

Tank wagon Legios XXL, 99 m³, Zacns

for the transport of light petrochemical and mineral oil products



Advantages

- The largest tank wagon on the market
- Optimal for products with lower specific density
- High payloads due to low tare weight
- Derailment detector as optional safety equipment
- Without ladder; mobile ladder optionally available



Payload

Load limits	A	B	C	D
S	42.1 t	50.1 t	60.4 t	68.1 t
120	00,0 t			

Tare weight 21'900 kg +/- 2%

Dimensions

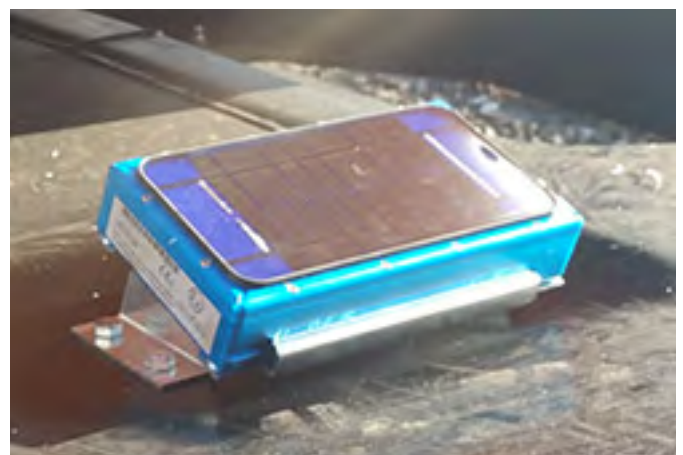
Length over buffers	16'480 mm
Outer axle base	13'160 mm
Track gauge	1'435 mm
Minimum radius	35 m
Axle load	22,5 t
Max. ferryboat ramp angle	2°30', R 120 m

Tank

Tank capacity	99'000 l
Tankcode	L4BH
Tank material	Stahl P355N
Calculated pressure	4 bar
Max- working pressure	3 bar
Calculated temperature	-20 °C / +50 °C

Technical data

UIC-Profile	TEN GE, G1
Brake	Noise reduced KE-GP (K)
Brake pad	J822
Hand brake	20 t
Bogies	Y25 Lsd, H-Frame
Wheelssets	BA 004
Safety features	Optional crash buffers, buffer override protection, derailment detector

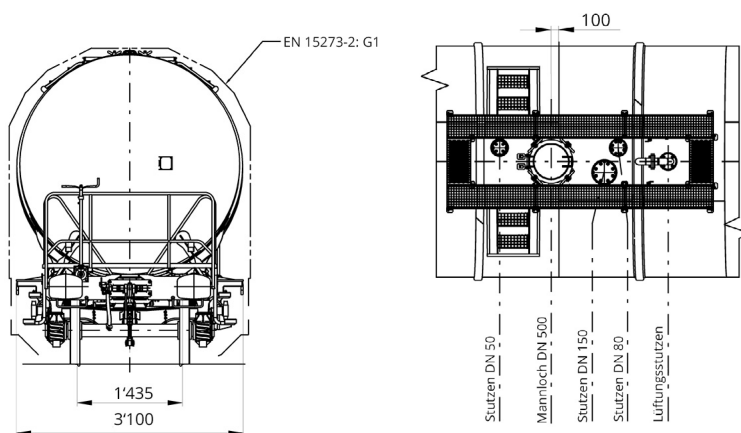
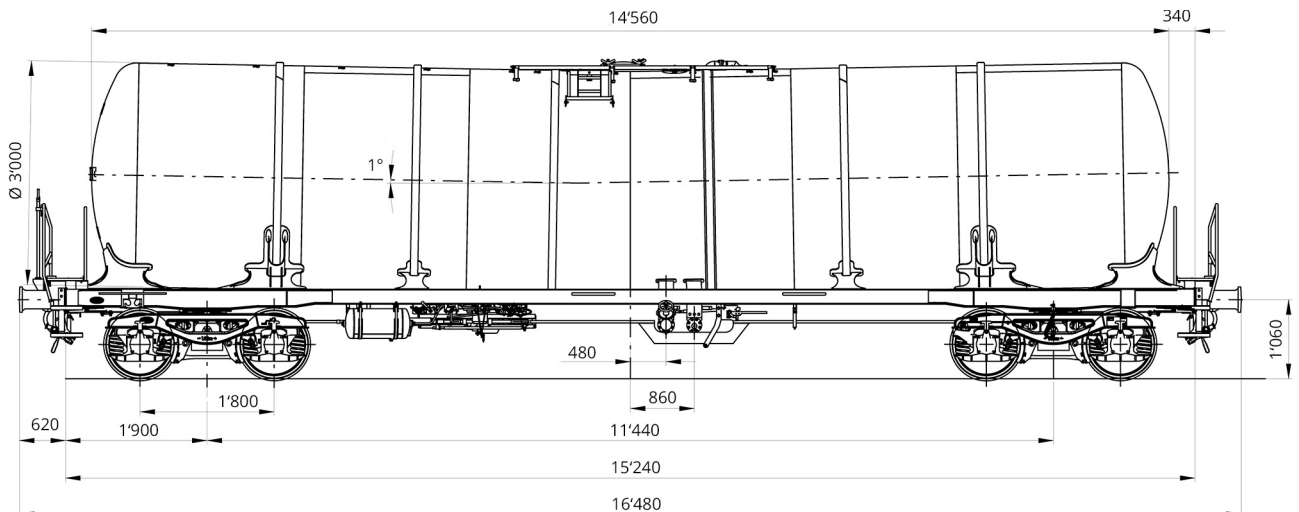


Optional telematics – for more efficient operations, optimal maintenance and to avoid critical events

Equipment

Manhole	DN 500, 4 manlid screws
Bottom valve	Mechanical operation
T drain line	DN 100
Side valves	DN 100 with end caps W 5 1/2" with screw cap, alternatively blind flange
Vent valve, automatic activation together with the bottom valve	DN 50
Connection for gas displacement pipe	DN 80, variable connection possibilities dry clutch variable
Gas displacement pipe	DN 80 mit Unterdruckklappe / Connection dry clutch
Riser pipe nozzle with blind flange	DN 150, Connection possibility: Riser pipe DN 80 with drain valve
Pressure nozzle DN 50 blind flanged	Alternatively drain valve DN 50
Special nozzle DN 80 blind flanged	Connection possibility: drain valve DN 80

Side view



Optimal for the transport of

Optimal for products with lower specific gravity from 0.75 to 0.81 t/m³

- Light distillates
- Fuels
- Ethanol
- Acetone
- Jet A-1 and jet fuels