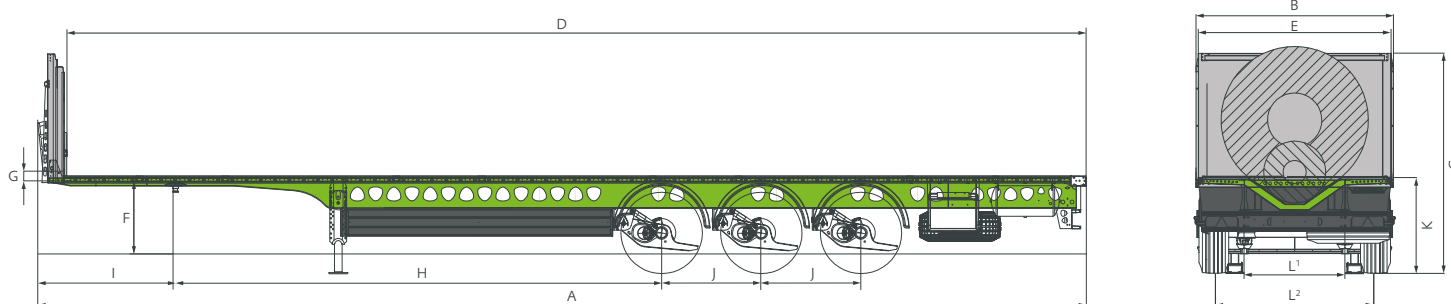




**BERGERecotrail®**

# 24 LTnP / LTCnP

Useful load-optimised semitrailer plateau with steel lightweight construction



## Technical specifications

Basic model

	LTnP	LTCnP	
Own weight	4,045	4,625	kg
Fifth wheel load / Technically possible	11,000/12,000		kg
Aggregate load / Technically possible	24,000/27,000		kg
Total weight / Technically possible	35,000/39,000		kg
Theoretical useful load / Technically possible	29,500/33,500	30,375/33,575	kg
A Total length	13,850		mm
B Vehicle width	2,550		mm
C Total height unloaded	2,880		mm
D Length loading area	13,620		mm
E Width of loading area	2,490		mm

	LTnP	LTCnP	
F Height of fifth wheel coupling (Note total height!)	1,150		mm
G Frame neck height (installation height over fifth wheel coupling)	130		mm
H Wheel base	6,390		mm
I Front overhang / Front overhang radius	1,680/2,040		mm
J Axle distance	1,310		mm
K Loading height back unloaded	1,280		mm
L Loading height back unloaded (vehicle is horizontal)	1,300/2,040		mm
L1 = spring rail / L2 = Wheel	34		pc.
Coil moulding, Length	-	8,220	mm
Coil diameter min./max.	-	900/2,000	mm

# Technical description

## Basic model

In general: Subject to technical modifications!

### Chassis

- Welded framework construction made of fine-grained steel S700, transverse beam (Z-profiles) approx. 375 mm
- Mechanical support threads 2 x 12 t (Haacon type)
- SAF-axle aggregates with disc brakes 370 mm; air suspension with lifting/lowering device, activation valve bottom left
- Tyres 6x, Goodyear, dimension 385/65 R22.5, on steel rims
- EC brake system Knorr type, with Roll Stability program (RSP), EBS system 2S/2M, spring accumulator locking brake with double release valve, aluminium compressed air tank, diagnosis capability via EBS socket ISO 7638
- 24-Volt light system, Hella type, 2 x 7-pin sockets according to DIN ISO 7638/3731, 2 multi-function backlights (including fog lights and tail lights), 2 contour lights with rubber arms (LED), 2 limit lights (LED) on the front panel, 4 pairs of lateral marking lights (LED)

### Structure

- Stable ecotrail hybrid floor screen printed bottom, substrate GPR-reinforced laminate with water-resistant anti-slip coating, substrate GPR material as a reinforcement and protection from moisture, floor plates on the outer frame sealed, permissible forklift axle load 7,000 kg according to DIN EN 283

- Smooth front panel with a highly stable sandwich panel, additional vertical and horizontal reinforcement profiles, front panel stanchions and reinforcement plates made of fine grain steel S700, front panel welded with front stanchions, in front panel under integrated fender with 200 mm height, front panel with chassis screwed in, all transitions sealed

### Securing loads

- Body made of S700 fine grain steel 8,220 mm in length for the secure receptacle of steel and aluminium coils with a diameter of 900 to 2,000 mm, with lateral planking made of screen printing concrete elements and 3 pairs of welded pockets to receive insertion stanchions, body cover made of 16 pieces of flush closing single panels with practical grip holes
- 4 pc. aluminium coil stanchions with a length of 1,500 mm
- 18 pairs of ferry eyes integrated flush into the external frame, tested according to DIN EN 12640 for tensile loads to 2,500 daN
- Multifunctional perforate external frames over the entire external frame length per side at a distance of 187 mm or 68 hooking opportunities, ferry eyes reviewed according to DIN EN 12640 for tensile loads to 2,000 daN, other drill holes exist for the attachment of load securing systems and other applications

### Accessories

- Practice-oriented equipment with semi-round fender with integrated splash guard according to 91/226/EEC
- 1 shim with holder
- Removable tail ladder
- Retroreflecting partial marking lateral
- Retroreflecting marking in red on the tail
- Underrun bumper according to 70/221/EEC and lateral safety equipment according to 89/297/EEC, respectively made out of an aluminium profile

### Paint

- Painting of chassis and support pulleys, front wall panel, front wall frames as well as tail frame in a common RAL colour by customer request (no metallic or brilliant colours), connection panel on the front panel, lateral safety equipment including holder and cross strut of the support pulleys RAL 9005 black glossy mat, underrun bumper and intermediate plate anodised in aluminium, profiles and accessible points also preserved with wax in hollow areas

■ = Only valid for LTCnP!

