



# K.STS 32 AWARD-WINNING BITUMEN TRANSPORT BY KÄSSBOHRER

Winner of IAA Innovation Award 2017 Category Safety, Kässbohrer's bitumen tanker semi-trailer, K.STS 32, surpasses all the expectations in the hot petrochemical goods transportation.

With its award-winning wireless remote control for discharge K.STS 32 creates the safest bitumen loading and discharge operations.

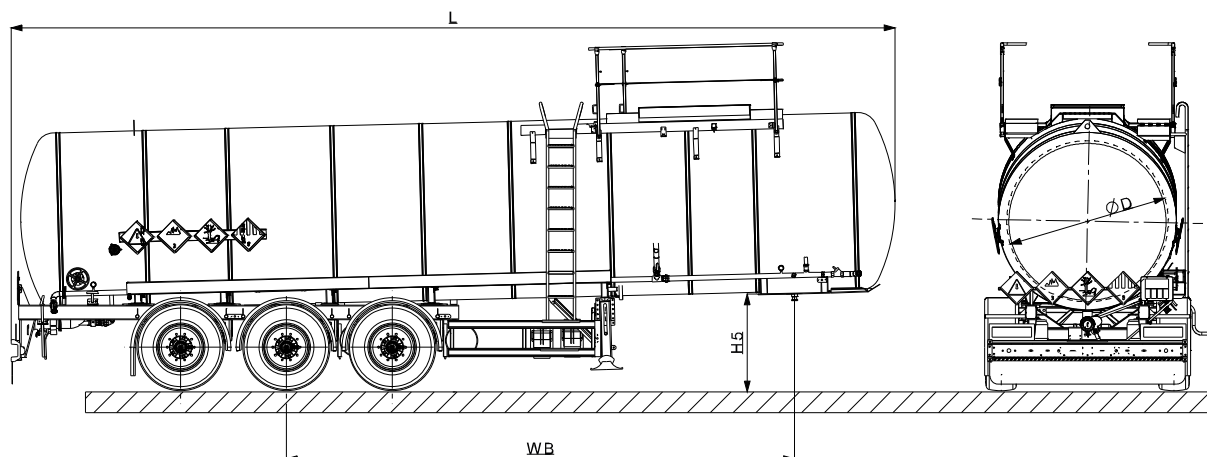
With a tare weight of 6.250 kg and tank diameter of 2.000 mm, K.STS 32 offers operational efficiency and lower fuel consumption.

Depending on your working conditions, K.STS 32 can be configured with different insulation thicknesses, stainless steel insulation cover, insulated dome covers, insulated discharging lines and insulated discharging box options.



# K.STS 32 / 1 - 10 / 24

## SPECIFICATIONS



### TECHNICAL INFORMATION

|                        |   |
|------------------------|---|
| <b>Body Type</b>       | Made of AISI 321 (DIN 1.4541) quality stainless steel material, separated by baffles complying with EN 14025, with an inclined design that prevents liquid from remaining in the tank during discharge. Cylindrical section body with L4BH ADR code   |
| <b>Chassis Type</b>    | Two extruded box profiles made of special alloy aluminium which provides high quality and high strength, special extruded box profiles made of aluminium and having special design aluminium cross connection   |
| <b>Brake System</b>    | There is a dual-circuit electro-pneumatic braking system with EBS 2S/2M antiblocking system suitable for UN ECE R13 regulation and an integrated RSS electronic stability control system in the braking system.   |
| <b>Tyre Size</b>       | Tyre size 385/65 R 22.5   |
| <b>Axles</b>           | BPW air suspension and disc brake axle with 3 x 9 tons capacity   |
| <b>Electric System</b> | ASPÖCK branded lighting system  |
| <b>Manhole Number</b>  | 1 unit  |
| <b>Discharge Line</b>  | The discharge line starts with a handwheel controlled DN100 bottom valve acc. to EN14433, continues with a mechanically controlled shut-off valve acc. to EN14432, which has an important role in providing safe discharge, ends with a DN80 TW-Coupling with blind cover. There is a 1/2 ball valve for sampling between the shut-off valve and the TW-Coupling. |
| <b>Hose Carrier</b>    | Open-top box type 6 meter hose holder made of aluminium   |

### Enhanced Features

#### Volume Options

The tanker can be manufactured with different volumes such as 30 m<sup>3</sup>, 32 m<sup>3</sup>, 33 m<sup>3</sup>, 34 m<sup>3</sup> or 37,5 m<sup>3</sup>

#### Certification

Fully in compliance with ADR regulations (ADR 4.3.4, ADR 6.8, EN14025, EN14433, EN14432 and EN3-7:2004)

#### Wide Range of Options

- Heating and insulation option for discharge line
- Electrical heating
- Bitumen pump options
- Stainless steel claddings
- Aluminum or stainless steel sliding dome collar cover with or without insulation
- Pneumatic operated aluminum handrails from ground level
- Pneumatic controlled stainless steel DN 100 or DN 80 bottom valve
- Pneumatic controlled stainless steel DN 100 or DN 80 butterfly valve
- Discharge box options

### TECHNICAL DATA

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Fifth Wheel Height (H5)</b>  | 1.220 mm                            |
| <b>Tank Diameter (D)</b>        | 2.000 mm                            |
| <b>Wheelbase (Wb)</b>           | 6.300 mm                            |
| <b>External Length (L)</b>      | 11.250 mm                           |
| <b>Volume</b>                   | 32,0 m <sup>3</sup>                 |
| <b>Tare Weight ±%3</b>          | 6.400 kg                            |
| <b>Operation Temperature °C</b> | The operating temperature is 250 °C |
| <b>Test Pressure (Bar)</b>      | 4,0 bar                             |
| <b>Operation Pressure (Bar)</b> | The operating pressure is 2,0 bar   |

### TECHNICAL CAPACITIES

|                          |           |
|--------------------------|-----------|
| <b>Axle Load</b>         | 27.000 kg |
| <b>King Pin Capacity</b> | 12.000 kg |

**Kässbohrer semi-trailers are manufactured according to lean production and quality principles in consideration of total cost of ownership.**

*Kässbohrer reserves the right to alter the product specification. Visual and technical data subject to change according to vehicle configuration.*

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