

Robust E-frame

Ergonomic operation

High energy efficiency with electrical connection (GTE 312)

Clean and fast lifting with electro-hydraulic lift

High level of directional stability due to central axle



GTE 106/212/312

Trailer (600/1,200 kg)

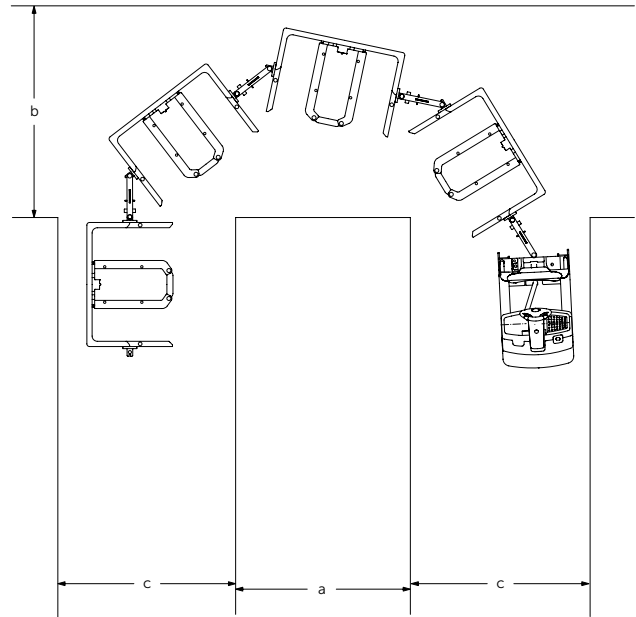
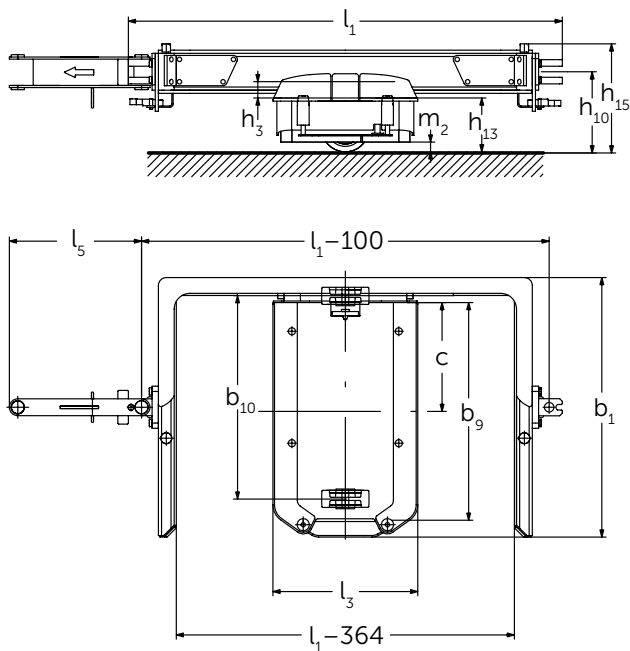
Our E-frame trailers guarantee the flexible, cost-effective transportation of loads with a capacity of up to 1200 kg per trailer. These can be connected as required so that loading and unloading is possible from both sides. The central axle ensures optimum directional stability even with long trains and in narrow spaces.

The simple, ergonomic loading of the trolleys into the trailers can be done via mechanic (GTE 106) hydraulic lift (GTE 212) or

via electro-hydraulic lift (GTE 312). When loading, the load is pushed into the trailer on a trolley and mechanically locked in place. The lock is simply released for energy-conserving and space-saving unloading.

The electrically connected trailers (GTE 312) provide the best conditions for easy, reliable and clean operation. A high level of energy efficiency is guaranteed by the energy conversion directly in the trailer.

GTE 106/212/312



GTE 106/212/312			U-turn		90° curve		
Pallet size [mm]	Number of trailers	Length without tow tractor [mm]	a [mm] (without countertraffic, EZS 350)	smallest turning circle $2xW_a$	b [mm] (without countertraffic, EZS 350)	c [mm] (EZS 350)	b [mm] (without countertraffic, EZS 350)
800	2	4068	2000	3800	2500	2000	2200
800	3	6102	2000	4300	2800	2000	2500
800	4	8136	2000	4500	3100	2000	2800
1000	2	4268	2200	4000	2500	2000	2200
1000	3	6402	2200	4500	2900	2000	2600
1000	4	8536	2200	4700	3300	2000	2900

Technical data

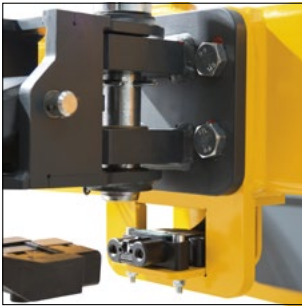
Identification	1.1	Manufacturer (short form)	Jungheinrich							
			GTE 106	GTE 106	GTE 212	GTE 212	GTE 312	GTE 312		
									800 x 1200	1000 x 1200
	1.2	Model								
	1.5	Load capacity/rated load	Q	t	0.6	0.6	1.2	1.2	1.2	1.2
	1.6	Load centre distance	c	mm	405	505	405	505	405	505
	1.7	Rated tractive power	F	N	1,400 ¹⁾					
Weights	2.1	Service weight		kg	195	220	250	283	263	296
	2.2	Axle load, w. load front / rear		kg	795	820	1,450	1,483	1,463	1,496
	2.3	Axle load w.o. load front / rear		kg	195	220	250	283	263	296
Basic dimensions	4.2.1	Total height	h_{15}	mm	407					
	4.4	Lift	h_3	mm	20	20	62	62	62	62
	4.12	Coupling height	h_{10}	mm	304					
	4.15	Lowered height	h_{13}	mm	0	0	205	205	205	205
	4.17	Overhang length	l_5	mm	470	570	470	570	470	570
	4.18	Loading area width	b_9	mm	800	1,000	800	1,000	800	1,000
	4.19	Overall length	l_1	mm	1,654					
	4.21	Total width	b_1/b_2	mm	985	1,185	985	1,185	985	1,185
	4.32	Floor clearance centre wheelbase	m_2	mm	37					
	4.38.12	Platform length	l_3	mm	590	590	550	550	550	550
Performance data	5.1	Travel speed, w. / w.o. load		km/h	8.5 / 18 ²⁾					
	5.2	Lift speed, w. / w.o. load		m/s			0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03
	5.3	Lowering speed, laden/unladen		m/s			0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03
	5.10	Service brake			none					
Electrics	6.2	Lift motor		W					880	880
	6.4	Battery voltage/nominal capacity K5		V/Ah					24 / 0	24 / 0
Misc.	8.5	Trailer coupling, model/type DIN			GTE tiller					

¹⁾ A maximum of 4 trailers are recommended per train.

²⁾ Maximum permissible speed for trailers. Actual speed is dependent on load and tow tractor.

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

Benefit from the advantages



Electrical connection for trailers (GTE 312)



Unlocking with the foot clamp



Mechanical system GTE 106



Suitable trolleys available

Electrical connection of the trailers (GTE 312)

- High level of efficiency with excellent energy management.
- Fast, quiet lifting and lowering.
- Easy and clean connection.
- Easy separation via an electrical connector.
- No additional power unit required in the tow tractor.
- Low energy consumption.

Comfortable and safe operation

- Lifting and lowering of all trailers (GTE 212/312).
- Lifting and lowering of single trailers (GTE 106, optional on GTE 312).

Optimum ergonomics for efficient work

- Lift status displayed via lights (optional for GTE 312).
- Loading/unloading on both sides by recoupling the trailers possible.
- Simple coupling system for connecting the trailers.

Robust construction

- Chassis manufactured from high quality sheet steel.
- Suitable for load aids with dimensions of 800x1200 mm and 1000x1200 mm.
- Suitable trolleys available in these sizes.

GTE 106: mechanical trailer

The GTE 106 offers with an easy, mechanical technique many advantages:

- With rolls inside the trailer and ramps on the trolley the load is lifted free from the ground. Operation without energy from the tow tractor.
- Up to 600 kg load (advised).

Reduced costs due to energy-efficient operation (GTE 312)

- Energy is only ever used in the individual trailer in which the load is lifted/lowered (optional). Loads therefore remain in the raised position when the trailer stops to save energy.
- The conversion of the energy directly in the trailer minimises losses and ensures optimum energy utilisation.

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The German production facilities in Norderstedt, Moosburg and Landsberg are certified. **ISO 9001**
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.



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