

BERGER Fahrzeugtechnik Ges.m.b.H

Rettenbach 10a | 6241 Radfeld, Austria

T +43 (0) 5338 | 8421-7000

F +43 (0) 5338 | 8421-97000

office@berger-ecotrail.com

www.berger-ecotrail.com



24 LTMn / LTMCn

Useful load-optimised semitrailer in with steel lightweight construction with tarp system structure, Mega

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
- Structure certified for general cargo according to DIN EN 12642 Code XL, DIN EN 12195-1 and VDI 2700, for maximum useful load 29,000 kg
- 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

- Practice-oriented equipment with semi-round fender with integrated splash guard according to 91/226/EEC
- 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
- Underrun bumper according to 70/221/EEC and lateral safety equipment according to 89/297/EEC, respectively made out of an aluminium profile

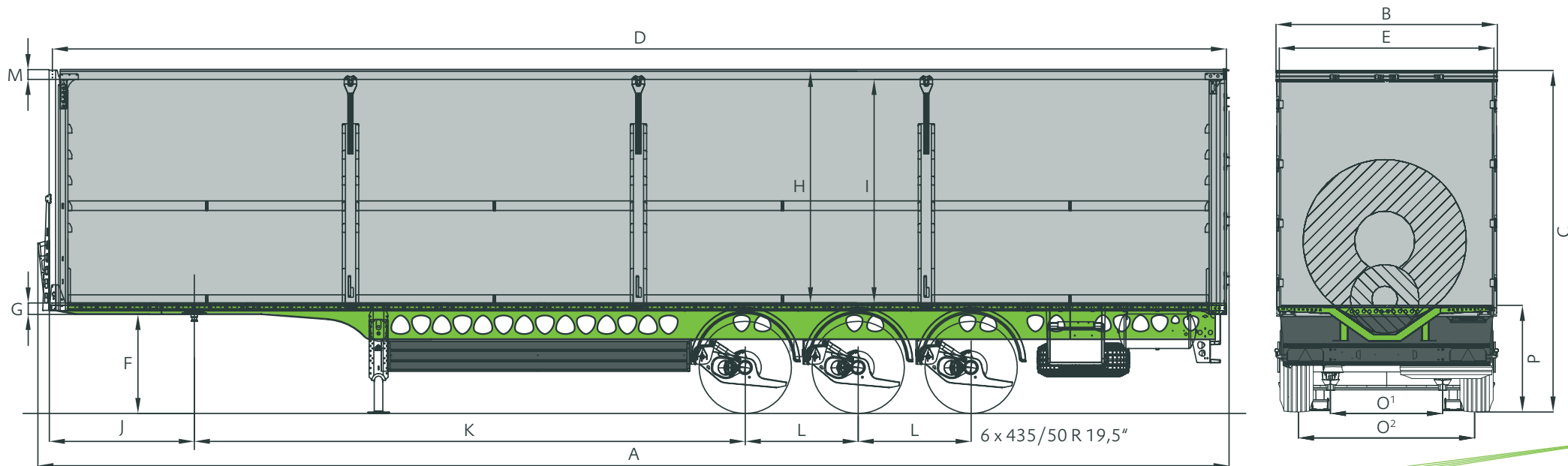
Paint

- 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, under run bumper and intermediate plate in anodised aluminium, profiles and accessible points also preserved with wax in hollow areas

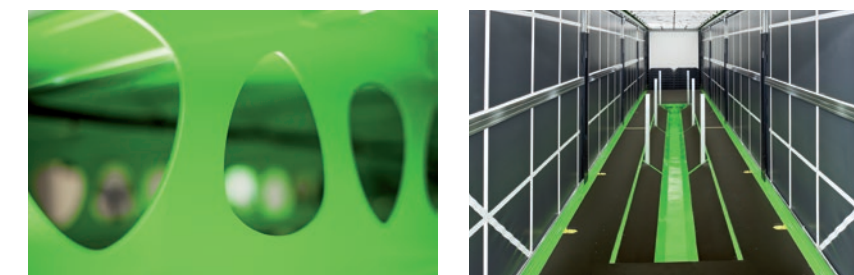
■ = Only valid for LTCn!





Technical description

Basic model



Technical specifications

Basic model

	LTMn	LTMcn	
Own weight	5,020	5,550	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	30,010/34,010	29,480/33,480	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!)	920		mm
G Frame neck height (installation height over fifth wheel coupling)	100		mm
H Internal height (dimension of bottom edge to bottom edge of strut)	2,950/3,000		mm

	LTMn	LTMcn	
I Loading height lateral (dimension from floor edge to bottom edge of cover rail)	2,815		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 stanchions)	2,480		mm
O Spring track / Wheel track	1,300 / 2,040		mm
P Loading height bottom unload (vehicle is horizontal) / max.	1.010 / 1.200		mm
Storage areas Euro pallets	34		pc.
Elevating roof for lateral loading	300		mm
Tyres	435/50 R19.5		mm
Coil moulding, Length	-	8,220	mm
Coil diameter min./max.	-	800/2,100	mm

Chassis

- Welded framework construction made of fine-grained steel S700, transverse beam (Z-profiles) approx. 375 mm
- Mechanical support threads 2 x 12 t with thrust equalizer (Haacon type)
- SAF-axle aggregates with disc brakes 370 mm; air suspension with lifting/lowering device, activation valve bottom left
- Tyres 6x, Goodyear, dimension 435/50 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 cont-

our lights with rubber arms (LED), 2 limit lights (LED) on the front panel, 4 pairs of lateral marking lights (LED)

Volume-optimised structure

- Mechanical elevating roof system by Berger to lift the cover rail for lateral loading and unloading Stroke 300mm, gas pressure damper as support Additional height adjustment of the cover +50mm, on the front panel, in addition to negative adjustment -50mm
- 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 t 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/m², with vertical and horizontal 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/m²