

## 54' Container flat wagon, Sgmmns

For the transport of intermodal loading units  
Component of the Wascosa flex freight system®



### Advantages

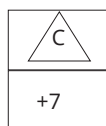
- Wascosa flex freight system®: Transport of various goods thanks to the combination of the particularly light container flat wagon with a customised superstructure
- The combination of the wagon with 45' or 52' tank containers can replace tank wagons and allows the independent maintenance of both components
- Transport of tank containers in single wagonload traffic with up to 2.70 m container height in the G1 profile



### Payload

Load limits	A	B	C	D
S	47.5 t	55.5 t	65.5 t	73.5 t
120	00.0 t			

Wagon marking



Tare weight 16.5 t +/- 3%

### Dimensions

Length over buffers	17,800 mm
Loading length	16,470 mm
Distance between bogie centres	11,920 mm
Height of buffers above rail level	1,025 mm
Distance between axles in bogie	1,800 mm
Height above rail level of loading level for containers	1,105 mm
Track gauge	1,435 mm

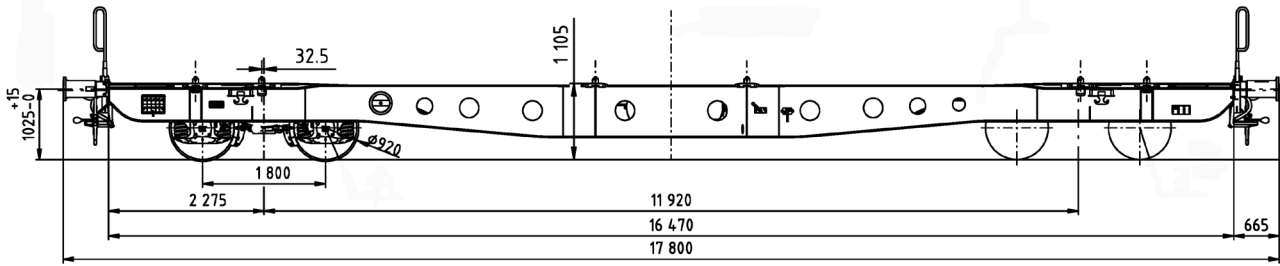
### Technical data

Bogie	Y25 Lsi(f)-C-K
Wheelsets	BA 303 (Ø neu: 920 mm)
Axle load	22.5 t
Brake	Compact brakes CFCB
Brake pad	C 810, 1 x Bgu (2 x 250)
Puffer	Class L with 150 mm stroke
Drawgear	Separated low, 1000 kN with elastomer

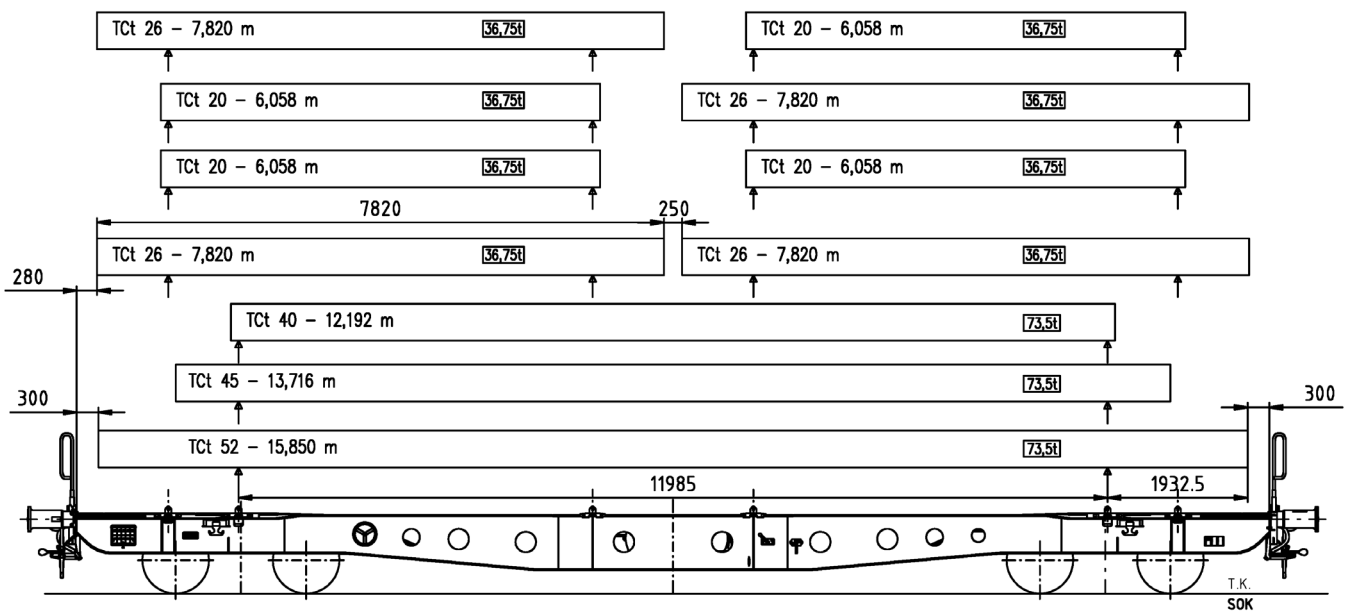
### Operation

Range of use	TEN G1, GE
Transport of 40', 45' and 52' containers	4 fixed container spigots for 40', 45' and 52' containers with max. 73.5 t total weight
Transport of 20' and 26' containers	8 hinged container spigots for 20' and 26' containers as per UIC 592
Smallest navigable track curve radius (single car)	75 m
Smallest navigable track curve radius (in train)	150 m
Max. ferryboat capacity and radius	2°30'; R = 120 m

Side view



Loading plan



The Wascosa flex freight system® container flat wagon can be combined with the following superstructures

