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, economical transporting of loads of up to 1200 kg weight 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 confined spaces. The simple, ergonomic loading of the trolleys into the trailers can be done mechanically (GTE 106), via hydraulic lift (GTE 212) or via electrohydraulic 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 (GTE 312) connected trailers offer 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.

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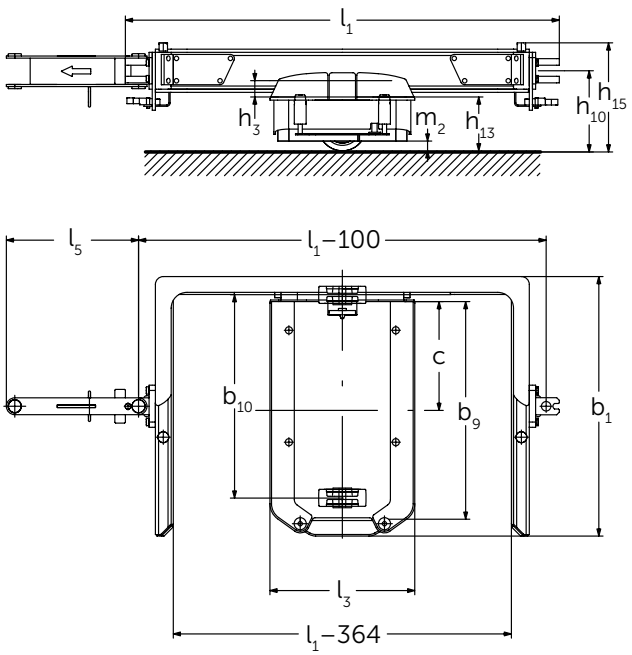
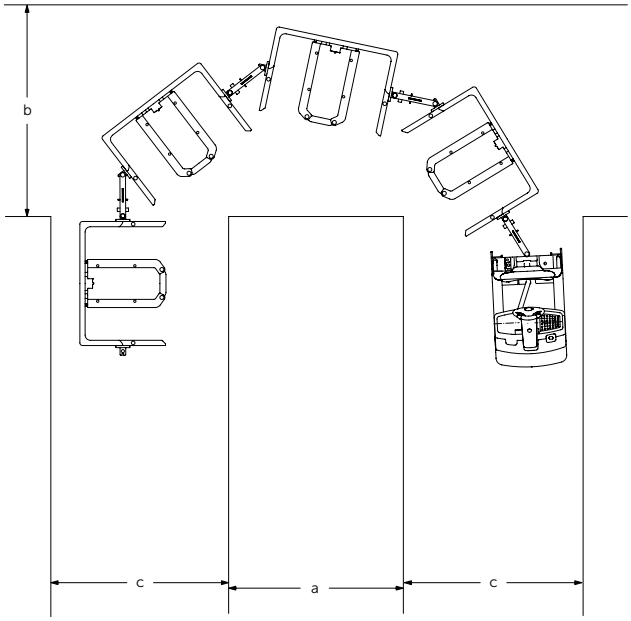
GTE 106/212/312





GTE 106/212/312					U-turn	90° curve	
Pallet size [mm]	Number of trailers	Length without tow tractor [mm]	a [mm] (without oncoming traffic, 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

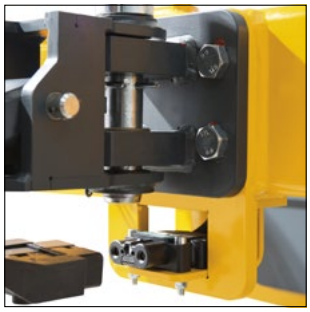
Technical data

Identification	1.1	Manufacturer (abbreviation)			Jungheinrich					
	1.2	Model			**GTE 106**	**GTE 106**	**GTE 212**	**GTE 212**	**GTE 312**	**GTE 312**
					800 x 1200	**1000 x 1200**	**800 x 1200**	**1000 x 1200**	**800 x 1200**	**1000 x 1200**
	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 with load front/rear		kg	795	820	1,450	1,483	1,463	1,496
	2.3	Axle load without load front/rear		kg	195	220	250	283	263	296
Wheels / frame	3.1	Tyres			PU					
	3.2	Tyre size, front		mm	Ø 180x65					
	3.5	Wheels, number front/rear (x = driven wheels)			2 / -					
	3.6	Tread width, front	b_{10}	mm	770	970	770	970	770	970
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	Height, lowered	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	Overall width	b_1/b_2	mm	985	1,185	985	1,185	985	1,185
	4.32	Ground clearance, centre of 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, laden/unladen		km/h	8.5 / 18[2]					
	5.2	Lift speed, laden/unladen		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					
Elec-trics	6.2	Lift motor		W					560	560
	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 for 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

- Frame manufactured from high quality steel.
- Suitable for load aids in the sizes 800x1200 mm and 1000x1200 mm.
- Suitable trolleys also 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)

- Reduced energy consumption due to separate lifting/lowering of individual trailers (optional). Trailers with loads which are not moved remain raised.
- 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. CE

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