

45' container flat wagon, Sgmmnss

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



Advantages

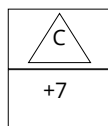
- "5L" flat wagon:
 - Long distance capability thanks to the use of modern disc brakes
 - Extra less noise, only 78 dB(A)
 - Extra light, with a tare weight of 16.5 t
 - Life-cycle cost-oriented, thanks to quickly replaceable components
 - Logistics-friendly thanks to the use of telematics
- Wascosa 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' 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	47.5 t	55.5 t	63.5 t	

Wagon marking



Tare weight 16.5 t +/- 3%

Dimensions

Length over buffers	15,145 mm
Loading length	13,815 mm
Distance between bogie centres	10,185 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

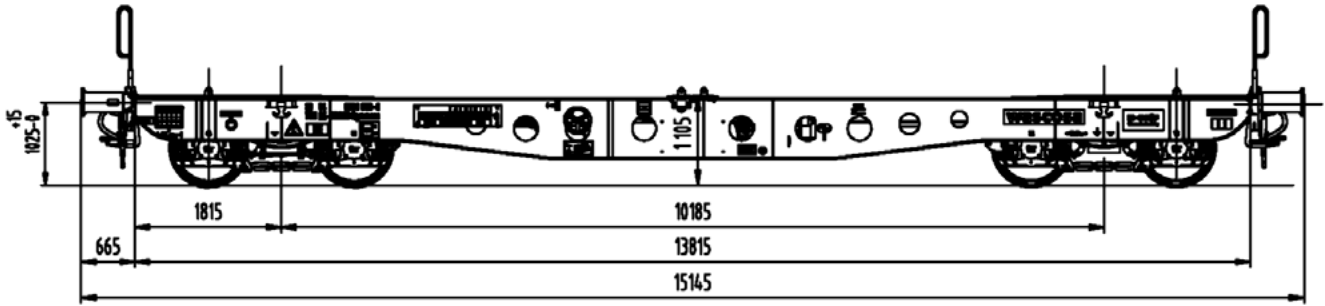
Technical data

Bogie	TVP NG-DBS (Y25Lsso-D)
Wheelsets	RI 706 (Ø : 920 mm)
Axle load	22.5 t
Brake pads	Becorit BM41NT
Brake discs	590 x 110
Brake	Knorr KE-GP-A
Buffers	Class C with 150 mm stroke
Drawgear	1000 kN, with elastomer

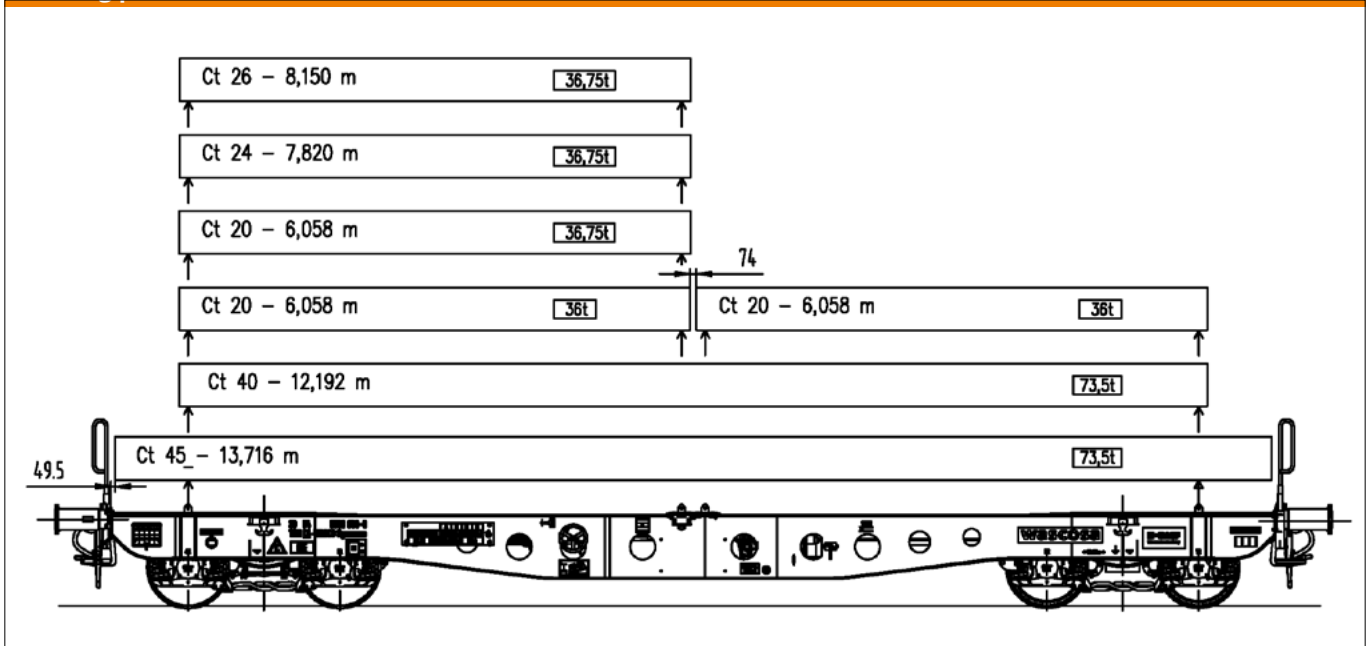
Operation

Range of use	TEN G1, GE
Transport of 40' and 45' containers	4 fixed container spigots for 40' and 45' containers with max. 73.5 t total weight
Transport of 20' containers	4 hinged container spigots for 20' 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

