	Drive		electric	1.3
	1.4	Operator type		stand-on	1.4
	1.7	Rated drawbar pull	F (N)	600	1.7
	1.9	Wheelbase	y (mm)	930	1.9
Weights	2.1	Service weight incl. battery (see line 6.5)	kg	560	2.1
	2.3	Axle loading, unladen front/rear	kg	330/230	2.3
Wheels, Chassis	3.1	Tyres		Vulkollan®, superelastic	3.1
	3.2	Tyre size, front	mm	∅230 x 78	3.2
	3.3	Tyre size, rear	mm	∅250 x 80	3.3
	3.5	Wheels, number front rear (x = driven wheels)		1x/2	3.5
	3.7	Tread, rear	b ₁₁ (mm)	485	3.7
Basic Dimensions	4.8	Seat height/stand height	h ₇ (mm)	115	4.8
	4.9	Height of tiller in drive position	h ₁₄ (mm)	1400 ¹⁾	4.9
	4.12	Coupling height	h ₁₀ (mm)	158	4.12
	4.19	Overall length	l ₁ (mm)	1275 ²⁾	4.19
	4.21	Overall width	b ₁ /b ₂ (mm)	600/-	4.21
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	50	4.32
	4.35	Turning radius	Wa (mm)	1080	4.35
Performance Data	5.1	Travel speed, laden/unladen	km/h	9.0/10.5 ³⁾	5.1
	5.5	Drawbar pull, laden/unladen	N	600 ³⁾ 4)	5.5
	5.6	Max. drawbar pull, laden/unladen	N	2000 ³⁾	5.6
	5.7	Gradeability, laden/unladen	%	- ³⁾	5.7
	5.8	Max. gradeability, laden/unladen	%	- ³⁾	5.8
5.10	Service brake		electro magnetic	5.10	
E-Motor	6.1	Drive motor rating S ₂ 60 min	kW	2.8	6.1
	6.4	Battery voltage, nominal capacity K _s	V/Ah	24/250	6.4
	6.5	Battery weight	kg	220	6.5
Others	8.1	Type of drive control		3-phase AC technology	8.1
	8.4	Sound level at the driver's ear according to EN 12 053	dB (A)	65	8.4

- 1) JetPilot height
2) Total length without coupling, as several types of coupling are available
3) see diagram
4) Rated drawbar pull

Make use of the advantages

Innovative AC technology

Jungheinrich motors in AC technology give you higher productivity with a reduction in operating costs at the same time. Make use of these advantages:

- High efficiency ratio with excellent energy consumption.
- Powerful acceleration.
- Fast travel direction change without the usual pause.
- No carbon brushes – the drive motor is maintenance-free.
- 2-year warranty on drive motor.

Very narrow design

With its narrow width of only 600 mm, the EZS is ideally suitable for narrow aisles and confined spaces.



JetPilot steering wheel / operating functions

Comfortable and safe operation

The impulse electronic SpeedControl and automatic speed reduction on corners with our patented Curve Control, provide smooth, safe travel adjustable for every application:

- The required speed is maintained in every travel situation including upward and downward gradients.



Integrated charger (optional)

- 3 adjustable travel programmes for individual adjustment to any requirement.
- Regenerative braking with energy reclamation on deceleration.
- Safe travel on corners, the operator has the tractor under control at any time.

Excellent ergonomics

- Low stand-on platform for frequent effortless mounting and dismounting.
- Short distances for the operator from operator platform to coupling or load.
- The coupling can be seen from any position and is easily accessible.
- Fast and easy trailer coupling and decoupling with semi-automatic remote release (optional) from operator platform.
- Electric steering with JetPilot steering wheel.
- CSE load wheels for excellent travel comfort.

Robust construction for hard applications

- Chassis made of high-quality 8 mm sheet steel.
- Extra high chassis apron on front cover.

Long operating times

Energy saving AC technology and high battery capacities allow long operating times:

- Standard version: 2 PzS 250 Ah.
- Integrated charger (24 V/30 A) for easy charging at any mains socket (optional).

Fully informed at any time

Extensive display provides a complete overview at any time:

- CanDis (optional) informs on battery discharge condition, number of operating hours and fault codes.
- Truck activation via PIN and selection of 3 travel programmes via keyboard (optional).
- Adjustable travel parameters via CanDis and CanCode (optional).

Additional equipment

- Several couplings for different trailer types.
- Rear inching via buttons in the backrest on both sides.



Different couplings are available (optional)

Jungheinrich UK Ltd.

Head Office:

Sherbourne House · Sherbourne Drive

Tilbrook · Milton Keynes MK7 8HX

Phone 01908 363100

Fax 01908 363180

info@jungheinrich.co.uk

www.jungheinrich.co.uk



Jungheinrich trucks conform to the European Safety Requirements.



JUNGHEINRICH
Well worthwhile