

Standard equipment/optional equipment

Standard equipment

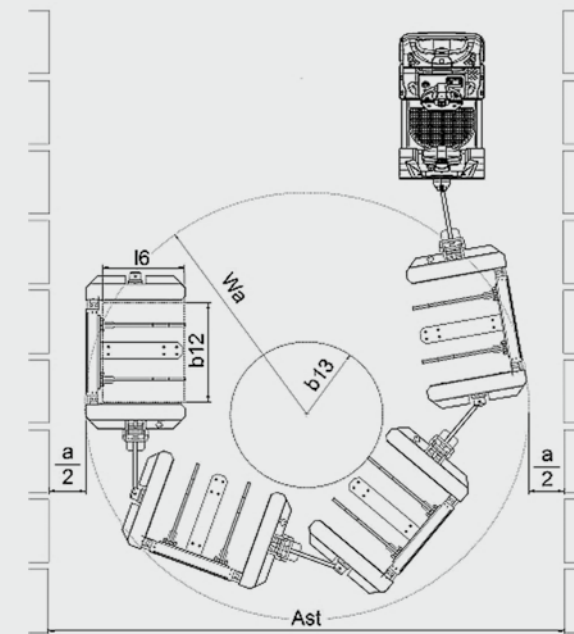
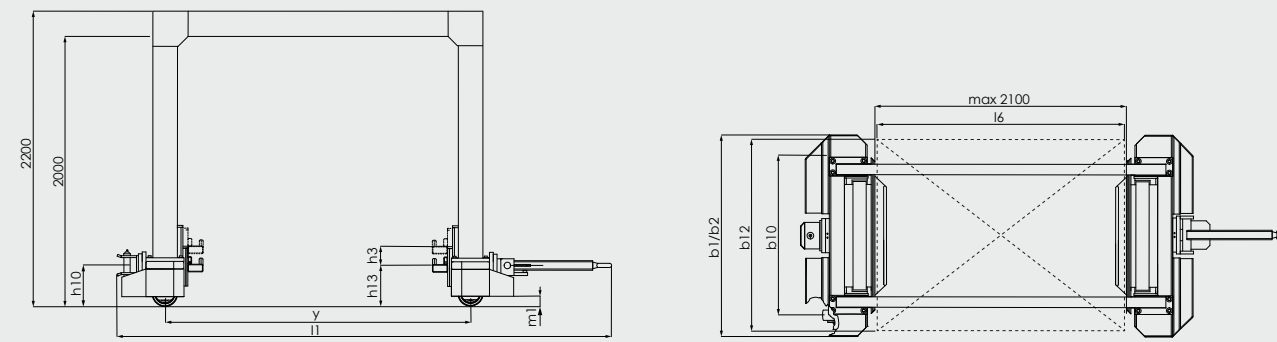
Towed load with P30 C: 3000 kg
 Towed load with P50 C: 5000 kg
 Towed load with P60 Z: 6000 kg
 Robust, durable frame construction with release guard
 Warp-resistant lifting system
 Load capacity: from 600 kg to 2000 kg
 Holding capacity for various load dimensions:
 600x800/1200x800/1200x1000/1200x1600 mm
 Electrical lifting function: operating panel on tow tractor and additional lift operation from frame, automatic tractor lock with lowered fork
 Electrohydraulic lifting function: operation of lifting and lowering from the frame
 Emergency off on each electrically driven trailer
 Axle beam with 2 load castors for excellent directional stability
 4 support wheels for outstanding driving stability
 Frames designed for a small turning radius
 Optional: electrical or electrohydraulic lifting systems, or none (with closed circuit for each frame)
 Protective polycarbonate disc on the lift mast
 C frame for dolly opening adjustable for the left or right
 Bridge frame for dolly opening on both sides
 Coordinated bolt coupling/train tiller concept
 Linde red/anthracite paintwork

Optional equipment

Adaptable to customer-specific dolly
 Wearing rails made of plastic in the insertion portal
 Load handling of other load dimensions on request
 Foot pedal for locking dolly
 Dolly with fixed foot brake on the long side
 Dolly with handgrip
 Dolly with anti-slip mat
 Dolly with fixed superstructure for small load carrier containers
 Dolly wheels with Vulkolan® covering for delicate floors
 Alternative paintwork
 Dollies in various dimensions and versions
 Manual or electrically operated weather protection
 ESD conductivity (ESD wheels)
 Highway code-compliant lighting
 Stainless steel version for foodstuffs field
 All-wheel steering for frames
 Wet grip drive wheel for tow tractor (P50 C, recommended for towed load of 3600 kg and above)
 Tractor P250: 25000 kg towed load

Additional optional equipment on request

LT08-BZ / LT12-BZ, LT08-BZ(2) / LT12-BZ(2),
 LT08-B(eh) / LT12-B(eh) / LT16-B(eh),
 LT08-B(2eh) / LT12-B(2eh) / LT16-B(2eh)



Product information

Directionally stable trailers

- Directionally stable trailer for optimal manoeuvrability
- Optimised chassis design for tight turning radius
- Little space required
- Excellent driving stability



Low noise

- Electrically or optionally electrohydraulically driven lifting systems lift and lower quickly and quietly, without additional noise
- The reduced moment of tilt and the bolt coupling with low play decrease noise to a minimum

Serviceability

- Easily maintained construction
- Interchangeable rollers and axles are easily accessible for servicing



Operation

- Safe operation with the operating panel on the tow tractor or directly on the trailer
- Operating panel on the tow tractor provides visual feedback if the forks are raised
- The lift is operated directly on the trailer (on-site control)
- The operating panel issues a drive enable only when the forks are raised

Energy management

- Energy-optimised lifting system
- Reduced rolling resistance due to optimal roller pivot bearings



Lifting device

- Lift from 50-90 mm, adjustable
- The lifting speed is adjustable on the electrical spindle lift
- Load secured by load mating faces or upon request, by a lock releasable by foot pedal
- Optionally an electrical lifting spindle (dry medium) or an electrohydraulic lifting system as a closed system in the trailer (only electric power supplied externally)

Safety

- Above-ground lifting of containers/dollies with different dimensions
- Protective, low-noise and low-wear load handling
- Automatic drive-unit locking of tow tractor when load is lowered



Towing device

- Coordinated bolt coupling/train tiller concept
- Minimum play in the coupling area
- Little noise when driving
- Robust, durable train tiller (Rockinger towing eye)



Linde logistics train
 Load capacity: 600 – 2,600 kg

BR8950/8951/8952/8953

Safety

The innovative Linde logistics train is an ideal solution for the clocked material flow in modern production plants. Raising different loads via pallet undercarriages (=dollies) above the floor creates a load-protecting, low-noise and low-wear load handling process. When the lifting fork is lowered, drive mode on the tow tractor is optionally locked automatically.

Performance

Goods are safely transported due to the sturdy frame construction. Up to four containers can be transported safely at the same time using the Linde logistics train. The axle beam and the special trailer chassis design ensure outstanding manoeuvrability and high directional stability of the logistics train.

Comfort

The Linde logistics train was designed to offer the best possible ergonomics for the operator. The operator can push the dolly on smooth-running rollers out of the trailer to the required position at the production belt. Quiet operation for day-to-day tasks as no additional components are required on the tow tractor.

Reliability

The solid surrounding framework construction (C-frame) with release guard and the low-maintenance electrical lift design offer excellent levels of reliability. A high-strength trailer tiller (Rockinger towing eye) plus smooth-running wheels and rollers enable long-term use. No lurching, even with high loads.

Serviceability

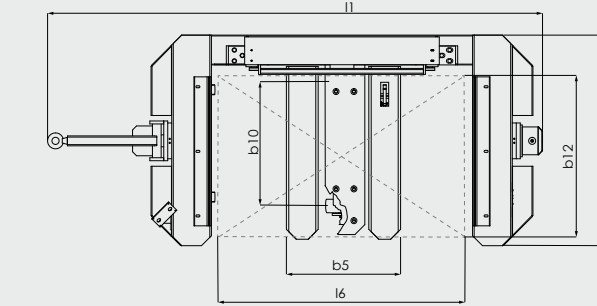
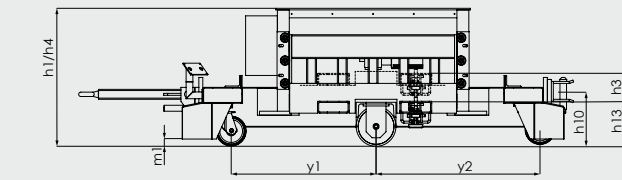
The frames can be uncoupled and exchanged quickly and are easy to maintain. Optionally equipped with a dolly opening on the left or right side, or on both sides in a bridge construction.

Key characteristics (according VDI 2198)

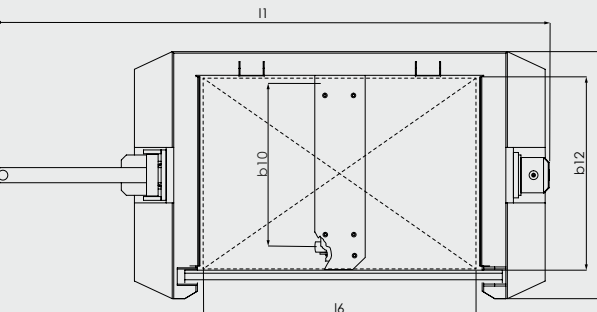
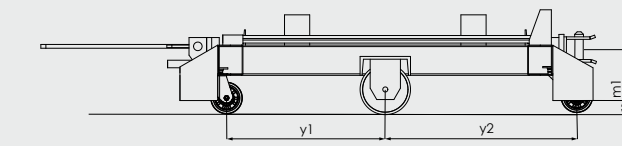
Characteristics	LINDE															
	LT06-Z / LT08-Z	LT06(e) / LT10(e)	LT12(2e) / LT20(2e)	LT10-S(e) / LT14-S(e)	LT06(eh) / LT12(eh) / LT16(eh) / LT20(eh)	LT12(2eh) / LT14(2eh) / LT16(2eh) / LT20(2eh)	LT06-S(eh) / LT12-S(eh) / LT16-S(eh) / LT20-S(eh)	LT08-BZ / LT12-BZ	LT08-BZ(2) / LT12-BZ(2)	LT08-B(eh) / LT12-B(eh) / LT16-B(eh)	LT08-B(2eh) / LT12-B(2eh) / LT16-B(2eh)	LT06-P / LT16-P / LT26-P	LINDE			
1.1	Manufacturer	LINDE														
1.2	Model designation	LT06-Z / LT08-Z	LT06(e) / LT10(e)	LT12(2e) / LT20(2e)	LT10-S(e) / LT14-S(e)	LT06(eh) / LT12(eh) / LT16(eh) / LT20(eh)	LT12(2eh) / LT14(2eh) / LT16(2eh) / LT20(2eh)	LT06-S(eh) / LT12-S(eh) / LT16-S(eh) / LT20-S(eh)	LT08-BZ / LT12-BZ	LT08-BZ(2) / LT12-BZ(2)	LT08-B(eh) / LT12-B(eh) / LT16-B(eh)	LT08-B(2eh) / LT12-B(2eh) / LT16-B(2eh)	LT06-P / LT16-P / LT26-P	LINDE		
1.2a	Series	8950	8950	8950	8950	8951	8951	8951	8952	8952	8952	8952	8953	LINDE		
1.5	Load capacity	Q(t)	0.6/0.8	0.6/1.0	1.2/2.0	1.0/1.4	0.6/1.2/1.6/2.0	1.2/1.4/1.6/2.0	0.6/1.2/1.6/2.0	0.8/1.2	0.8/1.2	0.8/1.2/1.6	0.8/1.0	0.6/1.6/2.6		
1.6	Load centre	c(mm)	387 ²⁾	505 ²⁾	505 ²⁾	406 ²⁾	505 ²⁾	505 ²⁾	406 ²⁾	—	—	—	—	—		
1.8	Axle centre to fork face	x(mm)	100	215	215	150	215	215	150	—	—	—	—	—		
1.9	Wheelbase	y(mm)	686/710	863/697	863/697	990/960	863/697	990/960	1615	1815	1615	1815	863/697			
Weights	2.1	Service Weight	(kg)	130 ³⁾	244 ³⁾	292 ³⁾	223 ³⁾	235 ³⁾	297 ³⁾	225 ³⁾	320 ³⁾	415 ³⁾	425 ³⁾	520 ³⁾	149 ³⁾	
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethan	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber	Polyurethane / Solid rubber		
3.2	Tyre size, front		ø 200 x 75 ⁷⁾	ø 200 x 75 ⁷⁾	ø 200 x 75 ⁷⁾	ø 200 x 75 ⁷⁾	ø 200 x 75 ⁷⁾	ø 200 x 75 ⁷⁾	ø 200 x 50	ø 200 x 50	ø 200 x 50	ø 200 x 50	ø 200 x 75 ⁷⁾	ø 200 x 75 ⁷⁾		
3.3	Tyre size, rear		ø 125 x 40	ø 150 x 50	ø 150 x 50	ø 125 x 40	ø 150 x 50	ø 150 x 50	ø 200 x 75	ø 200 x 75	ø 200 x 75	ø 200 x 75	ø 150 x 50	ø 150 x 50		
3.5	Wheels, number front/rear(x=driven)		2/2	2/4	2/4	2/4	2/4	2/4	2/2	2/4	2/2	2/2	2/2	2/2		
3.6	Track width, front	b10(mm)	744	650	650	690	650	650	730	730	730	730	700	700		
Dimensions	4.1	Mast/fork carriage tilt, forward/backward	a/b(°)	—	2.0/—	2.0/—	—	—	2.0/—	—	—	—	—	—		
	4.2	Height of mast, lowered	h1(mm)	—	860	860	433	860	433	—	—	—	—	—		
	4.4	Lift	h3(mm)	—	100	100	70	100	70	—	—	100	100	—		
	4.4d	Lift function		—	electric	electric	electric	electro-hydraulic	electro-hydraulic	—	—	electro-hydraulic	electro-hydraulic	—		
	4.5	Height of mast, extended	h4(mm)	—	860	860	433	860	433	—	—	—	—	—		
	4.12	Towing coupling height	h10(mm)	300	300	300	250	300	250	300	300	300	300	300		
	4.15	fork height, lowered	h13(mm)	—	208/324	208/324	230	208/324	230	—	—	—	—	—		
	4.19	Overall length	l1(mm)	2317/2417/2917	2645/2745/2845	3330/3730	2765/2865/2965	2645/2745/2845	3330/3730	2765/2865/2965	3150/3250	3310/3510	3150/3250	3310/3510	1990/2090/3200	
	4.21	Overall width	b1/b2(mm)	1060/1260/1460	1180/1380/1580	1580	1055/1255/1455	1180/1380/1580	1580	1055/1255/1455	1077/1277	1077/1477	1077/1277	1077/1477	880/1080/1280	
	4.21.6	Load length	l6(mm)	1200/1600	1200/1600	600/1200	1200/1600	1200/1600	600/1200	1200	800/1200	1200	800/1200	1200/1600	1200/1600	
	4.21.7	Load width	b12(mm)	800/1000/1200	800/1000/1200	2x800/2x1000	800/1000/1200	800/1000/1200	2x800/2x1000	800/1000	2x600/2x800	800/1000	2x600/2x800	800/1000/1200	800/1000/1200	
	4.22	Fork dimension	s/e/l(mm)	—	60x160x880 ⁴⁾	60x160x880 ⁴⁾	30x40x500 ⁴⁾	60x160x880 ⁴⁾	60x160x880 ⁴⁾	—	—	30x40x500 ⁴⁾	30x40x500 ⁴⁾	—	—	
	4.25	Fork spread, min/max	b5(mm)	—	720	350	—	720	350	—	—	1245	600	—		
	4.31	Ground clearance, below mast	m1(mm)	auf Anfrage	30	30	72	30	72	upon request	upon request	78	78	upon request		
	4.35	Turning radius	Wa(mm)	2130 ⁵⁽⁶⁾	2130 ⁵⁽⁶⁾	3100 ⁵⁽⁶⁾	2130 ⁵⁽⁶⁾	2130 ⁵⁽⁶⁾	3100 ⁵⁽⁶⁾	2130 ⁵⁽⁶⁾	2350 ⁵⁽⁶⁾	2450 ⁵⁽⁶⁾	2350 ⁵⁽⁶⁾	2450 ⁵⁽⁶⁾	2130 ⁵⁽⁶⁾	
4.36	Minimum pivoting point distance	b13(mm)	827 ⁵⁾	827 ⁵⁾	1027 ⁵⁾	827 ⁵⁾	827 ⁵⁾	1027 ⁵⁾	827 ⁵⁾	827 ⁵⁾	1027 ⁵⁾	1027 ⁵⁾	827 ⁵⁾	827 ⁵⁾		
Performance	5.2	Lifting speed, with/without load	(m/s)	—	0.01/0.01	0.01/0.01	0.01	0.03/0.03	0.03/0.03	—	—	0.03/0.03	0.03/0.03	—		
	5.3	Lowering speed, with/without load	(m/s)	—	0.01/0.01	0.01/0.01	0.01	0.03/0.03	0.03/0.03	—	—	0.03/0.03	0.03/0.03	—		
	5.7	Climbing ability, with/without load	(%)	5	5	5	5	5	5	5	5	5	5	5		
	5.10	Service brake		without	without	without	without	without	without	without	without	without	without	without		
	6.2	Lift motor rating at S3 15%	(kW)	—	0.7	0.7	0.7	1.2/1.4	1.2/1.4	—	—	1.2/1.4	1.2/1.4	—		
8.5	Towing coupling, design/type, DIN 15 170		ø 33	ø 33	ø 33	ø 33	ø 33	ø 33	ø 33	ø 33	ø 33	ø 33	ø 33			

- 2) Axle centre to fork face: Measures related to carry 1200x800mm
 3) Service Weight: smallest load capacity and carry load
 4) fork dimension: Measures related to carry load 1200x800mm
 5) with 4 Frames and load carry related 1200x800mm
 6) Ast = 5260 mm, inkl. a = 1000 mm operating aisle clearing
 7) Size of the wheel at center axle
 Last Frame has track off 2% related to total length of logistic train

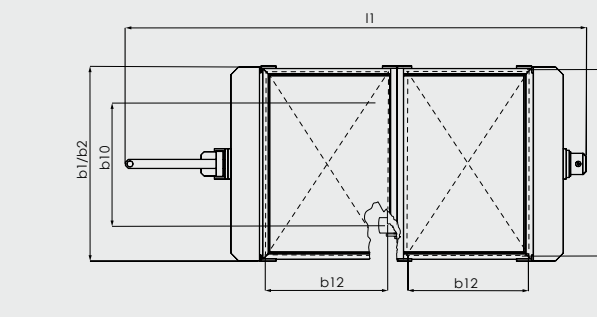
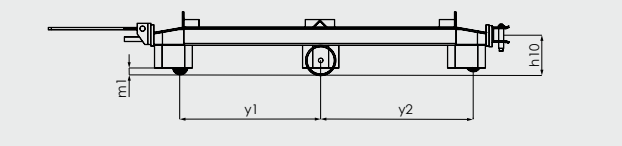
LT06(e) / LT10(e), LT06(eh) / LT12(eh) / LT16(eh) / LT20(eh)



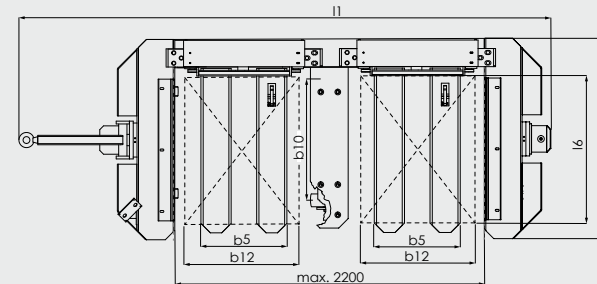
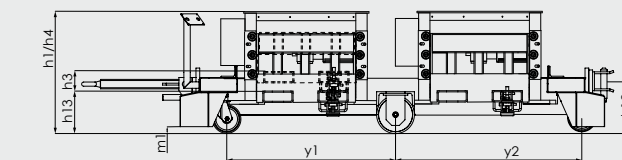
LT06-Z / LT08-Z



LT06-P / LT16-P / LT26-P



LT12(2e) / LT20(2e), LT12(2eh) / LT14(2eh) / LT16(2eh) / LT20(2eh)



LT10-S(e) / LT14-S(e), LT06-S(eh) / LT12-S(eh) / LT16-S(eh) / LT20-S(eh)

