

VEHICLE PROGRAM

SPITZER:

When partnership creates advantages.

Spitzer Silo dry bulk tankers.



SPITZER

GIVING OUR ALL, FOR GENERATIONS. THE HIGH QUALITY OF OUR VEHICLES, OUR TOTAL FOCUS ON THE CUSTOMER AND OUR RELIABLE SERVICE ALL ENSURE THAT YOU WON'T EVER REGRET BUYING A SPITZER DRY BULK TANKER.

ALL IN ALL: UNRIVALLED. PREMIUM QUALITY DRY BULK TANKERS.

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// THE SPITZER SILO GROUP CAN LOOK BACK ON A LONG HISTORY. FOUNDED IN 1872, OUR FAMILY COMPANY IS A PIONEER IN THE FIELD OF DRY BULK TANKERS. WE HAVE BEEN GIVING OUR ALL FOR GENERATIONS. WE SEE OURSELVES AS A RELIABLE PARTNER FOR OUR CUSTOMERS. THE NAME SPITZER STANDS FOR THE FACT THAT WE KEEP TO OUR PROMISES – THAT IS MY PERSONAL GUARANTEE. //



YOUR SUCCESS

is our drive.



SPITZER SILO HAS BECOME SYNONYMOUS WITH DRY BULK TANKERS. THIS IS BOTH OUR PROMISE TO OUR CUSTOMERS AND PROOF OF OUR COMPANY'S DEEP ROOTS IN THIS DEMANDING INDUSTRY.

We have played a pioneering role in shaping the development and production of dry bulk tankers. Many international standards were created at Spitzer Silo. Our customers were and remain our greatest motivation. Direct contact and regular discussions with them are the cornerstone for the development and realisation of new technologies for practical dry bulk tankers that meet different requirements.

Customers from almost all European countries appreciate our cooperative spirit and underline our international positioning, which has made us one of the leading manufacturers of dry bulk tankers in Europe.

SPITZER SILO

a success story.

1872
Family
company
founded.

1950
Company renamed to
Ludwig Spitzer sen. KG.
The first silo truck
developed and
produced.

1966
Production plant established in
Fegersheim/Strasbourg, France.

1992
Renowned silo pressure vessel
production company based in
Pécs, Hungary acquired.

1997
Spitzer Silo Fahrzeugwerke GmbH
acquired by Karl Heinz and
Udo Spitzer (management in main
plant in Elztal-Dallau).

2001
Distribution company Spitzer Silo
Polska founded in Poland.
Legal form of company converted
from GmbH & Co. KG to GmbH.

2016
Udo Spitzer changes to the
business advisory board;
new managing director
now is Heiko Jung, he will
lead the family company
together with Eirik Spitzer.

2008
Plant expanded
in Dallau.

1948
Production of
agricultural and
traffic trailers.

END OF THE 60s
Main plant constructed,
relocated to Elztal-Dallau.

1970
Karl Heinz Spitzer
takes over as company
manager.

2000
New repair works constructed in
Elztal-Dallau, plant in Hungary
expanded.

2006
Plants expanded in
Dallau and Hungary.

2010
Composite vehicle
developed in the plant
in Fegersheim, France.

2022
150th company
anniversary
Foundation of
company Spitzer 1872.



QUALITY

bonds.

WHEN IT COMES TO THE QUALITY OF OUR DRY BULK TANKERS, WE HAVE ONLY ONE PRINCIPLE: THE BEST MATERIALS, PROCESSED WITH SKILL AND WITH NO COMPROMISES.

It is only when the quality is up to scratch that our vehicles can meet the high demands of our customers over the long term. Quality begins with consultation: understanding customer requirements and successfully implementing these is the real challenge. Our professionals can do both. Our decades of experience gained through numerous orders and the new ideas from our customers and employees are constantly flowing into each production. You can rely on Spitzer Silo.



Technology which convinces – To count on experience

- // high level of cost effectiveness
- // customer-friendly maintenance intervals
- // optimum of loading capacity
- // highest safety standards
- // uncompromising quality
- // partner-like cooperation

Always a suitable solution – For every need

- // non-tipping type semi-trailers
- // tipping type semi-trailers
- // full trailers
- // truck mounted units
- // interchangeable systems (BDF)
- // tankers for hazardous goods (ADR)
- // vacuum tankers



IT'S SERVICE

without borders.

F
FEGERSHEIMD
ELZTAL-DALLAUH
PÉCS

THE GLOBAL SERVICE NETWORK IS A FURTHER KEY FEATURE OF THE SPITZER GROUP.

It supports our customers in their day-to-day work. A high-performance service centre with an extensively stocked spare parts warehouse is available at our head-quarter in Elztal-Dallau. The professionally managed service team and the stocking of spare parts guarantees that each and every customer can be assisted swiftly. And should you breakdown, we provide the renowned, high-quality Spitzer service on locations in many European countries.



**PROFESSIONAL REPAIR
SERVICE, FAST AND
RELIABLE**



**RAPID PROVISION OF SPARE
PARTS, ALL PARTS STOCKED
IN THE WAREHOUSE**



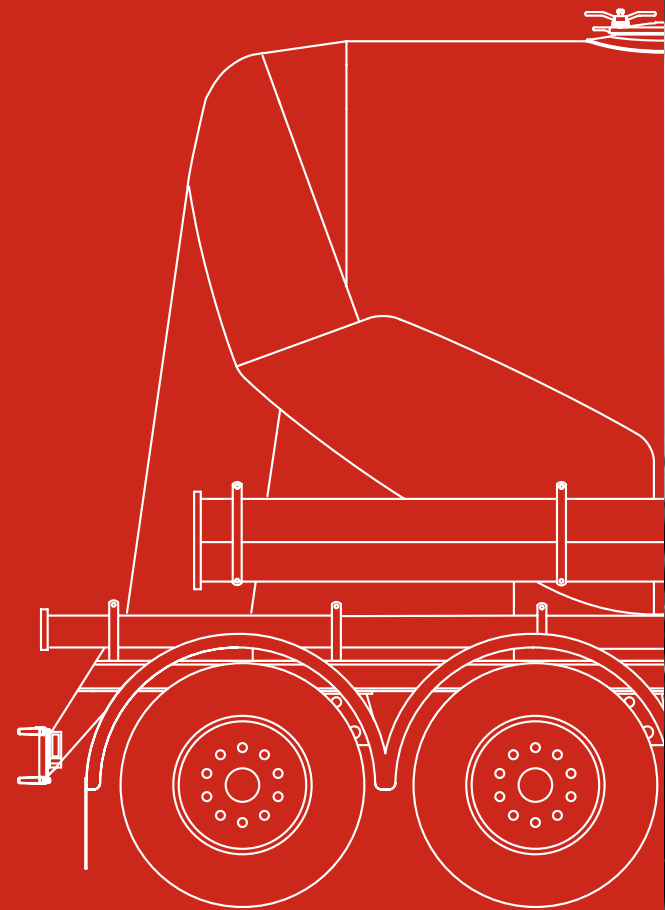
From approx. 23 m³ to approx. 63 m³

Non-tipping type SEMI- TRAILERS // SF

YOU ARE IN SEARCH OF AN EFFICIENT DRY BULK CARRIER? SPITZER IS THE SPOT-ON SUPPLIER. WITH A VOLUME OF APPROX. 23 m³ TO APPROX. 63 m³ OUR VEHICLE PROGRAM OFFERS THE LATEST TECHNOLOGY.

As a pioneer in this demanding part of transportation Spitzer delivers to his customers solutions for the deciding advantage in operating efficiency.

Our non-tipping tankers (SF) are excellent suitable for transportation of cement, filler, lime, mortar, calcium carbonate, iron oxide, pumice stone, sand, feldspar, ash, liquid manure, flour, gravel, corn, rolled oats, bran, rice, feed pellets and much more.

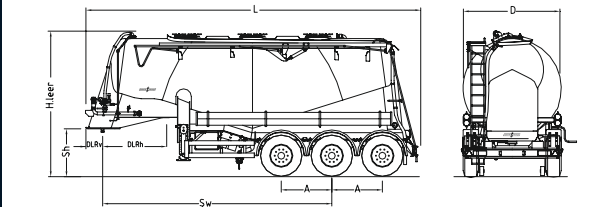


Non-tipping type semi-trailers // SF



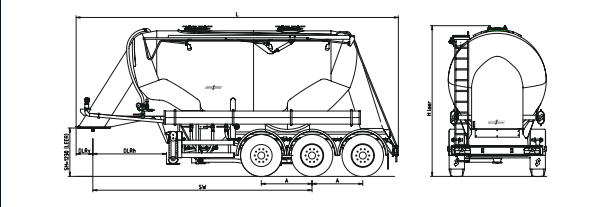
// SF 2723 FL (liquid)

Total length	L	ca.	8.600 mm
Diameter of vessel	D		2.500 mm
Height unladen	Empty	ca.	3.750 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	1.950 mm
Wheel base	Sw	ca.	5.940 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	23 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,1 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [3x]
Outlet system			DN 200 [1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



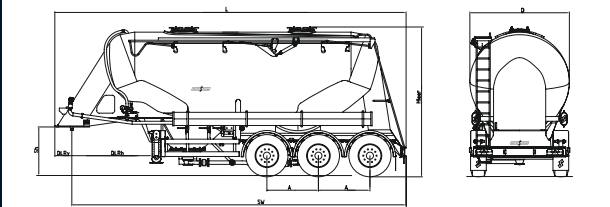
// SF 2725/2 P

Total length	L	ca.	8.320 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.820 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	510 mm
Rear swing turning radius	DLRh	ca.	2.250 mm
Wheel base	Sw	ca.	5.660 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	25 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,1 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [2x]
Outlet system			DN 800 [2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



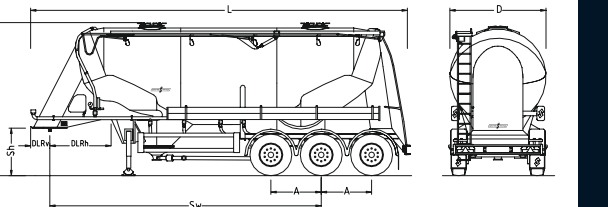
// SF 2731/2 P

Total length	L	ca.	8.930 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.900 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.050 mm
Wheel base	Sw	ca.	6.270 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	31 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,15 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [2x]
Outlet system			DN 800 [2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// SF 2734/2 P

Total length	L	ca.	9.300 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	6.560 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	34 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,25 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [2x]
Outlet system			DN 800 [2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

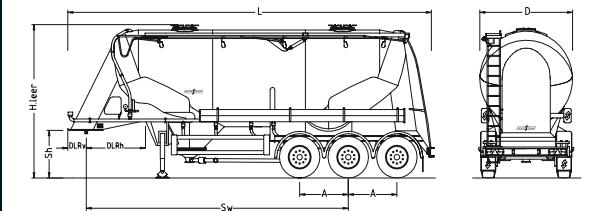


Non-tipping type semi-trailers // SF



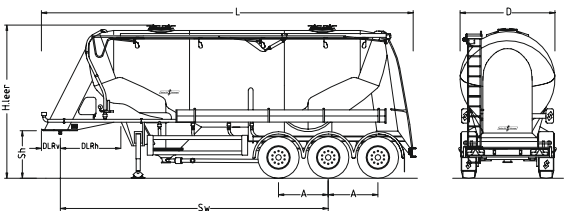
// SF 2737/2 P

Total length	L	ca.	9.800 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	7.060 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	37 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,35 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [2x]
Outlet system			DN 800 [2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



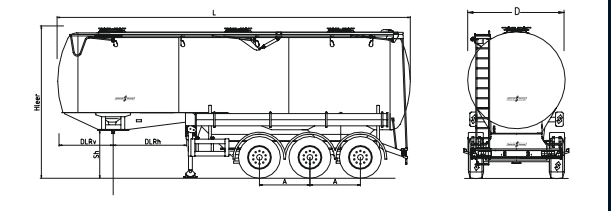
// SF 2739/2 P

Total length	L	ca.	10.270 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.980 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.100 mm
Wheel base	Sw	ca.	7.600 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	39 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,5 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [2x]
Outlet system			DN 800 [2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



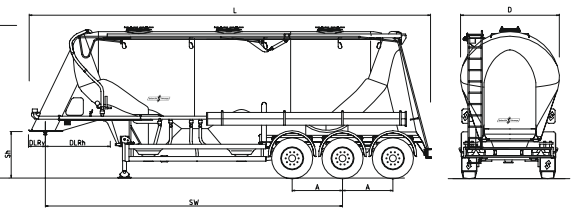
// SF 2737/3 Z

Total length	L	ca.	9.400 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.600 mm
Rear swing turning radius	DLRh	ca.	1.950 mm
Wheel base	Sw	ca.	5.250 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	37 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,3 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [3x]
Outlet system			DN 800 [3x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// SF 2738/3 P

Total length	L	ca.	10.200 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.980 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	7.525 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	38 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,7 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [3x]
Outlet system			DN 800 [3x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

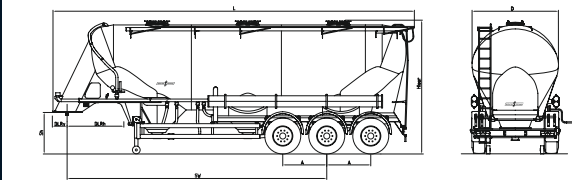


Non-tipping type semi-trailers // SF



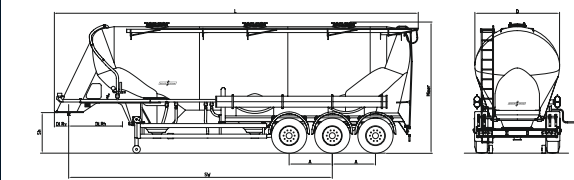
// SF 2745/3 P

Total length	L	ca.	10.520 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.980 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	7.730 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	45 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,8 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [3x]
Outlet system			DN 800 [3x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



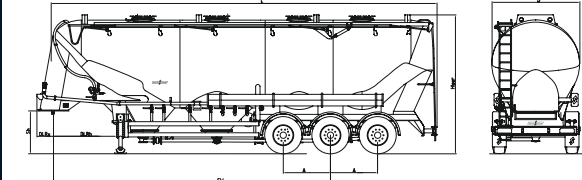
// SF 2748/3 P

Total length	L	ca.	11.050 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	2.050 mm
Wheel base	Sw	ca.	8.000 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	48 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	4,9 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [3x]
Outlet system			DN 800 [3x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



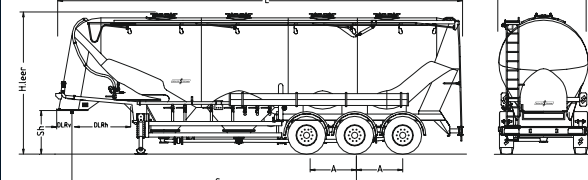
// SF 2754/4 P ADR

Total length	L	ca.	11.500 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.990 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	1.850 mm
Wheel base	Sw	ca.	8.000 mm
Distance between the axles	A	ca.	1.360 mm
Volume	V	ca.	54 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,7 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [4x]
Outlet system			DN 800 [4x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// SF 2755/4 P

Total length	L	ca.	11.750 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	1.850 mm
Wheel base	Sw	ca.	8.000 mm
Distance between the axles	A	ca.	1.360 mm
Volume	V	ca.	55 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,25 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450 [4x]
Outlet system			DN 800 [4x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

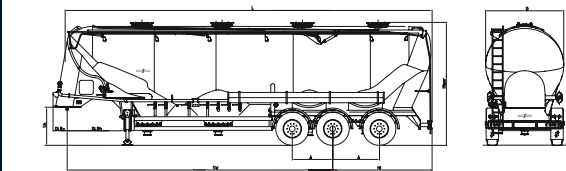


Non-tipping type semi-trailers // SF



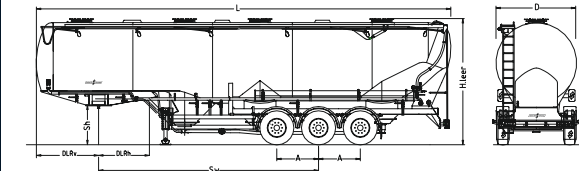
// SF 2758/4 P

Total length	L	ca.	12.450 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	700 mm
Rear swing turning radius	DLRh	ca.	1.850 mm
Wheel base	Sw	ca.	7.945 mm
Distance between the axles	A	ca.	1.310/1.510 mm
Volume	V	ca.	58 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,5 t
5 th wheel load			13 t
Axle assembly		3 x 9 t air suspended	
Tyres		385/65 R22,5 [6x]	
Manholes		DN 450[4x]	
Outlet system		DN 800 [4x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



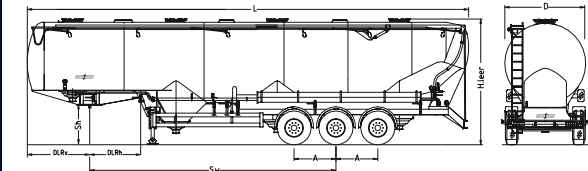
// SF 2759/4 Z

Total length	L	ca.	13.050 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.970 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.960 mm
Rear swing turning radius	DLRh	ca.	1.800 mm
Wheel base	Sw	ca.	6.900 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	59 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	6,1 t
5 th wheel load			13 t
Axle assembly		3 x 9 t air suspended	
Tyres		385/65 R22,5 [6x]	
Manholes		DN 450[4x]	
Outlet system		DN 800 [4x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



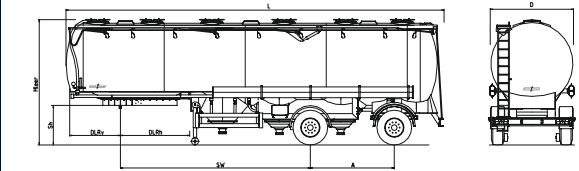
// SF 2763/4 Z

Total length	L	ca.	13.850 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.970 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.960 mm
Rear swing turning radius	DLRh	ca.	1.800 mm
Wheel base	Sw	ca.	7.700 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	63 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	6,25 t
5 th wheel load			13 t
Axle assembly		3 x 9 t air suspended	
Tyres		385/65 R22,5 [6x]	
Manholes		DN 450[4x]	
Outlet system		DN 800 [4x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



// SF 2052/6 ZHL

Total length	L	ca.	11.800 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.900 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	6.050 mm
Distance between the axles	A	ca.	1.800 mm
Volume	V	ca.	52 m³
Chambers			1
Semi-trailer adm. total weight			32 t
Semi-trailer axle load			20 t
Semi-trailer tare weight		ca.	7,25 t
5 th wheel load			12 t
Axle assembly		2 x 10 t air suspended	
Tyres		385/65 R22,5 [4x]	
Manholes		DN 450[6x]	
Outlet system		DN 800 [6x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	

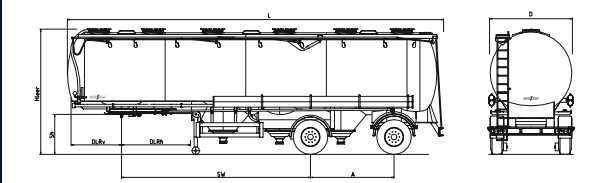


Non-tipping type semi-trailers // SF



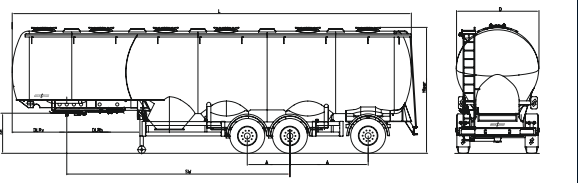
// SF 2052/6 ZML (zwangsgelenkt)

Total length	L	ca.	11.450 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.900 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.900 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	5.900 mm
Distance between the axles	A	ca.	2.550 mm
Volume	V	ca.	52 m³
Chambers			1
Semi-trailer adm. total weight			32 t
Semi-trailer axle load			20 t
Semi-trailer tare weight		ca.	7,2 t
5 th wheel load			12 t
Axle assembly		2 x 10 t air suspended	
Tyres		385/65 R22,5 [4x]	
Manholes		DN 450 [6x]	
Outlet system		DN 800 [6x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



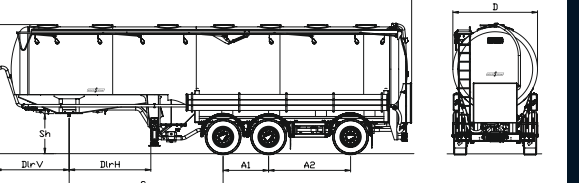
// SF 2753/6 ZHL

Total length	L	ca.	12.100 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.900 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	6.050 mm
Distance between the axles	A	ca.	1.310/2.300 mm
Volume	V	ca.	53 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	7,5 t
5 th wheel load			13 t
Axle assembly		3 x 9 t air suspended	
Tyres		385/65 R22,5 [6x]	
Manholes		DN 450 [6x]	
Outlet system		DN 800 [6x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



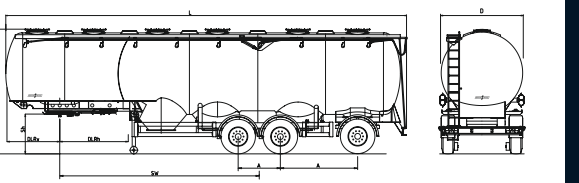
// SF 2753/7 ZEHL

Total length	L	ca.	11.980 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.730 mm
Rear swing turning radius	DLRh	ca.	2.300 mm
Wheel base	Sw	ca.	4.600 mm
Distance between the axles	A	ca.	1.360/2.450 mm
Volume	V	ca.	53 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	8,1 t
5 th wheel load			13 t
Axle assembly		3 x 9 t air suspended	
Tyres		385/65 R22,5 [6x]	
Manholes		DN 450 [7x]	
Outlet system		DN 800 [7x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



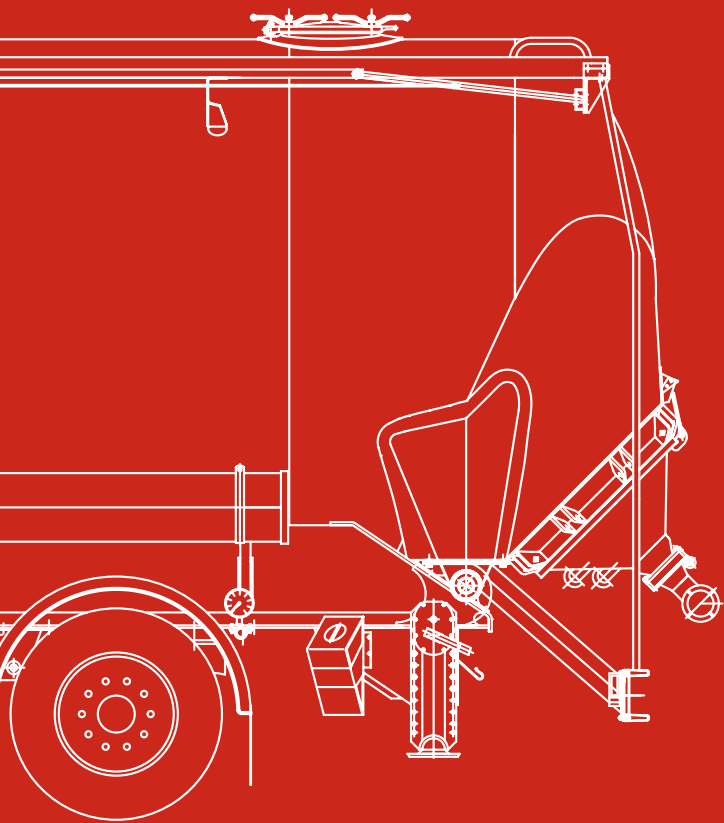
// SF 2755/6 ZML

Total length	L	ca.	12.250 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.900 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.900 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	6.200 mm
Distance between the axles	A	ca.	1.310/2.440 mm
Volume	V	ca.	55 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	8,1 t
5 th wheel load			13 t
Axle assembly		3 x 9 t air suspended	
Tyres		385/65 R22,5 [6x]	
Manholes		DN 450 [6x]	
Outlet system		DN 800 [6x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



From approx. 38 m³ to approx. 89 m³

Tipping type SEMI- TRAILERS // SK



OUR TIPPING TRAILERS ARE WELL-KNOWN FOR STABILITY, ROBUSTNESS AND EASE OF USE.

A modular system is the basis for our designer to configure your new trailer with a high volume, low tare weight and low life cycle costs which are in accordance with your calculations.

The following materials, among others, are transported in our vehicles: sand, gravel, cement, plaster, sugar, salt, cacao beans, coffee beans, breadcrumbs, filler for various industrial sectors, wood shavings, corn and special starches, milk powder, hard gelatine capsules, perlite and wood flour, clay, pulverised stone, plastic granulate, diverse chemical powders, grinding powder for tooth pastes, coal dust, wood pellets, various breeding and concentrated feed pellets. Many of our tipping tankers are also available in ADR-execution for transportation of hazardous goods.

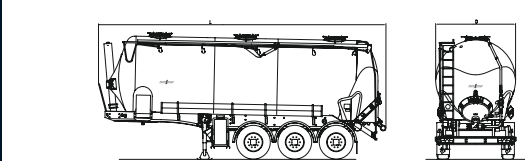


Tipping type semi-trailers // SK



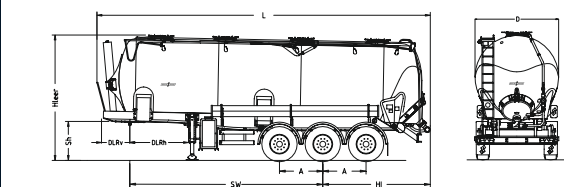
// SK 2738 CAL

Total length	L	ca.	9.150 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty		4.000 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.300 mm
Rear swing turning radius	DLRh	ca.	1.950 mm
Wheel base	Sw	ca.	4.810 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	3.040 mm
Volume	V	ca.	38 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,1 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[3x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



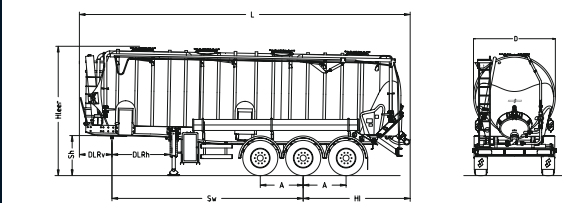
// SK 2740 CAL

Total length	L	ca.	10.000 mm
Diameter of vessel	D		2.400 mm
Height unladen	Empty	ca.	3.850 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.150 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	5.840 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	3.010 mm
Volume	V	ca.	40 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,4 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[4x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



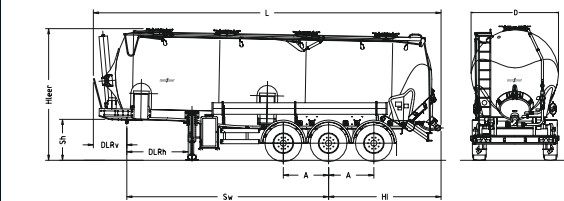
// SK 2740 CAL (Vakuum)

Total length	L	ca.	10.000 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.850 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.150 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	5.840 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	3.010 mm
Volume	V	ca.	40 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	6,1 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[4x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// SK 2745 CAL

Total length	L	ca.	10.250 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.950 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.150 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	5.840 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	3.260 mm
Volume	V	ca.	45 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,5 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[4x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

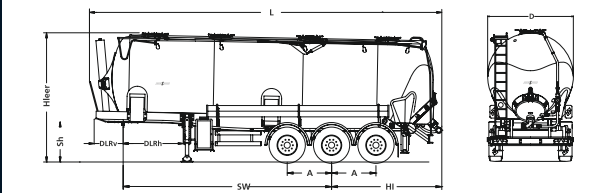


Tipping type semi-trailers // SK



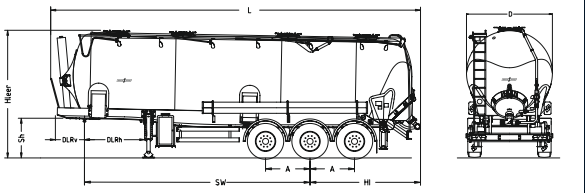
// SK 2748 CAL

Total length	L	ca.	10.740 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.990 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.150 mm
Rear swing turning radius	DLRh	ca.	2.000 mm
Wheel base	Sw	ca.	6.365 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	3.225 mm
Volume	V	ca.	48 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,8 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[4x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



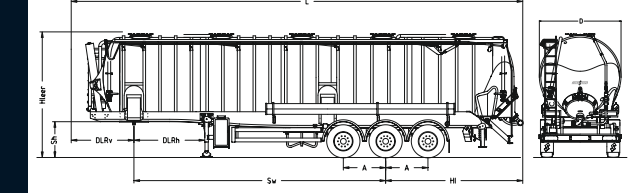
// SK 2753 CAL

Total length	L	ca.	12.000 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty	ca.	3.980 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.600 mm
Rear swing turning radius	DLRh	ca.	2.100 mm
Wheel base	Sw	ca.	6.330 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	4.070 mm
Volume	V	ca.	53 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	5,9 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[4x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



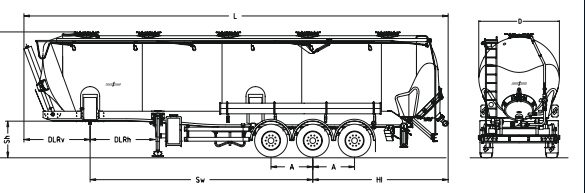
// SK 2759 CAL (Vakuum/ADR)

Total length	L	ca.	13.500 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty		4.000 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	1.500 mm
Rear swing turning radius	DLRh	ca.	2.100 mm
Wheel base	Sw	ca.	7.795 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	4.205 mm
Volume	V	ca.	59 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	7,4 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[5x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// SK 2760 CAL

Total length	L	ca.	13.200 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty		4.000 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv		2.040 mm
Rear swing turning radius	DLRh	ca.	2.050 mm
Wheel base	Sw	ca.	6.985 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	4.175 mm
Volume	V	ca.	60 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	6,25 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[5x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

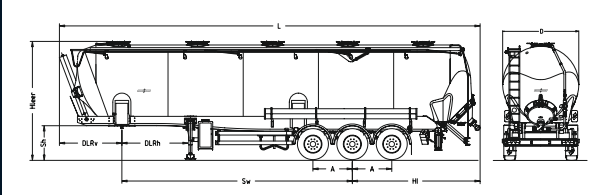


Tipping type semi-trailers // SK



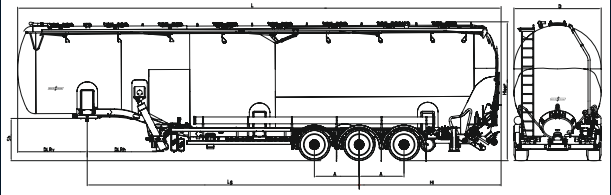
// SK 2766 CAL

Total length	L	ca.	14.040 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty		4.000 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv	ca.	2.040 mm
Rear swing turning radius	DLRh	ca.	2.050 mm
Wheel base	Sw	ca.	7.485 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	4.515 mm
Volume	V	ca.	66 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	6,4 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/65 R22,5 [6x]
Manholes			DN 450[5x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// SK 2789 ZOC

Total length	L		14.040 mm
Diameter of vessel	D		2.550 mm
Height unladen	Empty		4.000 mm
5 th wheel height laden	Sh	ca.	1.200 mm
Front swing turning radius	DLRv		2.040 mm
Rear swing turning radius	DLRh	ca.	1.900 mm
Wheel base	Sw	ca.	7.950 mm
Distance between the axles	A	ca.	1.310 mm
Center axle – end of vehicle	HI	ca.	4.050 mm
Volume	V	ca.	89 m³
Chambers			1
Semi-trailer adm. total weight			40 t
Semi-trailer axle load			27 t
Semi-trailer tare weight		ca.	9 t
5 th wheel load			13 t
Axle assembly			3 x 9 t air suspended
Tyres			385/55 R22,5 [6x]
Manholes			DN 450[8x]
Outlet system			DN 800/200[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



SPITZER:
Our name, our promise.



From approx. 23 m³ to approx. 31 m³

Truck mounted units A//AK//API

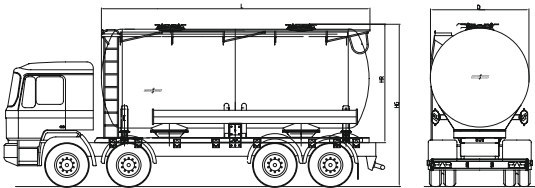
PROFESSIONAL AND CUSTOM-MADE SOLUTIONS FOR MATERIAL DISTRIBUTION ARE THE BASIS FOR OUR GLOBAL SUPPLY OF DRY BULK CARRIERS.

According to the requirements of material kind and material condition Spitzer offers the technology which is necessary for efficient and economic transportation.



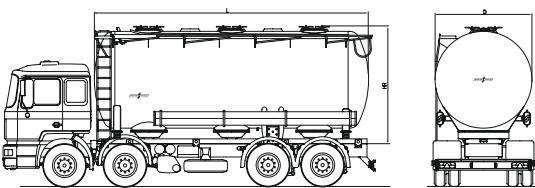
// A 23/2

Total length of vessel	L	ca.	6.550 mm
Diameter of vessel	D		2.400 mm
Height above top of chassis frame	HI	ca.	2.900 mm
Volume	V	ca.	23 m³
Chambers			1
Tare weight of vessel		ca.	2,3 t
Manholes			DN 450 [2x]
Outlet system			DN 800 [2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// A 26/3

Total length of vessel	L	ca.	6.700 mm
Diameter of vessel	D		2.400 mm
Height above top of chassis frame	HI	ca.	2.900 mm
Volume	V	ca.	26 m³
Chambers			1
Tare weight of vessel		ca.	2,5 t
Manholes			DN 450 [3x]
Outlet system			DN 800 [3x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

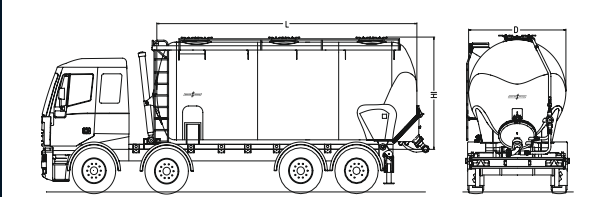


Truck mounted units A // AK // API



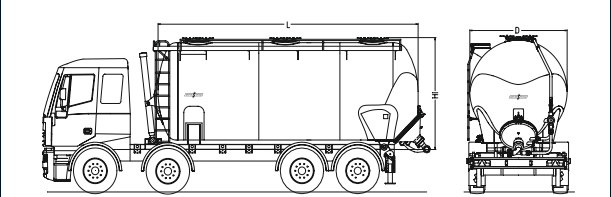
// AK 28

Total length of vessel	L	ca.	6.500 mm
Diameter of vessel	D		2.550 mm
Height above top of chassis frame	HI	ca.	2.850 mm
Volume	V	ca.	28 m³
Chambers			1
Tare weight of vessel		ca.	2,2 t
Manholes			DN 450[3x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



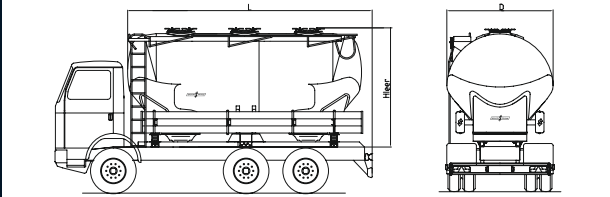
// AK 32

Total length of vessel	L	ca.	7.250 mm
Diameter of vessel	D		2.550 mm
Height above top of chassis frame	HI	ca.	2.850 mm
Volume	V	ca.	32 m³
Chambers			1
Tare weight of vessel		ca.	2,3 t
Manholes			DN 450[3x]
Outlet system			DN 800[1x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



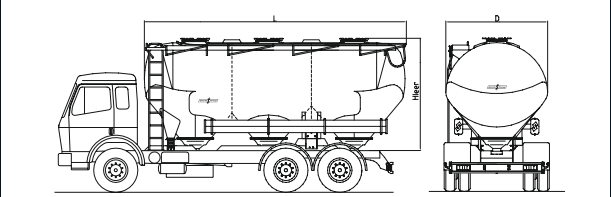
// API 18/2

Total length of vessel	L	ca.	5.600 mm
Diameter of vessel	D		2.550 mm
Height above top of chassis frame	HI	ca.	2.850 mm
Volume	V	ca.	18 m³
Chambers			1
Tare weight of vessel		ca.	2,0 t
Manholes			DN 450[2x]
Outlet system			DN 800[2x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// API 24/3

Total length of vessel	L	ca.	6.400 mm
Diameter of vessel	D		2.550 mm
Height above top of chassis frame	HI	ca.	2.850 mm
Volume	V	ca.	24 m³
Chambers			1
Tare weight of vessel		ca.	2,4 t
Manholes			DN 450[3x]
Outlet system			DN 800[3x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar

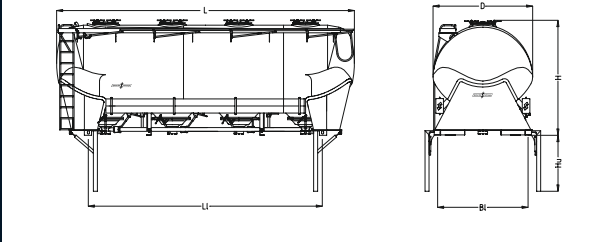


Truck mounted units A // AK // API



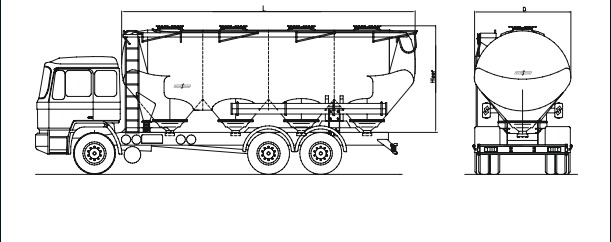
// API 27/4 BDF (Wechselof vessel)

Total length of vessel	L	ca.	7.440 mm
Diameter of vessel	D		2.490 mm
Height above top of chassis frame	HI	ca.	1.320 mm
Volume	V	ca.	27 m³
Chambers			1
Tare weight of vessel		ca.	2,65 t
Manholes			DN 450[4x]
Outlet system			DN 800[4x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



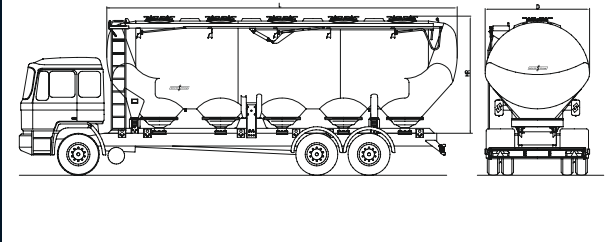
// API 31/4

Total length of vessel	L	ca.	7.650 mm
Diameter of vessel	D		2.550 mm
Height above top of chassis frame	HI	ca.	2.850 mm
Volume	V	ca.	31 m³
Chambers			1
Tare weight of vessel		ca.	2,35 t
Manholes			DN 450[4x]
Outlet system			DN 800[4x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



// API 35/5

Total length of vessel	L	ca.	8.570 mm
Diameter of vessel	D		2.550 mm
Height above top of chassis frame	HI	ca.	2.850 mm
Volume	V	ca.	35 m³
Chambers			1
Tare weight of vessel		ca.	2,6 t
Manholes			DN 450[5x]
Outlet system			DN 800[5x]
Operating temp.			-40 °C/+80 °C
Operating pressure			2 bar



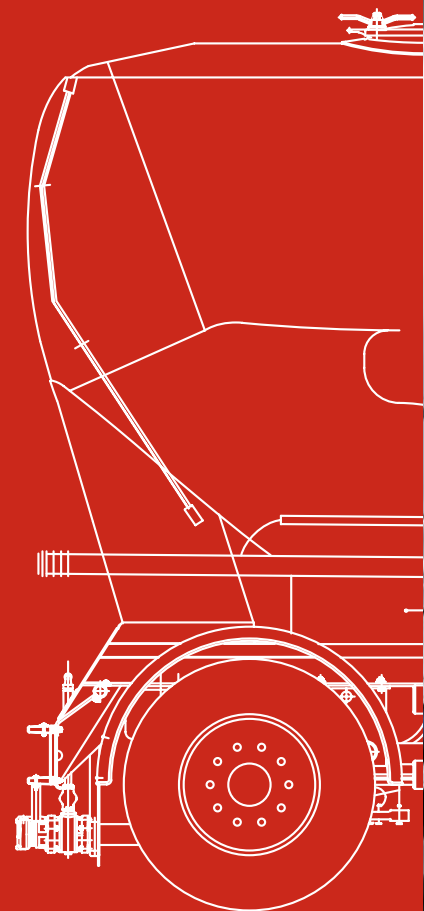
From approx. 18 m³ to approx. 33 m³

Full-trailers

SAPI//ZA

DRAWBAR COMBINATIONS WITH SPITZER FULL-TRAILERS ARE LIKE TOP ATHLETES, SLIM BUT WITH A HIGH CAPACITY FOR A PROFITORIENTED OPERATION.

According to the transportation business we quote praxis-oriented additional equipment which fulfils the requirements for transportation of food stuff, animal feed, bulk materials, wood pellets or for further transportation goods.

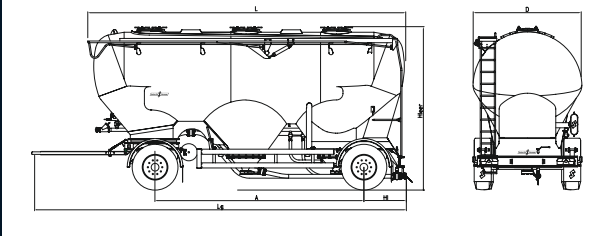


Full-trailers SAPI // ZA



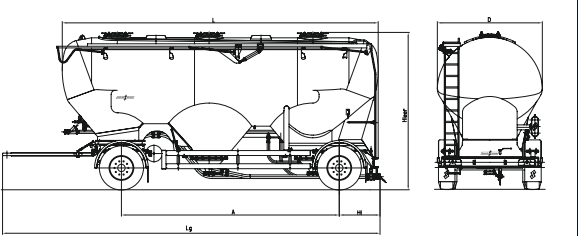
// SAPI 1830/3

Total length	Lg	ca.	8.720 mm
Length of vessel	L	ca.	7.270 mm
Diameter of vessel	D		2.550 mm
Center axle – end of vehicle	Hl	ca.	1.030 mm
Height unladen	Empty	ca.	3.850 mm
Distance between the axles	A	ca.	4.850 mm
Volume	V	ca.	30 m³
Chambers			1
Semi-trailer adm. total weight			18 t
Semi-trailer axle load			2 x 9 t
Semi-trailer tare weight		ca.	3,7 t
Axle assembly		2 x 9 t air suspended	
Tyres		385/65 R22,5 [4x]	
Manholes		DN 450 [3x]	
Outlet system		DN 800 [3x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



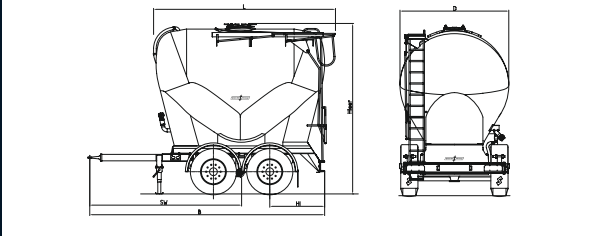
// SAPI 1833/3

Total length	Lg	ca.	9.120 mm
Length of vessel	L	ca.	7.670 mm
Diameter of vessel	D		2.550 mm
Center axle – end of vehicle	Hl	ca.	1.030 mm
Height unladen	Empty	ca.	3.850 mm
Distance between the axles	A	ca.	5.250 mm
Volume	V	ca.	33 m³
Chambers			1
Semi-trailer adm. total weight			18 t
Semi-trailer axle load			2 x 9 t
Semi-trailer tare weight		ca.	3,8 t
Axle assembly		2 x 9 t air suspended	
Tyres		385/65 R22,5 [4x]	
Manholes		DN 450 [3x]	
Outlet system		DN 800 [3x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



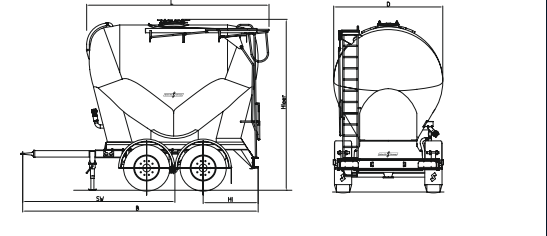
// ZA 1818/1

Maß B	B	ca.	5.700 mm
Length of vessel	L	ca.	4.000 mm
Diameter of vessel	D		2.550 mm
Center axle – end of vehicle	Hl	ca.	1.275 mm
Height unladen	Empty	ca.	3.920 mm
Wheel base	Sw	ca.	3.540 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	18 m³
Chambers			1
Semi-trailer adm. total weight			18 t
Semi-trailer axle load			2 x 9 t
Semi-trailer tare weight		ca.	2,6 t
Axle assembly		2 x 9 t air suspended	
Tyres		385/65 R22,5 [4x]	
Manholes		DN 450 [1x]	
Outlet system		DN 800 [1x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



// ZA 1820/1

Maß B	B	ca.	6.100 mm
Length of vessel	L	ca.	4.420 mm
Diameter of vessel	D		2.550 mm
Center axle – end of vehicle	Hl	ca.	1.440 mm
Height unladen	Empty	ca.	3.920 mm
Wheel base	Sw	ca.	4.000 mm
Distance between the axles	A	ca.	1.310 mm
Volume	V	ca.	20 m³
Chambers			1
Semi-trailer adm. total weight			18 t
Semi-trailer axle load			2 x 9 t
Semi-trailer tare weight		ca.	2,7 t
Axle assembly		2 x 9 t air suspended	
Tyres		385/65 R22,5 [4x]	
Manholes		DN 450 [1x]	
Outlet system		DN 800 [1x]	
Operating temp.		-40 °C/+80 °C	
Operating pressure		2 bar	



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