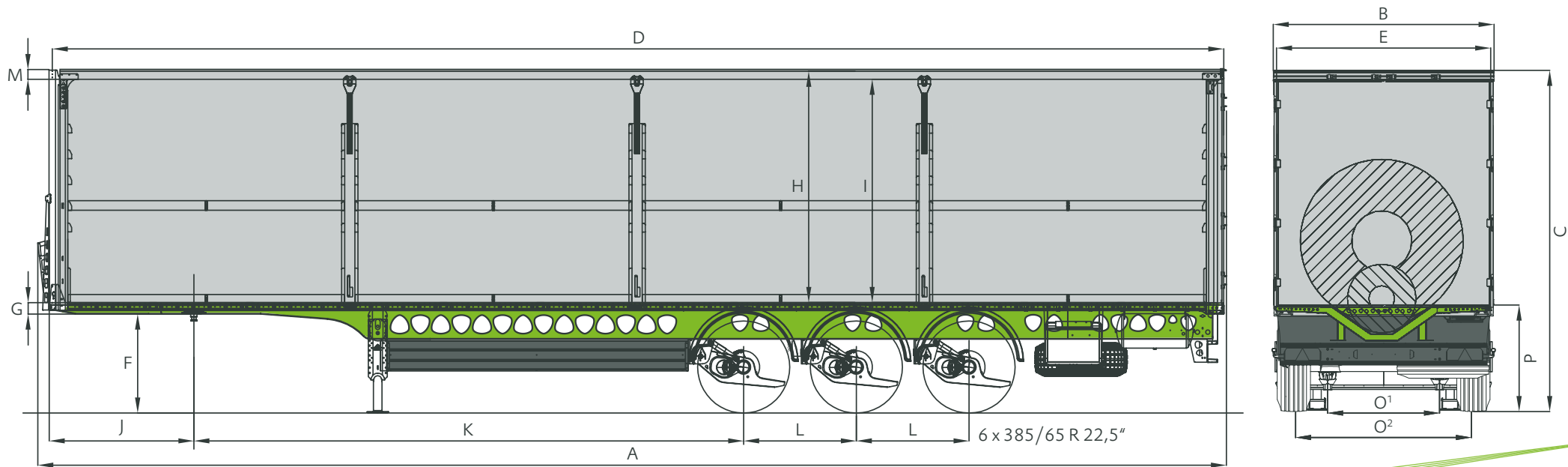


# 24 LTn / LTCn

Useful load-optimised semitrailer in with steel lightweight construction with curtain structure



**BERGER**ecotrail®



## Technical specifications

### Basic model

		LTh	LTCn	
	Own weight	4,715	5,295	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	30,285/34,285	29,705/33,705	kg
A	Total length	13,850		mm
B	Vehicle width	2,550		mm
C	Total height unloaded	4,000		mm
D	Length of loading area	13,620		mm
E	Width of loading area	2,490		mm
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	Internal height (dimension from the top edge to the bottom of strut)	2,685		mm

		LTh	LTCn	
I	Loading height lateral (dimension from floor edge to bottom edge of coverage rail)	2,595		mm
J	Front overhang / Front overhang radius	1,680 / 2,040		mm
K	Wheel base	6,390		mm
L	Axle distance	1,310		mm
M	Height of cover rail	162.5		mm
N	Loading width on tail (dimension between portal rungs)	2,480		mm
O	Spring track / Wheel track	1,300 / 2,040		mm
P	Loading height back unloaded (vehicle is horizontal)	1,280		mm
	Storage areas Euro pallets	34		pc.
	Tyres	385/65 R22.5		mm
	Coil moulding, Length	-	8,220	mm
	Coil diameter min./max.	-	900/2,000	mm

# Technical description

## Basic model



### Chassis

- Welded framework construction made of fine-grained steel S700, transverse beam (Z-profiles) approx. 375 mm
- Mechanical support threads 2 x 12 to (Haacon type)
- SAF-axle aggregates with disc brakes 370 mm; air suspension with lifting/lowering device, activation valve bottom left
- Tyres 6x, Goodyear LHT II, dimension 385/65 R19.5, 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)

### Volume-optimised structure

- Stable ecotrail hybrid floor screen printed bottom, substrate GPR material as a reinforcement and protection against 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

- Tail portal screwed on to chassis, portal stanchions made of fine grain steel S700, clear width between the portal stanchions 2,480 mm, rear doors with a smooth surface and each with two interior espagnolette bolts and stable seals, door locking device left/right, foldable portal beam Berger system, rubber buffer left/right
- 3 pairs of sliders with batten pockets for a total of 6 rows of lateral battens, below receptacles for 400 mm replacement on-board walls made of aluminium lateral battens
- Sliding cover type Edscha Ultraline, can be opened at the front and back, bridging with 4-rope system
- Lateral tarps, tarp material 850–900 g/m<sup>2</sup>, with vertical, horizontal and diagonal belt reinforcements, 20 belt tensioners per side, tarp tensioning with compact crank gear in back, convenient opening with hook-on bar Roof tarp 650–670 g/m<sup>2</sup>



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### 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
- Structure certified for general cargo according to DIN EN 12642 Code XL, DIN EN 12195-1 and VDI 2700, useful load-optimised
- 2 rows of aluminium lateral battens, V profile, each 100 mm in height
- 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

- 1 shim with holder
- Removable tail ladder
- 2 pc. ECE 70 reflection panels on the rear doors
- Retro-reflecting partial marking in white on the lateral tarps
- Retro-reflecting partial marking in red on the rear doors

### Paint

- Paint of chassis and support pulleys, front wall panel, front wall frame as well as tail doors in a common RAL colour by customer request (no metallic or brilliant colours), tail portal stanchions in RAL 7016, anthracite grey coated, connection panel on the front wall, lateral

safety device including holder or cross strut of the support pulleys RAL 9005 black glossy matt coated, sliders cathodic dip paint black coated, profiles and inaccessible areas also preserved with wax in hollow areas.

■ = Only valid for LTCn!

