

Wascosa flex freight system®

41' container flat wagon, Sgmmnss

for the transport of intermodal loading units, hot slabs and more



Advantages

- Optimised payload due to particularly short wagon with high load capacity
- Wascosa flex freight system®: Transport of various goods thanks to the combination of the particularly light container flat wagon with a customized superstructure



Payload

	A	B1	B2	C2/C3/C4	D2	D3/D4
s	46,9t	50,6t	54,9t	64,9t	69,5	72,9
ss	46,9t	50,6t	54,9t	62,9t		

GC	E3
100	82,9

Tare weight 17,1 t

Dimensions

Lenght over buffers	13,900 mm
Loading length	12,660 mm
Distance between bogie centres	8,560 mm
Height of buffers above rail level +5/-10mm	1,025 mm
Distance between axles in bogie	1,800 mm
Height above rail level of loading level for containers	1,155 mm
Track gauge	1,435 mm

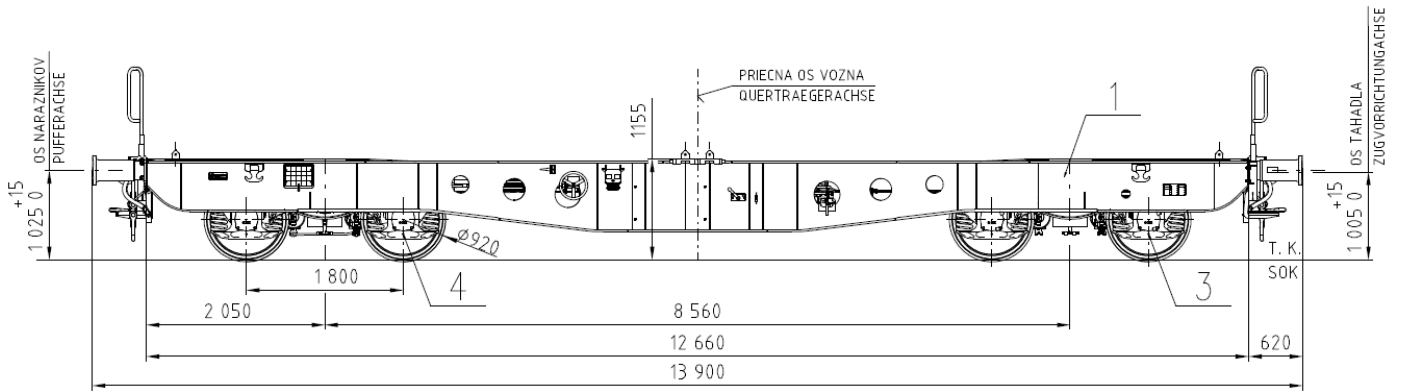
Technical data

Bogie	Y25Lssi(f)-D
Wheelsets	R 61
Axle load	25 t
Brake pads	BM 41 NT
Brake	DAKO DK-GP-A (D)
Buffers	Class A with 105 mm stroke
Dragwear	1500 kN

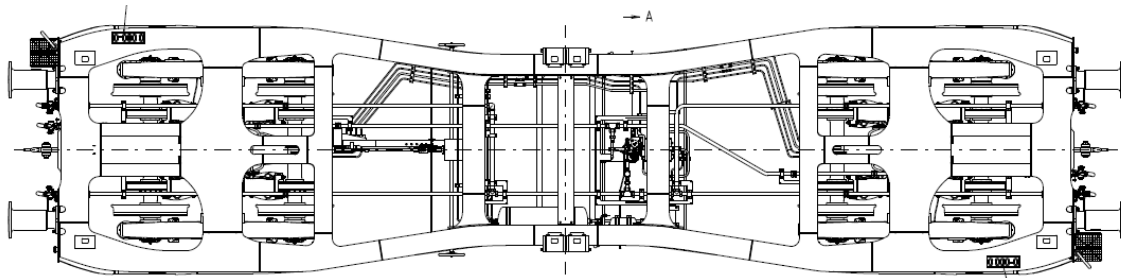
Operation

Range of use	TSI WAG
Transport of hot steel slabs	2 x 20' cassettes with max. 72,9t (SE 82.9t) total weight
Transport of 40' containers	4 container pins for 40' containers with max. 72,9t (SE 82.9t) total weight
Transport von 20' containers	4 container pins for 2 x 20' containers with a max weight of 36.4t (SE 41.4t) per 20' container
Smallest navigable track curve radius (Single wagon)	75 m
Smallest navigable track curve radius (in train)	150 m
Max. ferryboat capacity and radius	2°30', R = 120 m

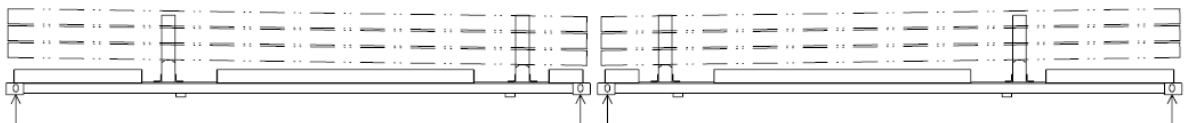
Lateral view



Loading scheme



DLZKA BRAM MAX. 6 m, HMOTNOST NAKLADU (BRAMY + LOZNE RAMY) 73,8 t
 LENGTH OF SLABS MAX. 6 m, LOAD WEIGHT (SLABS + LOADING FRAME) 73,8 t



DLZKA BRAM MAX. 11 m, HMOTNOST NAKLADU (BRAMY + LOZNE RAMY) 73,8 t
 LENGTH OF SLABS MAX. 11 m, LOAD WEIGHT (SLABS + LOADING FRAME) 73,8 t

