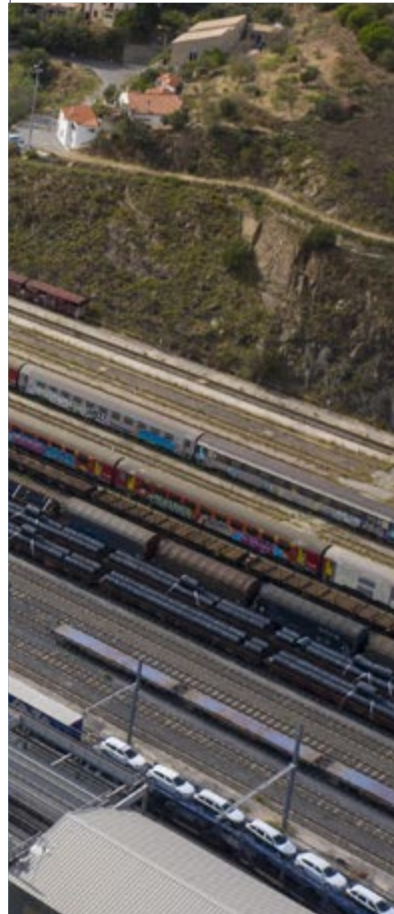
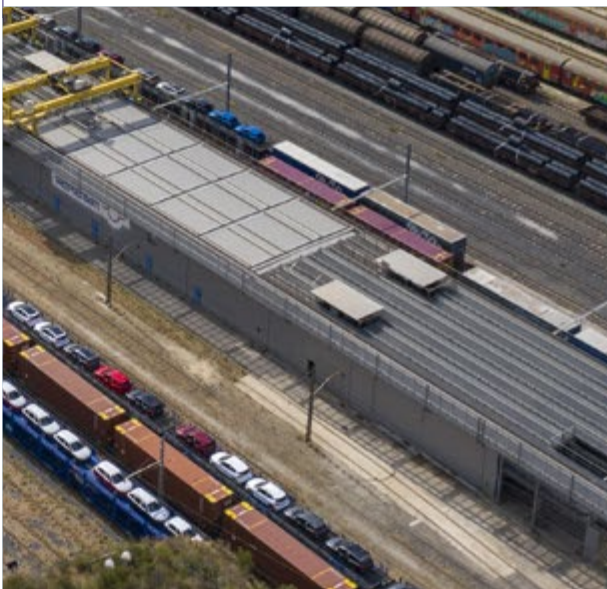
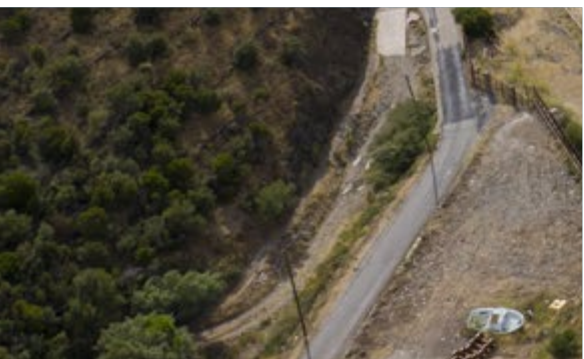




 **TRANSFESA**
Logistics

WAGONS CATALOG



NON-RIV WAGONS (INTERNATIONAL)

Can be fitted with standard and Iberian wheel sets. The geographical area where they can run is narrower.

- **Car Carrier**
- **Intermodal**
- **Sliding doors**

2.



1.

RIV WAGONS

Fully interoperable in Finland, Lithuania, Albania, Hungary, Bosnia and Herzegovina, Poland, Bulgaria, Romania, Czech Republic, Slovakia, Germany, Italy, Macedonia, England, Spain, Serbia, Greece, Sweden, Turkey, Norway, Croatia, Slovenia, France, Austria, Luxembourg, Netherlands, Switzerland, Denmark, Belgium, Portugal, Iran, Syria and Iraq.

- **Tank**
- **Car Carrier**
- **Flat**
- **Hopper**
- **Intermodal**
- **Sliding doors**



3.

NON-RIV WAGONS (SPANISH)

Can only be fitted with Iberian wheel sets. They need a specific authorization to run in Portugal.

- **Tank**
- **Car Carrier**
- **Hopper**
- **Intermodal**

RIV WAGONS

Nom. 40A
Nom. 43
Nom. 51A
Nom. 54B
Nom. 93
Nom.133D
Nom. 143

Nom. 63
Nom. 63C
Nom. 63F
Nom. 70

Nom. 89
Nom. 89A
Nom. 89B
Nom. 102

Nom. 102A
Nom. 142
Nom. 142A
Nom. 163

Nom. 61B

Nom. 61D

Nom. 61E

Nom. 48
Nom. 48B
Nom. 48D
Nom. 77
Nom. 77B
Nom. 77C
Nom. 95
Nom. 95A
Nom. 95B
Nom. 100
Nom. 100A

Nom. 46

Nom. 66

Nom. 46A
Nom. 46C
Nom. 122

Nom. 122A
Nom. 127
Nom. 128

Nom. 165

Puedes pinchar en cualquier nombre e ira a la página adecuada

NON RIV WAGONS (International)

Nom. 78

Nom. 119

Nom. 119A

Nom. 139

Nom. 139B

Nom. 139C

Nom. 139D

Nom. 168

Puedes pinchar en cualquier nombre e ira a la página adecuada

NON RIV WAGONS (Spanish)

Nom. 40B
Nom. 44
Nom. 51
Nom. 54
Nom. 54A
Nom. 54C

Nom. 54D
Nom. 54E
Nom. 54F
Nom. 64
Nom. 152
Nom. 152A

Nom. 152B
Nom. 152D
Nom. 154D
Nom. 158

Nom. 52
Nom. 61
Nom. 61C

Nom. 61F
Nom. 90
Nom. 90A

Nom. 90S


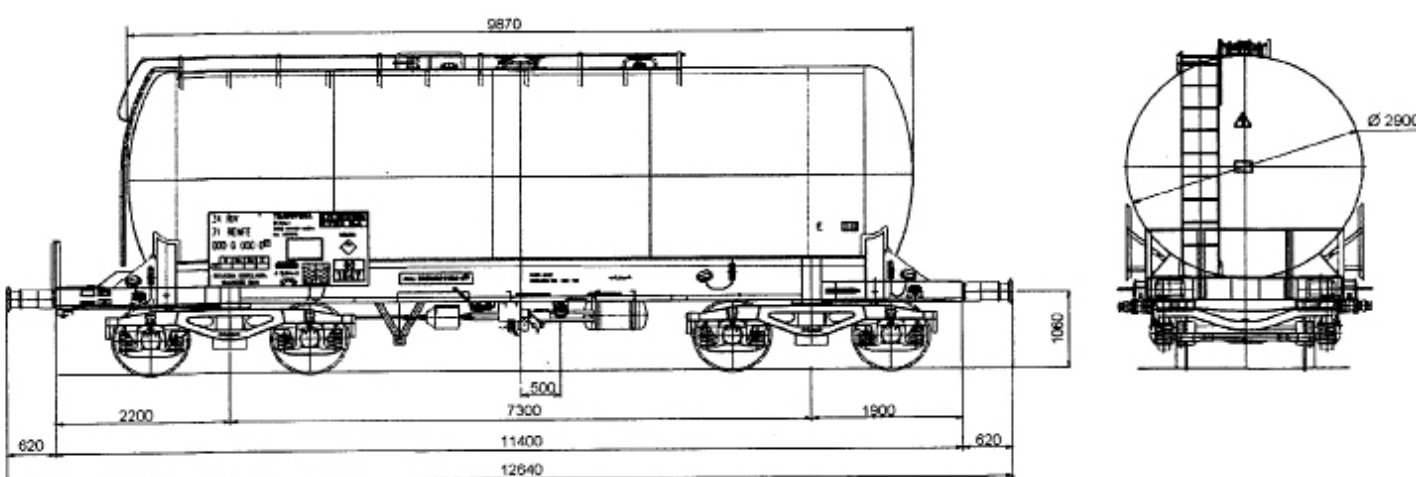
Nom. 162

Nom. 20A
Nom. 24A

Nom. 62A
Nom. 65

Nom. 111

Puedes pinchar en cualquier nombre e ira a la página adecuada

ANILINE TANK WAGON				NOM. 40A			ZAS																
				Wagon numbers:																			
				Zas 34 71 785 1109-8 Zas 34 71 785 1110-6			Zas 34 71 785 1101-5* Zas 34 71 785 1102-3*																
Tare: 20.500 kg. (*21000 kg)				Tank diameter: 2,900 m																			
Payload: 59,5 t. (*50t.)				Maximum height:																			
Maximum speed: 100 km./h				Heated: No																			
Axle code: N9220B ó U9220B				Load door dimensions:																			
Wheel-base: 12,640 m (*13,800 m)				RID / N° ONU: 6 / 1547																			
Length over buffers: 7,300 m																							
Height from lower deck to rail: 62 m ³																							
Loading length of upper deck: 9,870 m																							
<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B2</th> <th>C</th> <th></th> <th>A</th> <th>B2</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>42,2 t</td> <td>51 t</td> <td>59 t</td> <td>S</td> <td>43,5 t</td> <td>51,5 t</td> <td>59,5 t</td> </tr> </tbody> </table>					A	B2	C		A	B2	C	S	42,2 t	51 t	59 t	S	43,5 t	51,5 t	59,5 t			Quantity: 4	
	A	B2	C		A	B2	C																
S	42,2 t	51 t	59 t	S	43,5 t	51,5 t	59,5 t																
																							

VINYL CHLORIDE TANK WAGON

NOM. 43

ZAGS



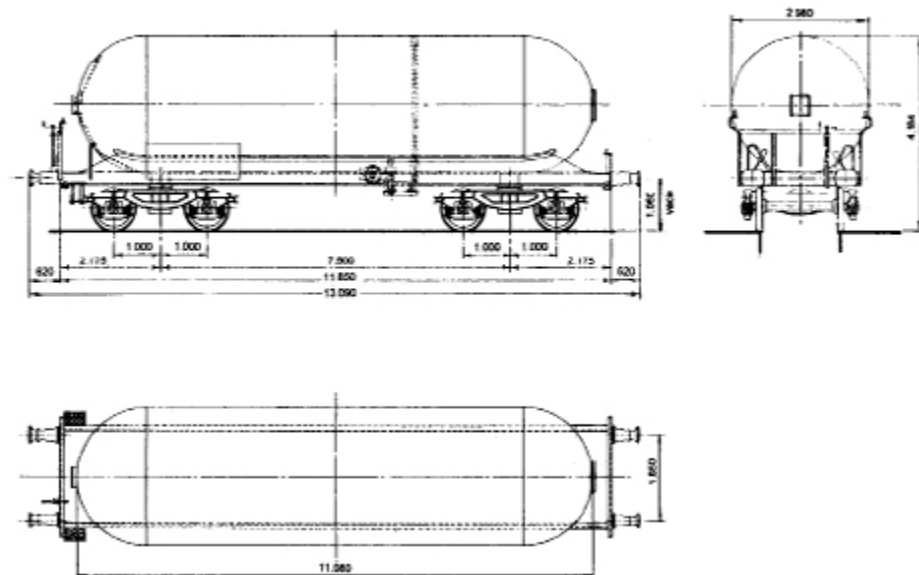
Wagon numbers:

Zags 34 71 781 1 000-8 al 005-7
Zags 34 71 781 1 016-4 al 029-7

Tare: 22.900 kg	Tank diameter: 2,980 m
Payload: 57.100 kg	Maximum height: 4,184 m
Maximum speed: 100 km/h	Heated: No
Axle code: N9220B ó U9220B	Load door dimensions:
Length over buffers: 13,090 m	RID / N° ONU: 2 / 1086
Wheel-base: 7,500 m	
Loading volume: 69,5 m ³	
Tank length: 11,080 m	

	A	B1	B2	C
S	41,1 t	42,1 t	49,1 t	57,1 t

Quantity: 20



AMMONIA TANK WAGON

NOM. 51A

ZAGKKS



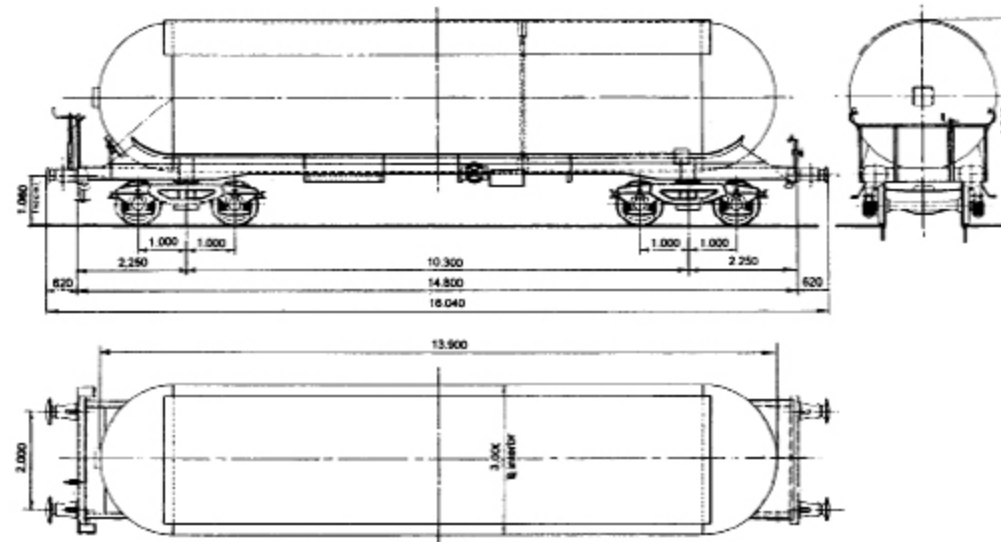
Wagon numbers:

Zagkks 34 71 791 2 033-7 al 038-6

Tare: 31.500 kg	Tank diameter: 3,000 m
Payload: 48,5 t	Maximum height: 4,240 m
Maximum speed: 100 km/h	Heated: No
Axle code: N9220B ó U9220B	Load door dimensions:
Length over buffers: 16,040 m	RID / N° ONU: 2 / 1005
Wheel-base: 10,300 m	
Loading volume: 91,1 m³	
Tank length: 13,900 m	

	A	B	C
S	32,5 t	40,5 t	48,5 t

Quantity: 6



BULK TANK WAGON 55 M³

NOM. 54B

UACS

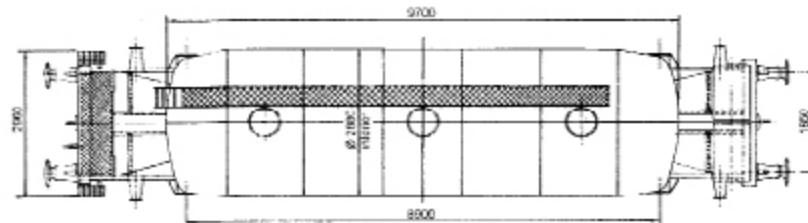
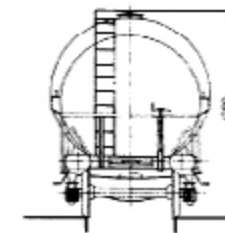
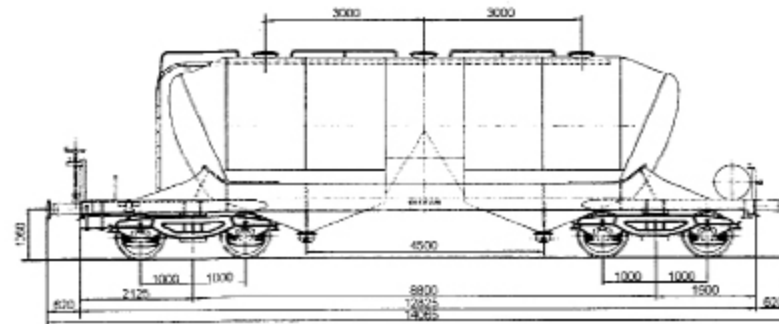


Wagon numbers:
Uacs 83 71 930 5 009-8 al 014-8

Tare: 20.700 kg	Load door dimensions: 0,400m
Payload: 59,3 t	Loading volume: 55 m ³
Maximum speed: 100 km/h	
Axle code: N9220B ó U9220B	
Length over buffers: 14,065 m	
Wheel-base: 8,800 m	
Tank length: 9,700 m	
Maximum height: 4,260 m	

	A	B1	B2	C
S	43,3 t	49,6 t	51,3 t	59,3 t

Quantity: 5



AMMONIA TANK WAGON

NOM. 93

ZAGKKS



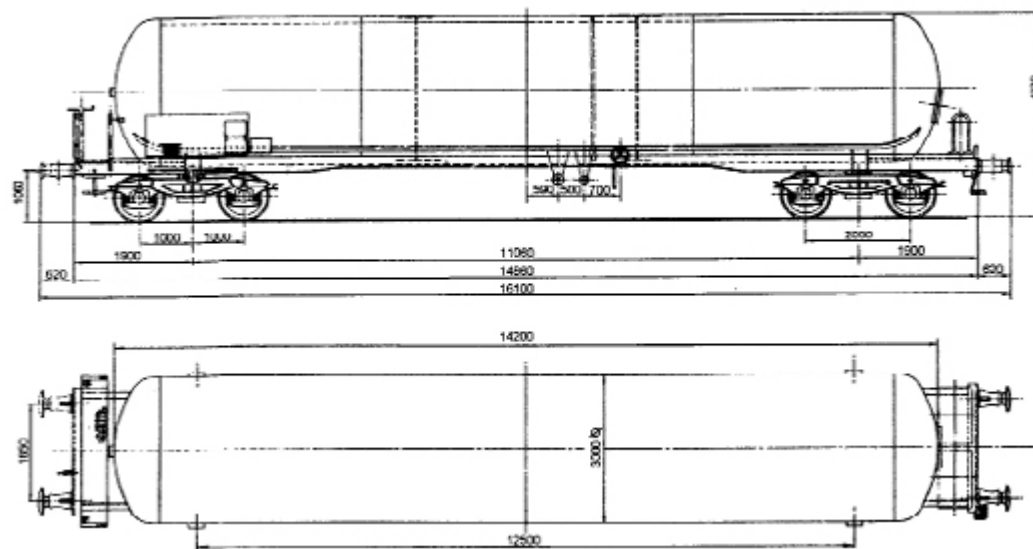
Wagon numbers:

Zagkks 34 87 791 9 381-5 al 386-4

Tare: 33.100 kg	Tank diameter: 3,000 m
Payload: 46,9 t	Maximum height: 4,220 m
Maximum speed: 100 km/h	Heated: No
Axle code: N9220B ó U9220B	Load door dimensions:
Length over buffers: 16,100 m	RID / N° ONU: 2 / 1005
Wheel-base: 11,060 m	
Loading volume: 95 m ³	
Tank length: 14,200 m	

	A	B1	C
S	30,9 t	38,9 t	46,9 t

Quantity: 6



TANK WAGON

NOM. 133D

ZAES



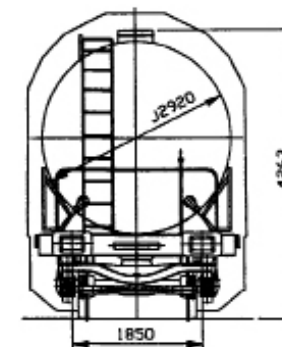
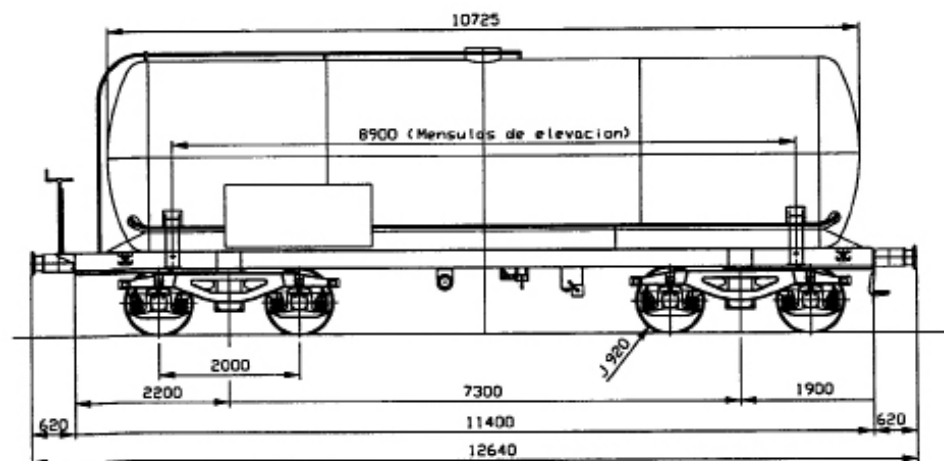
Wagon numbers:

Zaes 34 71 788 1 000-3 al 019-3

Tare: 23.000 kg	Tank diameter: 2,920 m
Payload: 57,0 t	Maximum height: 4,263 m
Maximum speed: 100 km/h	Heated: Sí
Axle code: N9220B ó U9220B	Load door dimensions:
Length over buffers: 12,640 m	RID / N° ONU: - / -
Wheel-base: 7,300 m	
Loading volume: 64 m ³	
Tank length: 10,725 m	

	A ó B1	B	C
S	40,2 t	49 t	57 t

Quantity: 20



STYRENE TANK WAGON

NOM. 143

ZAGNS



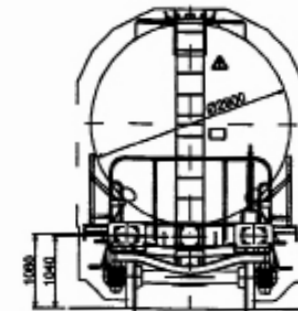
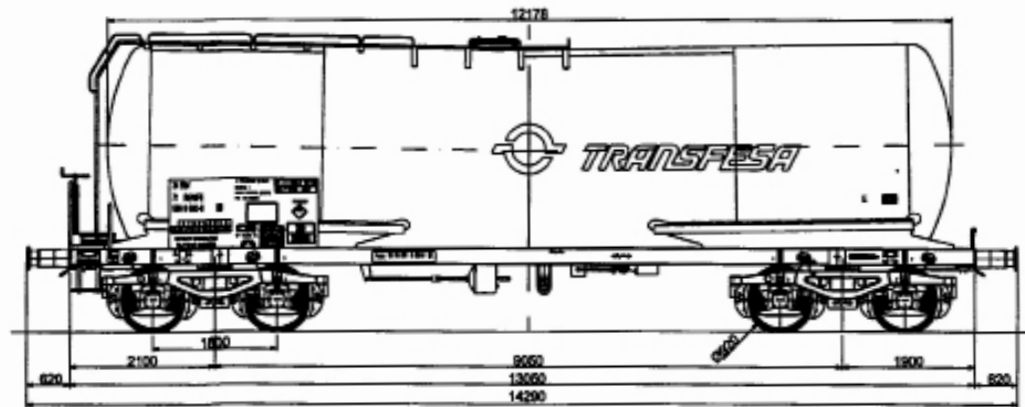
Wagon numbers:

Zagns 34 71 780 9 001-0 al 006-9

Tare: 23.400 kg	Tank diameter: 2,900 m
Payload: 66,6 t	Maximum height:
Maximum speed: 100 km/h	Heated: No
Axle code: N9222B ó U9222B	Load door dimensions:
Length over buffers: 14,290 m	RID / N° ONU: 3 / 2055
Wheel-base: 9,050 m	
Loading volume: 77 m ³	
Tank length: 12,178 m	

	A	B	C	D
S	40,6 t	48,6 t	56,6 t	66,6 t

Quantity: 5



CAR-CARRIER 2 DECKS 26,5M

NOM. 63

LAEKS



Wagon numbers:

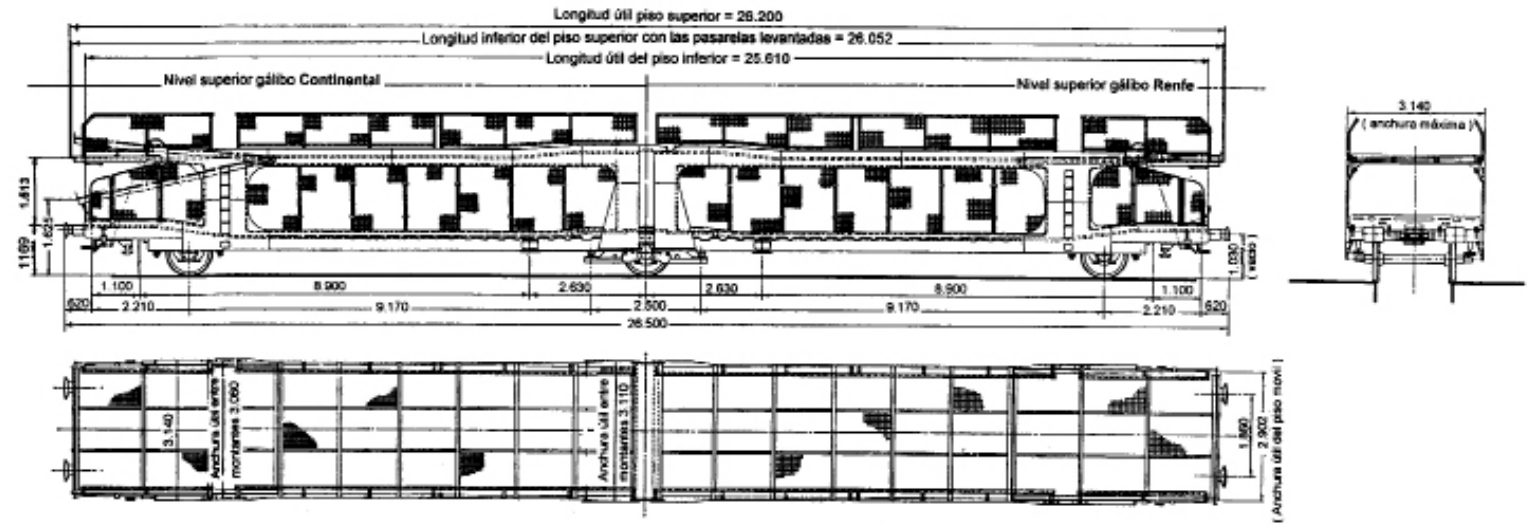
Laeks 24 87 427 3 956-3 al 4 053-8 (TRANSFESA)
Laeks 24 87 427 40 55-3 al 155-1 (STVA)

Tare: 27.200 kg	Loading length of lower deck: 26,610 m
Payload: 19,0 t	Length of end pivoting ramp: 4,515 m
Maximum speed: 100 km/h	Maximum car height:*
Axle code: N00200 ó U00200	• Upper deck: 1.470 mm
Length over buffers: 24,500 m	• Lower deck: 1.625 mm
Wheel-base: 9,000 m	
Height from lower deck to rail: 0,882; 0,982; 1,169 m	
Loading length of upper deck: 26,200 m	

	A	B	C
S	19,0 t		

*Reference height which will be dependent on the individual characteristics of each car.

Quantity: 91 (91 STVA)



CAR-CARRIER 2 DECKS 26,5M

NOM. 63C

LAEKS



Wagon numbers:

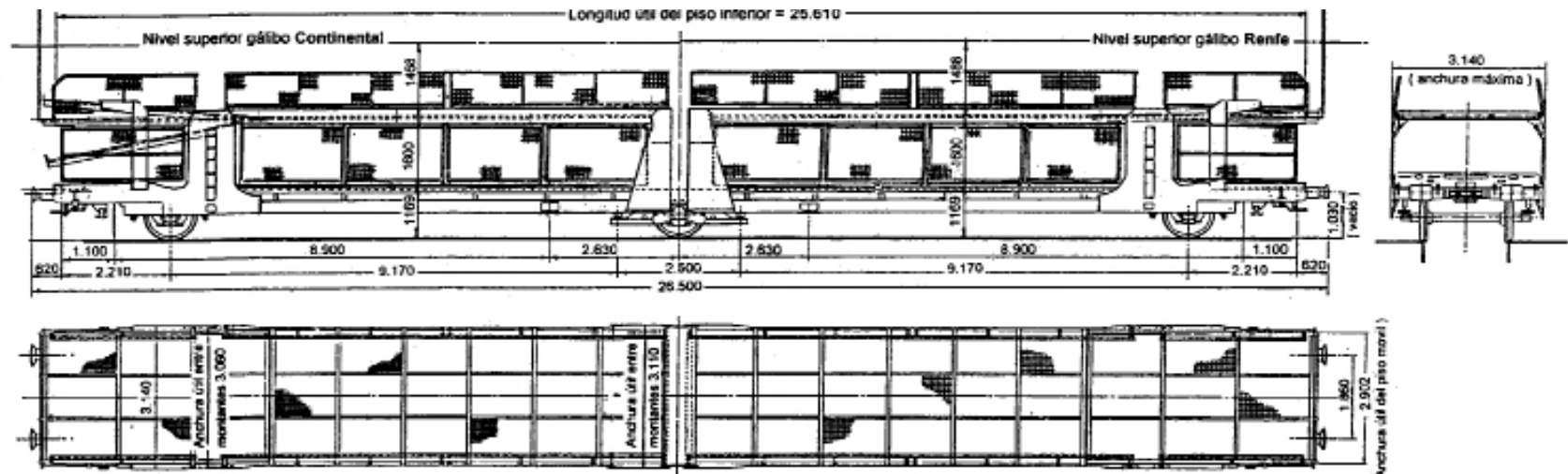
Laeks 24 71 427 0 001-9 al 049-8 (TRANSFESA)
Laeks 24 87 427 4 940-6 al 989-3 (STVA)

Tare: 31.000 kg	Loading length of lower deck: 25,610 m
Payload: 18,0 t	Length of end pivoting ramp: 7,460 m
Maximum speed: 100 km/h	Maximum car height:*
Axle code: N00200 ó U00200	• Upper deck: 1.468 mm
Length over buffers: 26,500 m	• Lower deck: 1.520 mm
Wheel-base: 9,000 m	
Height from lower deck to rail: 1,169 m	
Loading length of upper deck: 26,200 m	

	A	B	C
S	18,0 t		

*Reference height which will be dependent on the individual characteristics of each car.

Quantity: 99
(49 TRANSFESA,
91 STVA)



CAR-CARRIER 2 DECKS 26,5M

NOM. 63F

LAEKS



Wagon numbers:

Laeks 24 71 427 3 001-6 al 299-6 (TRANSFESA)

Tare: 31.000 kg	Loading length of upper deck: 26,200 m
Payload: 18,0 t	Loading length of lower deck: 25,610 m
Maximum speed: 100 km/h	Length of end pivoting ramp: 4,515 m
Axle code: N90220 ó U90220	Maximum car height:* (middle position)
Length over buffers: 26,500 m	• Upper deck: 1.640 mm
Wheel-base: 9,000 m	• Lower deck: 1.640 mm
End wheelset - buffer plate distance: 2,830 m	

	A	B	C
S	18,0 t		

*Reference value, which will depend on several features of each car.

Quantity: 297

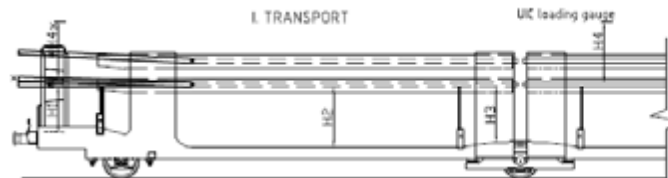
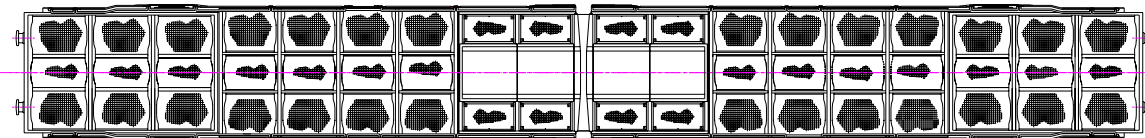
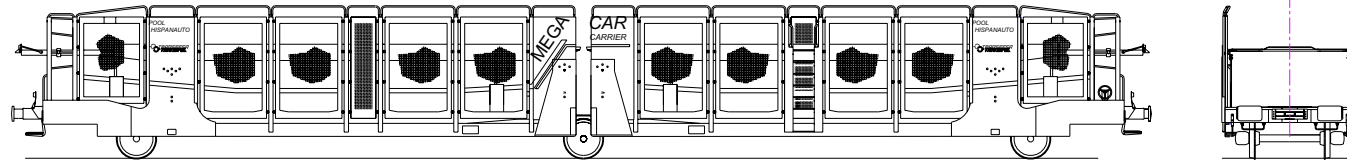


CHART OF UPPER DECK POSITIONS AND WAGON CARRYING CAPACITY

HEIGHT POSITION	H1	H1*	H2	H3	H4	H4*
TOP	2.150	-	2.285	2.280	1.120	-
MIDDLE	1.470	1.590	1.765	1.760	1.640	1.520
BOTTOM	1.370	1.490	1.665	1.660	1.740	1.620

Note: the "*" corresponds to the end pivoting ramp when it rests on the support just above horizontal (using the same stud than when on the horizontal support).

COVERED CAR-CARRIER 1 DECK

NOM. 70

LAAEKS

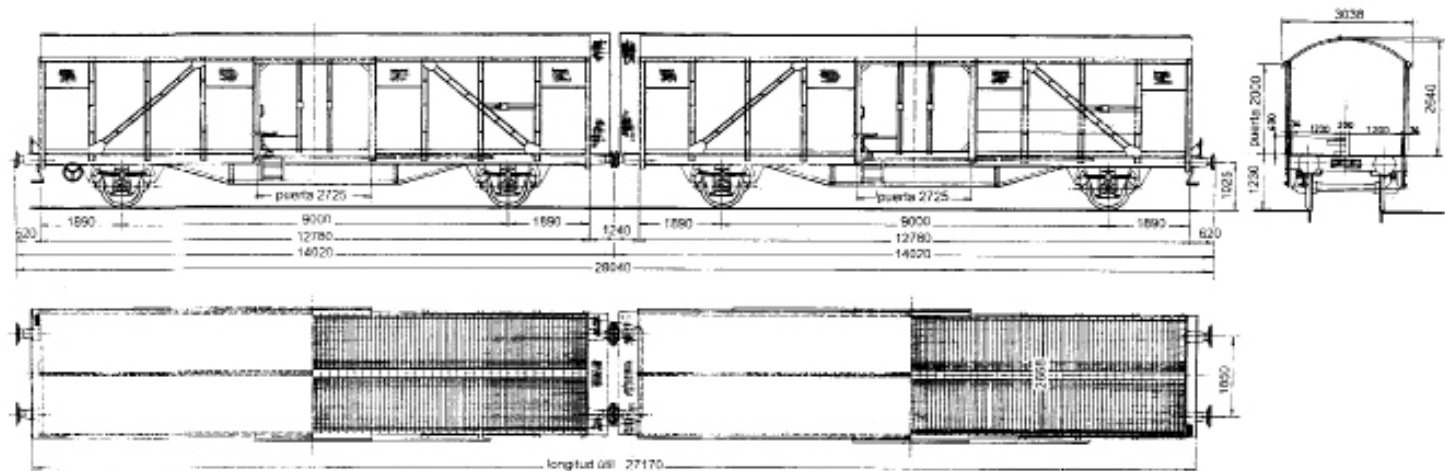


Wagon numbers:
Laaeks 24 71 436 6 252-3 al 290-3 (TRANSFESA)
Laaeks 24 71 436 6 352-1 al 371-1 (TRANSFESA)

Tare: 20.700 kg	Loading length: 27,170 m
Payload: 17,0 t	Loading width: 2,668 m
Maximum speed: 100 km/h	
Axle code: N00200 ó U00200	
Length over buffers: 28,040 m	
Wheel-base: 9,000 m	
Height from deck to rail: 1,230 m	
Inner height: 2,640 m	

	A	B	C
S	17,0 t		

Quantity: 7



CAR-CARRIER 2 DECKS 31M

NOM. 89

LAAEKS



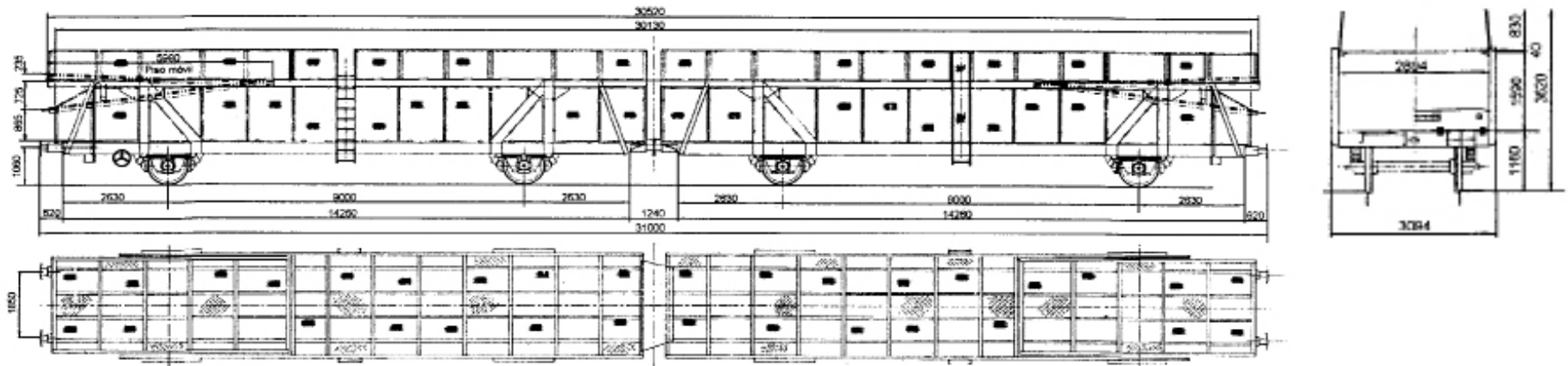
Wagon numbers:

Laaeks 24 71 436 6 392-7 al 431-3 (TRANSFESA)

Tare: 25.600 kg	Loading length of lower deck: 30,130 m
Payload: 22,5 t	Length of end pivoting ramp: 5,980 m
Maximum speed: 100 km/h	Maximum car height:*
Axle code: N00200 ó U00200	• Upper deck: 1.490 mm
Length over buffers: 31,000 m	• Lower deck: 1.510 mm
Wheel-base: 9,000 m	
Height from lower deck to rail: 1,160 m	
Loading length of upper deck: 30,520 m	

	A	B	C
S	22,5 t		

*Reference height which will be dependent on the individual characteristics of each car.	Quantity: 39
--	--------------



CAR-CARRIER 2 DECKS 31M

NOM. 89A

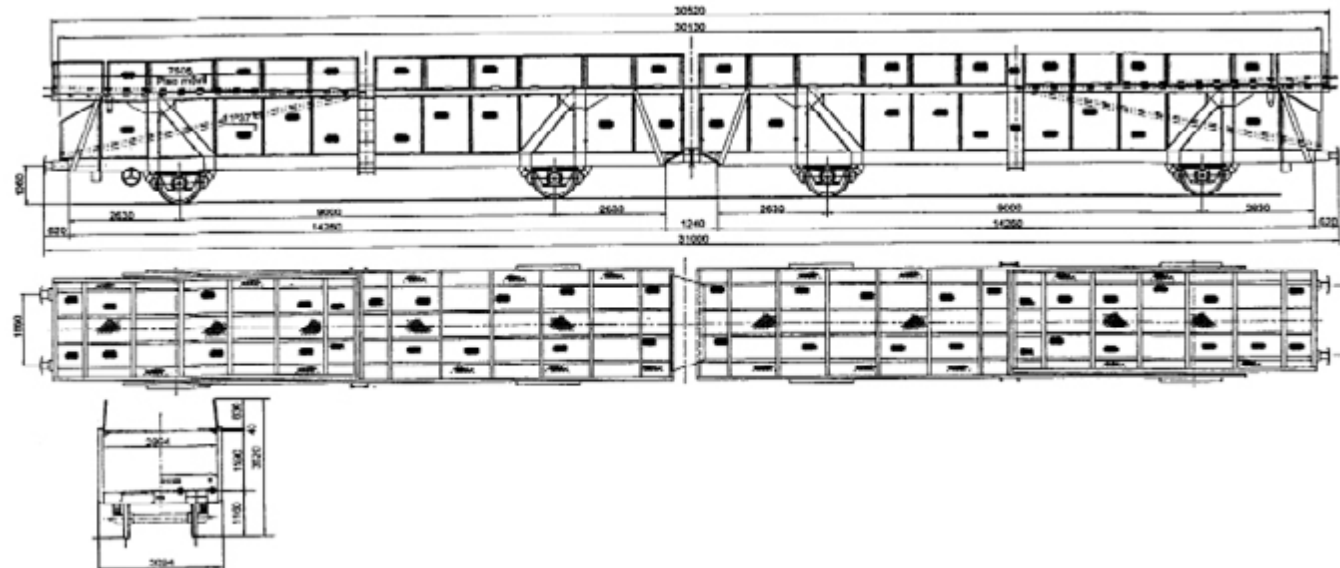
LAAEKS



Wagon numbers:

Laaeks 24 71 437 0 462-9 al 531-4 (TRANSFESA)

Tare: 26.200 kg	Loading length of lower deck: 30,130 m								
Payload: 22,0 t	Length of end pivoting ramp: 7,505 m								
Maximum speed: 100 km/h	Maximum car height:*								
Axle code: N00200 ó U00200	• Upper deck: 1.490 mm								
Length over buffers: 31,000 m	• Lower deck: 1.510 mm								
Wheel-base: 9,000 m									
Height from lower deck to rail: 1,160 m									
Loading length of upper deck: 30,520 m									
<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td colspan="3">22 t</td> </tr> </table>		A	B	C	S	22 t			*Reference height which will be dependent on the individual characteristics of each car.
	A	B	C						
S	22 t								
	Quantity: 45								



CAR-CARRIER 2 DECKS 31M

NOM. 89B

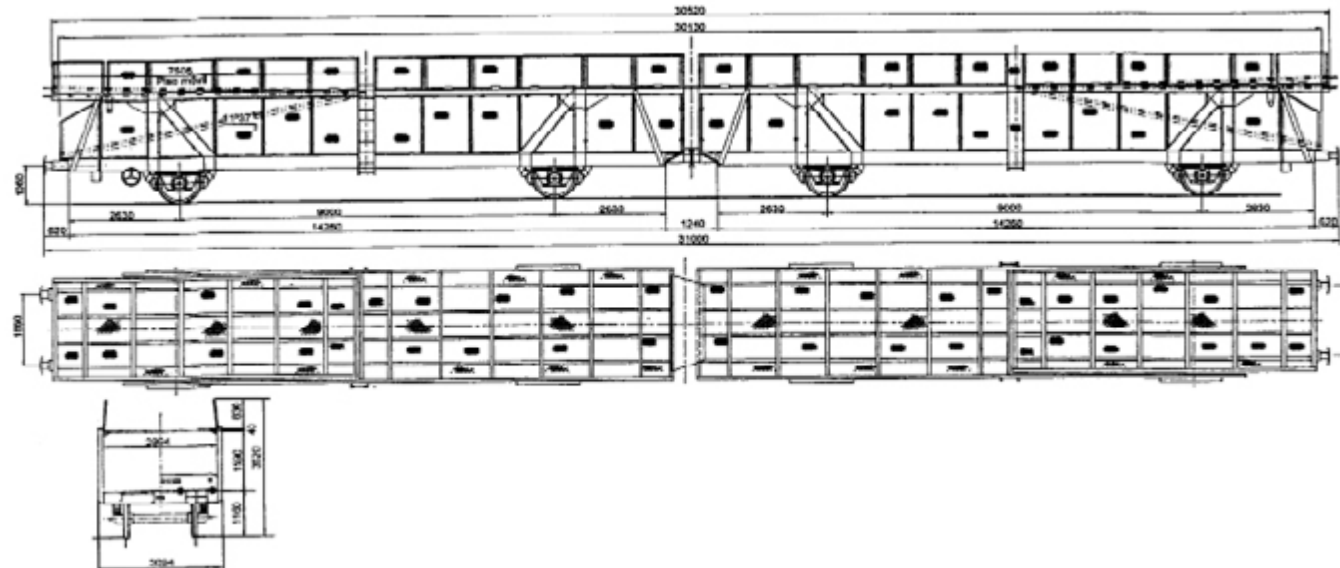
LAAEKS



Wagon numbers:

Laaeks 24 71 436 6 532-8 al 551-8 (TRANSFESA)

Tare: 25.600 kg	Loading length of lower deck: 30,130 m								
Payload: 22,5 t	Length of end pivoting ramp: 7,505 m								
Maximum speed: 100 km/h	Maximum car height:*								
Axle code: N00200 ó U00200	• Upper deck: 1.490 mm								
Length over buffers: 31,000 m	• Lower deck: 1.510 mm								
Wheel-base: 9,000 m									
Height from lower deck to rail: 1,160 m									
Loading length of upper deck: 30,520 m									
<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td colspan="3">22,5 t</td> </tr> </table>		A	B	C	S	22,5 t			*Reference height which will be dependent on the individual characteristics of each car.
	A	B	C						
S	22,5 t								
	Quantity: 20								



CAR-CARRIER 2 DECKS

NOM. 102

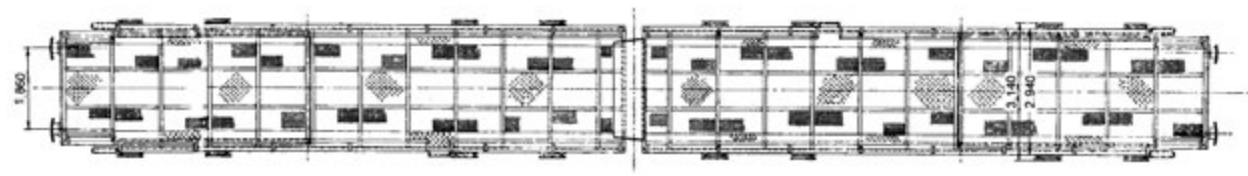
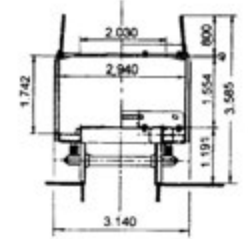
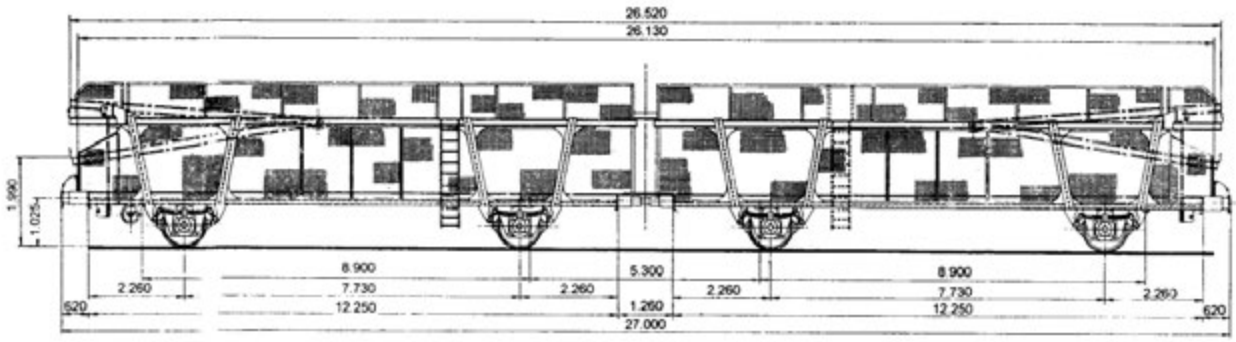
LAAEKS



Wagon numbers:
Laaeks 24 71 436 6 101-2 al 250-7 (TRANSFESA)
Laaeks 24 71 436 6 311-7 al 391-9 (TRANSFESA)

Tare: 25.000 kg	Loading length of upper deck: 26,520 m
Payload: 17,5 t	Loading length of lower deck: 26,130 m
Maximum speed: 100 km/h	Length of end pivoting ramp: 5,709 m
Axle code: N00200 ó U00200	
Length over buffers: 27,000 m	
Wheel-base: 7,730 m	
Height from lower deck to rail: 1,191 m	
Maximum height between decks: 1,554 m	

	A	B	C	
S	17,5 t			Quantity: 135



CAR-CARRIER 2 DECKS 27M

NOM. 102A

LAAEKS

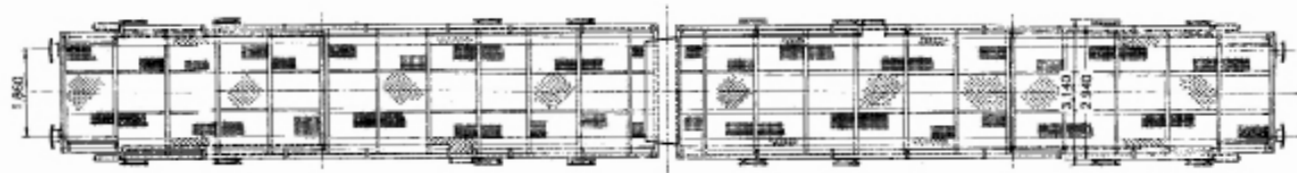
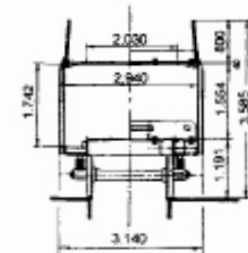
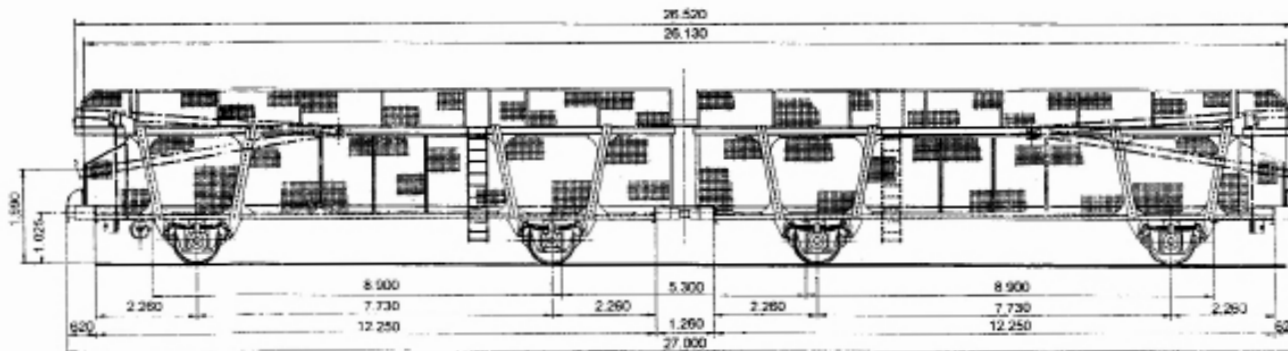


Wagon numbers:
Laaeks 24 71 436 6 291-1 al 300-0 (TRANSFESA)

Tare: 25.000 kg	Loading length of upper deck: 26,520 m
Payload: 17,5 t	Loading length of lower deck: 26,130 m
Maximum speed: 100 km/h	
Axle code: N00200 ó U00200	
Length over buffers: 27,000 m	
Wheel-base: 7,730 m	
Height from lower deck to rail: 1,191 m	
Max. distance between decks: 1,554 m	

	A	B	C
S	17,5 t		

Quantity: 9



CAR-CARRIER 2 DECKS 31M

NOM. 142

LAAERS



Wagon numbers:

Laaers 24 71 437 0 001-8 al 050-5
(TRANSFESA)

Laaers 24 71 437 0 051-3 al 080-2 (SEMAT)
Laaers 24 87 436 3 200-7 al 219-7 (STVA)

Tare: 32.700 kg

Loading length of lower deck: 29,760 m

Payload: 27,3 t

Length of end pivoting ramp: 5,100 m

Maximum speed: 100 km/h

Maximum car height:* (Top position)

Axle code: N7616R ó U7616R

- Upper deck: 1.684 mm

Length over buffers: 31,000 m

- Lower deck: 1.660 mm

Wheel-base: 9,000 m

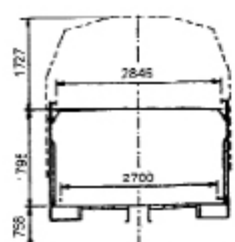
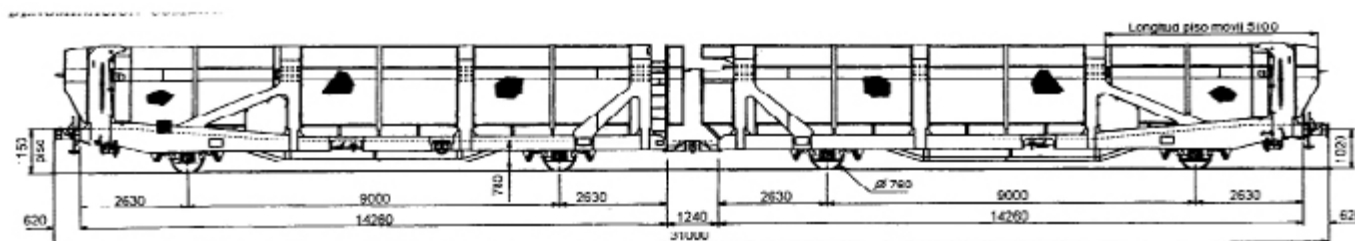
Height from lower deck to rail: 0,780 m

Loading length of upper deck: 30,520 m

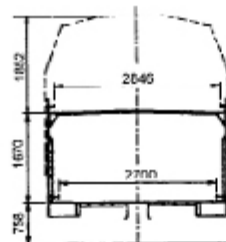
	A	B	C
S	27,5 t		

*Reference height which will be dependent on the individual characteristics of each car.

Quantity: 99 (50 FTSA, 30 SEMAT, 19 STVA)



POSICION ALTA DE PISO
(VAGON CARGADO)



POSICION BAJA DE PISO
(VAGON CARGADO)

CAR-CARRIER 2 DECKS 31M

NOM. 142A

LAAERS



Wagon numbers:

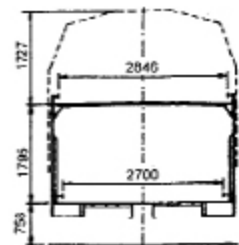
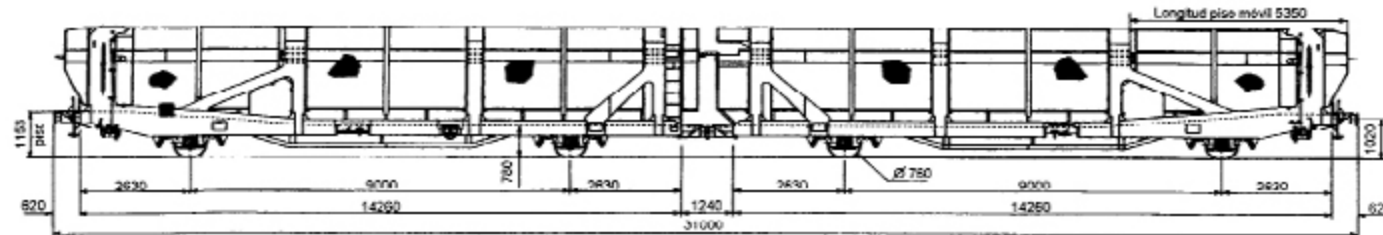
Laaers 24 71 437 0 101-6 al 187-5 (TRANSFESA)
Laaers 24 87 437 0 088-7 al 100-0 (STVA)

Tare: 32.700 kg	Loading length of lower deck: 29,760 m
Payload: 27,3 t	Length of end pivoting ramp: 5,350 m
Maximum speed: 100 km/h	Maximum car height:*
Axle code: N7616R ó U7616R	• Upper deck: 1.684 mm
Length over buffers: 31,000 m	• Lower deck: 1.685 mm
Wheel-base: 9,000 m	
Height from lower deck to rail: 0,780 m	
Loading length of upper deck: 30,520 m	

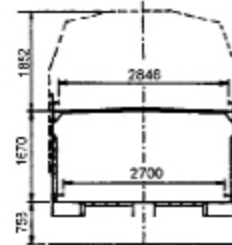
	A	B	C
S	27,3 t		

*Reference height which will be dependent on the individual characteristics of each car.


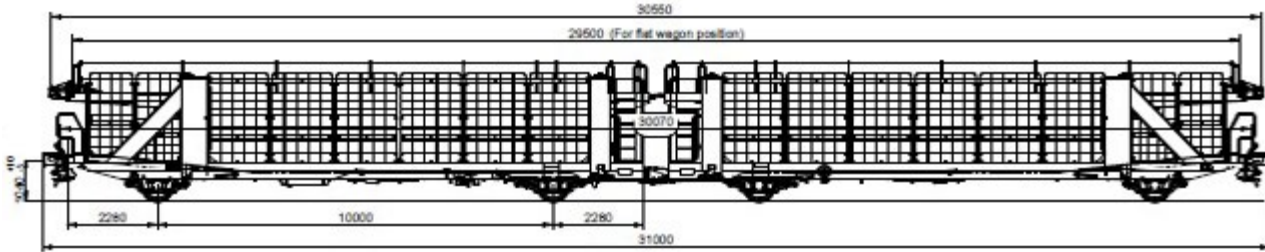
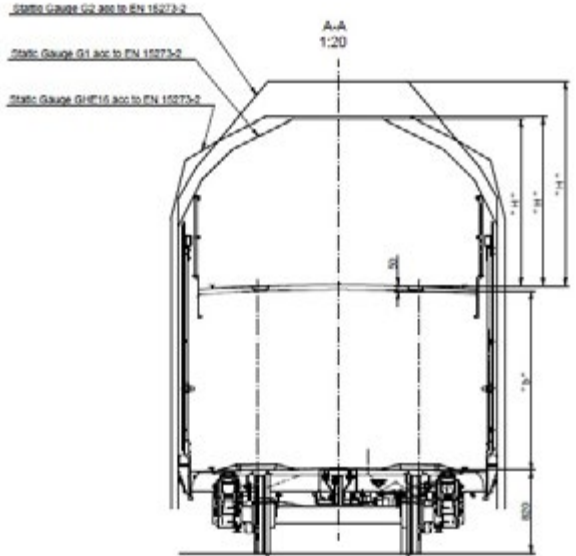
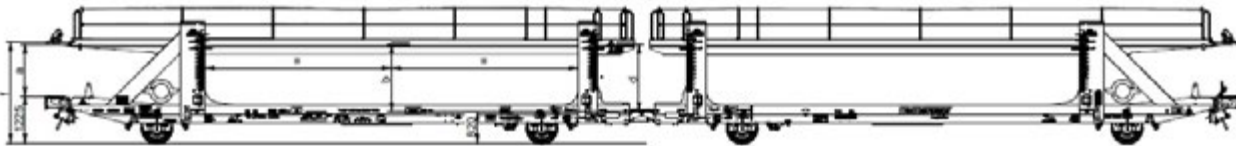
Quantity: 99
(87 TRANSFESA, 12 STVA)



POSICION ALTA DE PISO
(VAGON CARGADO)



POSICION BAJA DE PISO
(VAGON CARGADO)

CAR CARRIER 2 DECKS 31M		NOM. 163	LAAERS															
	International Traffic	Wagon numbers: Laaers 25 80 436 3 141-9 to 240-9 (TRANSFESA)																
	Tare: 34.000 kg	Loading length of upper deck : 30,550 m**																
	Payload: 34 t(Flat car position: 18 t.)	Loading length of lower deck : 30,070 m																
	Maximum speed: 100 km/h	Maximum width of upper deck: 2,794m																
Axle code: N76180 ó U76180	Maximum width of lower deck : 2,930 m																	
Length over buffers: 31,000 m	Maximum car height G1:*																	
Wheel-base: 10,000 m	<ul style="list-style-type: none"> • Upper deck 1.650mm • lower deck 1.680mm 																	
Height from lower deck to rail: 0,820 m																		
	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>30,0</td> <td colspan="3">34,0</td> </tr> <tr> <td>120</td> <td colspan="4">0</td> </tr> </tbody> </table>		A	B	C	D	S	30,0	34,0			120	0				*Reference height which will be dependent on the individual characteristics of each car.	Quantity: 100 TRANFESA
	A	B	C	D														
S	30,0	34,0																
120	0																	
																		
																		

FLAT WITH EDGES

NOM. 46

KS



Wagon numbers:

Ks 24 71 330 0 000-7 al 164-1
[Ks 24 87 330 0 237-7 al 286-4]

Tare: 12.800 kg. (13.100 kg)

Loading area: 34,5 m²

Payload: 27,2 t (26,9 t)

Height from deck to rail: 1,235 m

Maximum speed: 100 km/h

Axle code: N00200 ó U00200

Length over buffers: 13,860 m

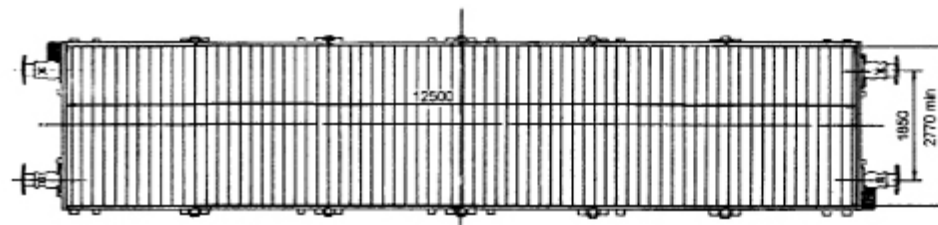
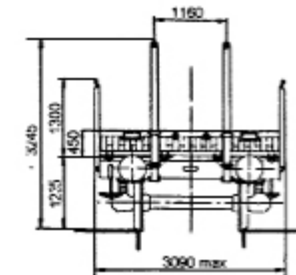
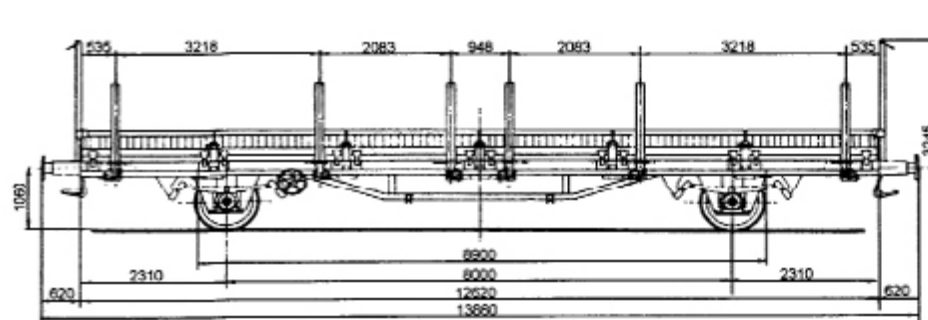
Wheel-base: 8,000 m

Loading length: 12,500 m

Interior width (useful): 2,770 m

	A	B	C
S*	18,9 t	22,9 t	26,9 t
S	19,2 t	23,2 t	27,2 t

Quantity: 102



AXLE-CARRIER FLAT

NOM. 66

LIPS

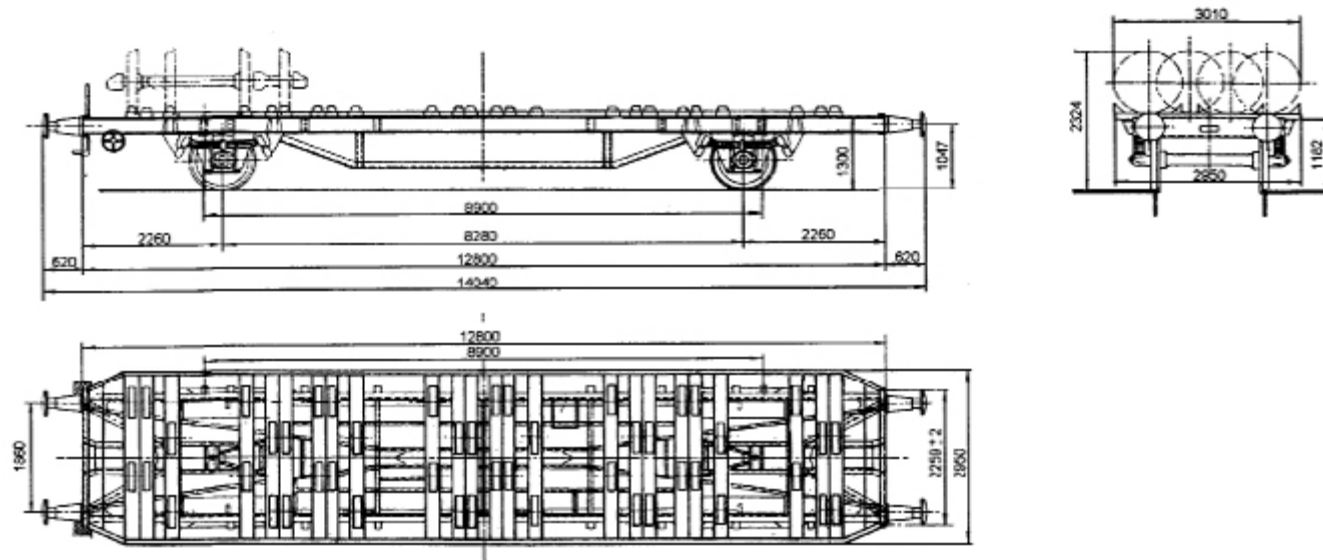


Wagon numbers:
Lips 24 71 412 6 000-7 al 001-5

Tare: 11.200 kg	Height from deck to rail: 1,182 m
Payload: 28,8 t	
Maximum speed: 100 km/h	
Axle code: N00200 ó U00200	
Length over buffers: 14,040 m	
Wheel-base: 8,280 m	
Loading length: 12,800 m	
Maximum width: 2,950 m	

	A	B	C
S	43 t	51 t	59 t

Quantity: 2



BULK HOPPER WAGON 65M³

NOM. 61B

TAOOS



Wagon numbers:

Taos 34 71 069 2 001-5 al 003-1, 004-9, 006-4, 008-0, 011-4, 012-2, 014-8, 015-5, 017-1 al 025-4, 028-8 al 032-0, 034-6 al 036-1, 038-7 al 041-1, 34 71 092 6 009-6 y 34 71 092 6 016-1

Tare: 23.000 kg

Maximum height: 1,182 m

Payload: 57,0 t

Load door dimensions: 9,0x1,400 m

Maximum speed: 100 km/h

Unloading door dimensions: 4x1,2x0,7 m

Axle code: N9220B ó U9220B

Length over buffers: 16,440 m

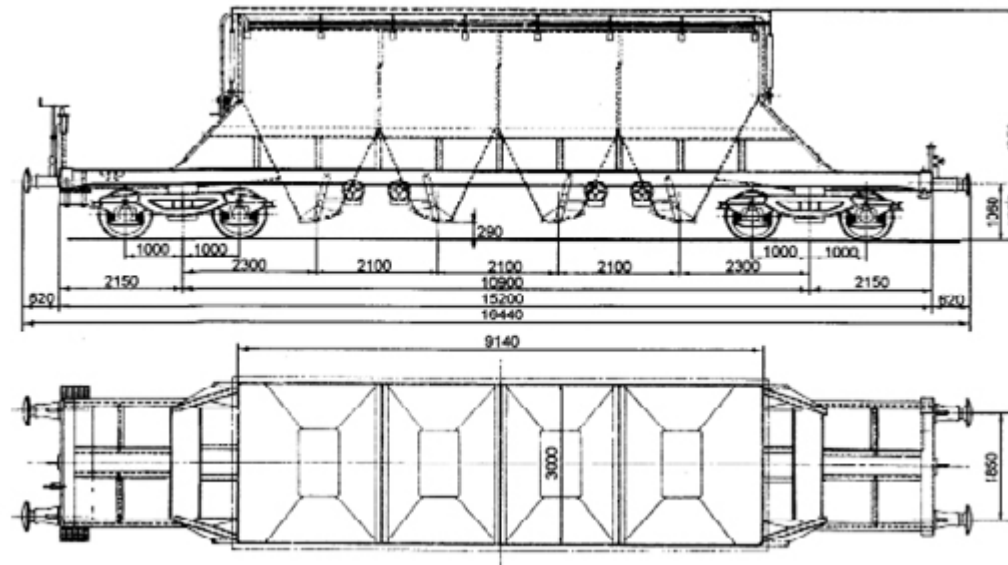
Wheel-base: 10,900 m

Loading volume: 65 m²

Tank length: 9,140 m

	A	B	C
S	41 t	49 t	57 t

Quantity: 21



BULK HOPPER WAGON 66M³

NOM. 61D

TAOOS



Wagon numbers:

Taos 34 71 069 2 042-9, 043-7, 045-2 al 054-4 y 6 044-3

Tare: 21.300 kg

Maximum height: 4,250 m

Payload: 58,7 t

Load door dimensions: 9,0x1,4 m

Maximum speed: 100 km/h

Unloading door dimensions: 4x1,2x0,7 m

Axle code: N9220B ó U9220B

Length over buffers: 15,540 m

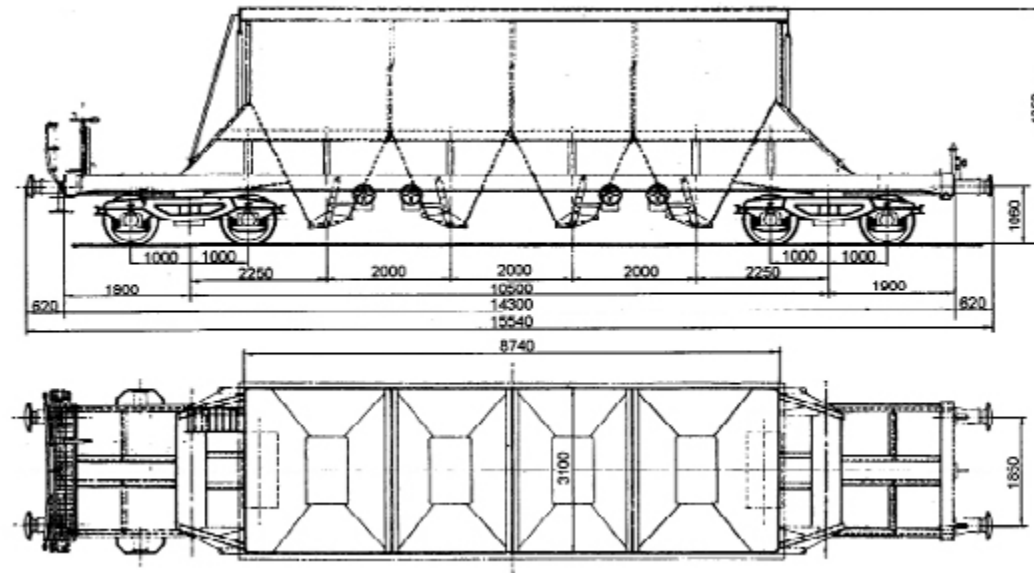
Wheel-base: 10,500 m

Loading volume: 66 m²

Tank length: 8,740 m

	A	B	C
S	42,7 t	50,7 t	58,7 t

Quantity: 4



SAND HOPPER WAGON 45 M³

NOM. 61E

FAOOS



Wagon numbers:

Faos 34 71 662 5 000-6 al 008-9

Tare: 23.000 kg

Maximum height: 3,130 m

Payload: 57,0 t

Load door dimensions: 9,14x2,9

Maximum speed: 100 km/h

Unloading door dimensions: 1,280x0,6 m

Axle code: N9220B

Length over buffers: 16,440 m

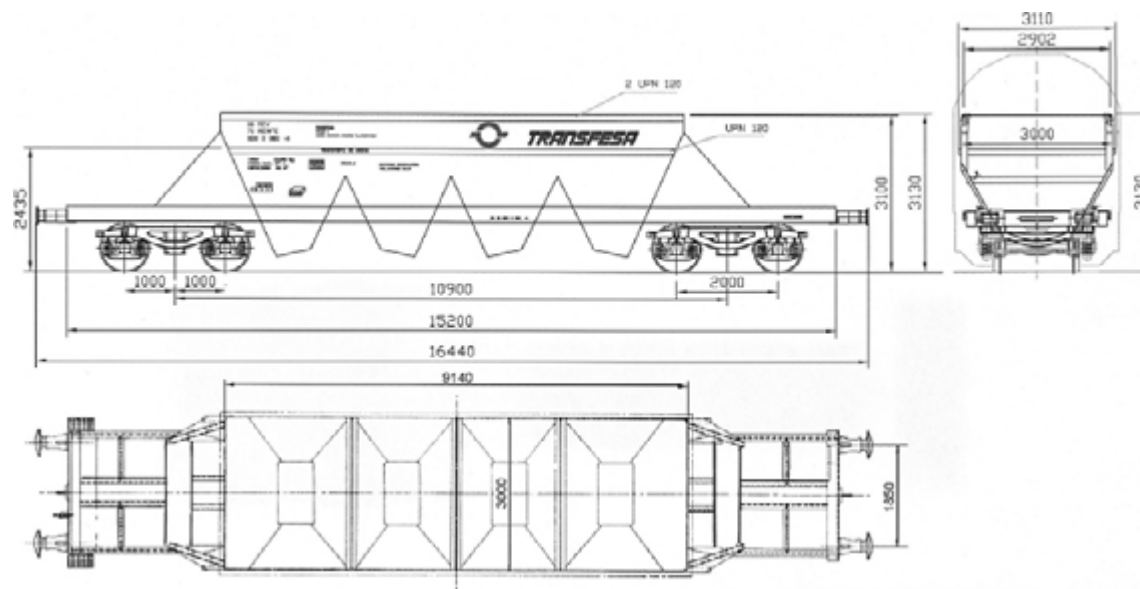
Wheel-base: 10,900 m


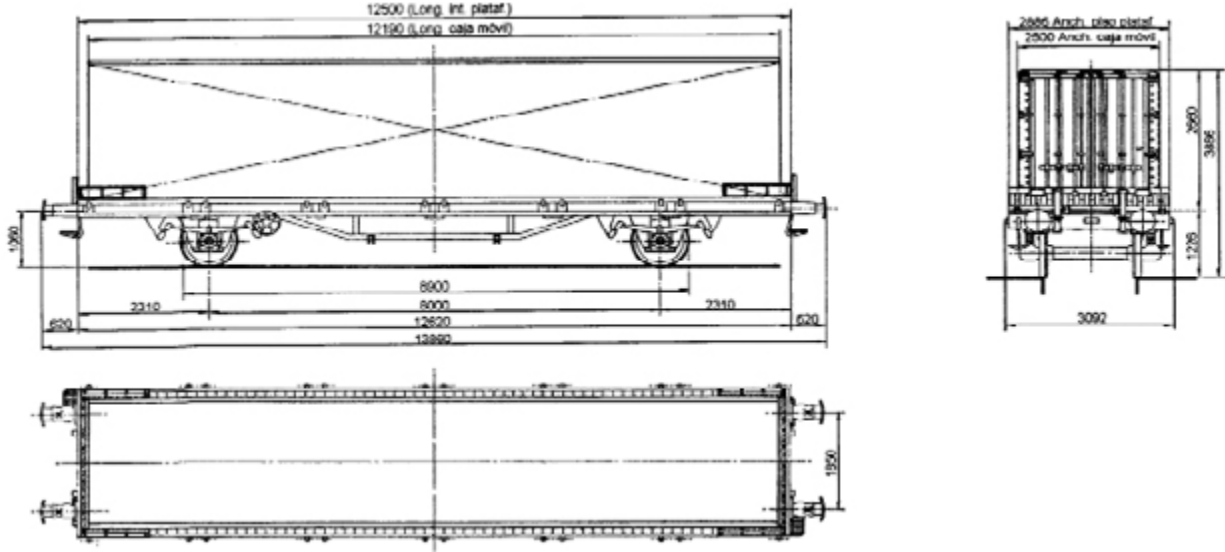
Loading volume: 45 m²

Tank length: 9,140 m

	A	B	C
S	41 t	49 t	57 t

Quantity: 9



CONTAINER FLAT WAGON		NOM. 46A	LGS								
	Wagon numbers: Lgs 24 71 441 6 001-4 al 003-0, 007-1 al 025-3, 027-9, 028-7, 030-3 al 032-9, 034-5, 035-2, 037-8 al 039-4, 041-0 al 044-4, 046-9, 048-5 al 050-1, 054-3 al 056-8, 058-4, 059-2, 061-8, 063-4 al 066-7, 068-3 al 072-5, 075-8 al 079-0, 081-6 al 084-0, 086-5 al 090-7, 093-1, 094-9, 096-4 al 102-0. 104-6 al 107-9, 109-5										
	Tare: 11.600 kg		Loading Area: 34,5 m ²								
	Payload: 28,4 t		Height from deck to rail: 1,226 m								
	Maximum speed: 100 km/h										
	Axle code: N00200 ó U00200										
	Length over buffers: 13,860 m										
	Wheel-base: 8,000 m										
	Loading length: 12,500 m										
	Interior width (useful): 2,770 m										
	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <th>S</th> <td>20,4 t</td> <td>24,4 t</td> <td>28,4 t</td> </tr> </tbody> </table>				A	B	C	S	20,4 t	24,4 t	28,4 t
	A	B	C								
S	20,4 t	24,4 t	28,4 t								
											

CONTAINER FLAT WAGON

NOM. 46C

LGS



Wagon numbers:

Lgs 24 71 441 6 000-6, 004-8 al 006-1, 029-5, 033-7, 036-0, 040-2, 045-1, 053-5, 060-0, 062-6, 067-5, 073-3, 074-1, 085-7, 091-5, 092-3, 108-7

Tare: 11.600 kg

Height from deck to rail: 1,226 m

Payload: 28,4 t

Maximum speed: 100 km/h

Axle code: N00200 ó U00200

Length over buffers: 13,860 m

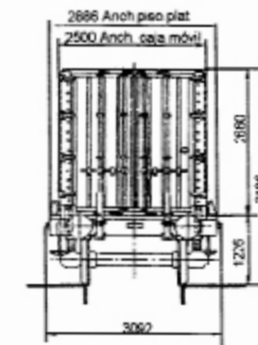
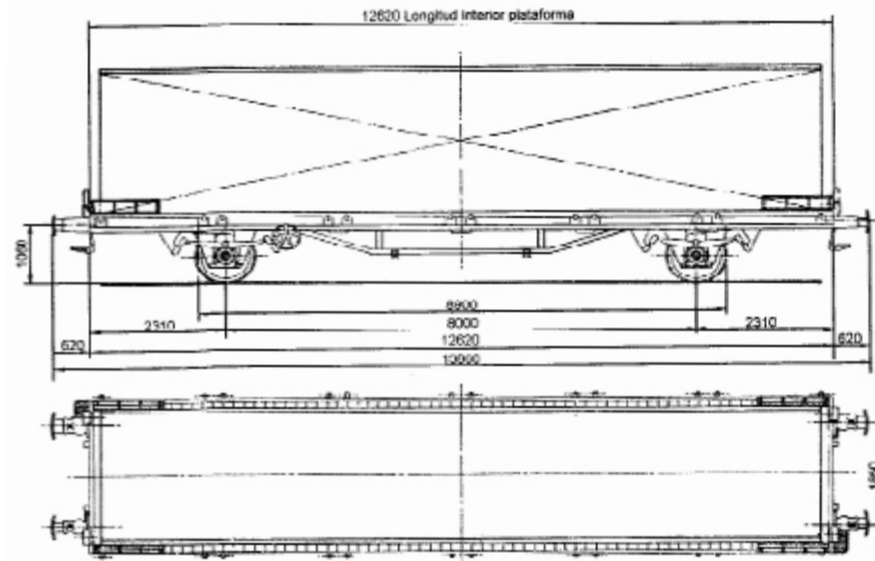
Wheel-base: 8,000 m


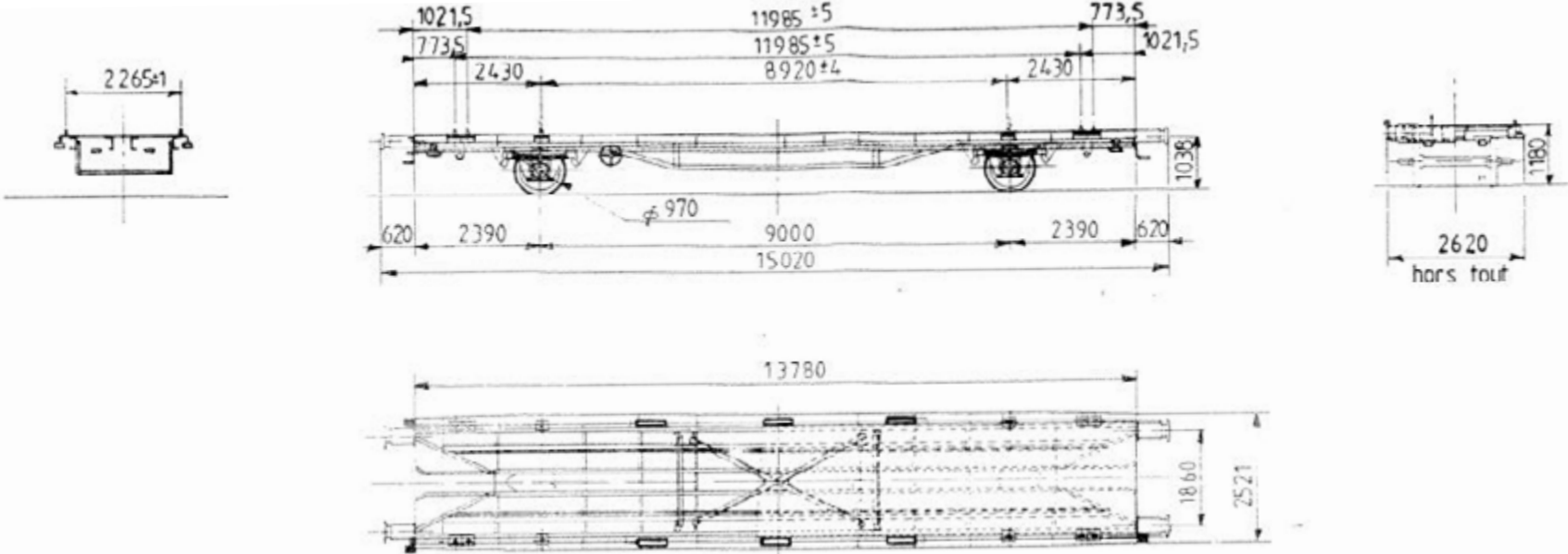
Loading length: 12,620 m


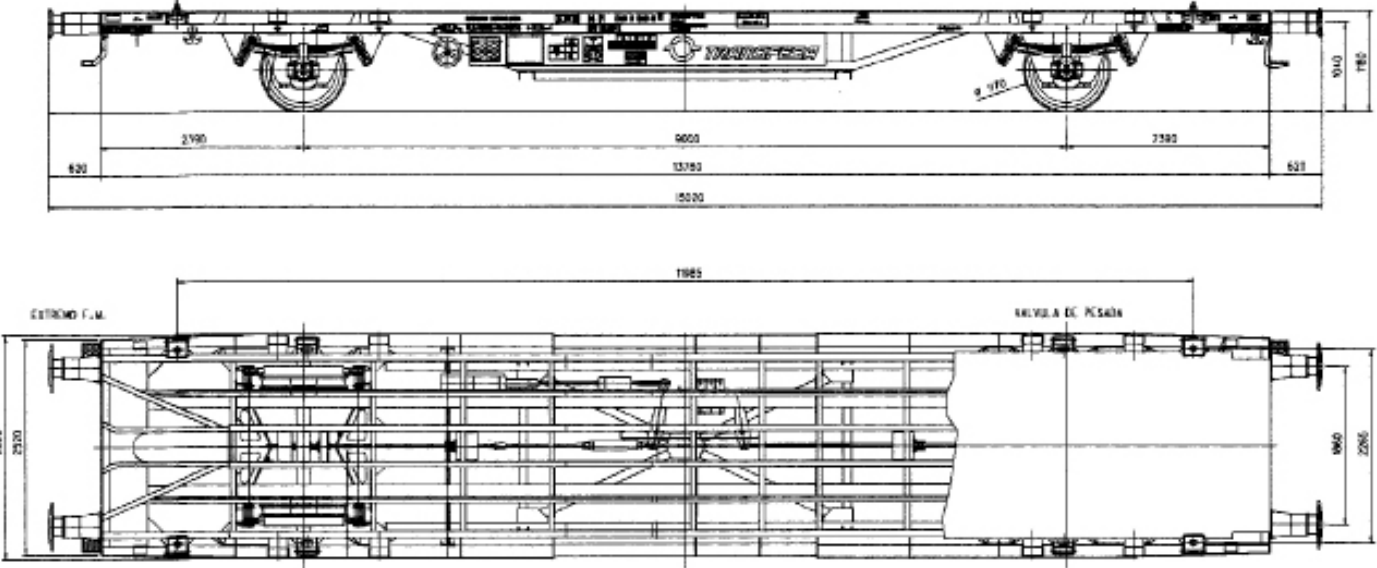
Maximum width: 3,092 m


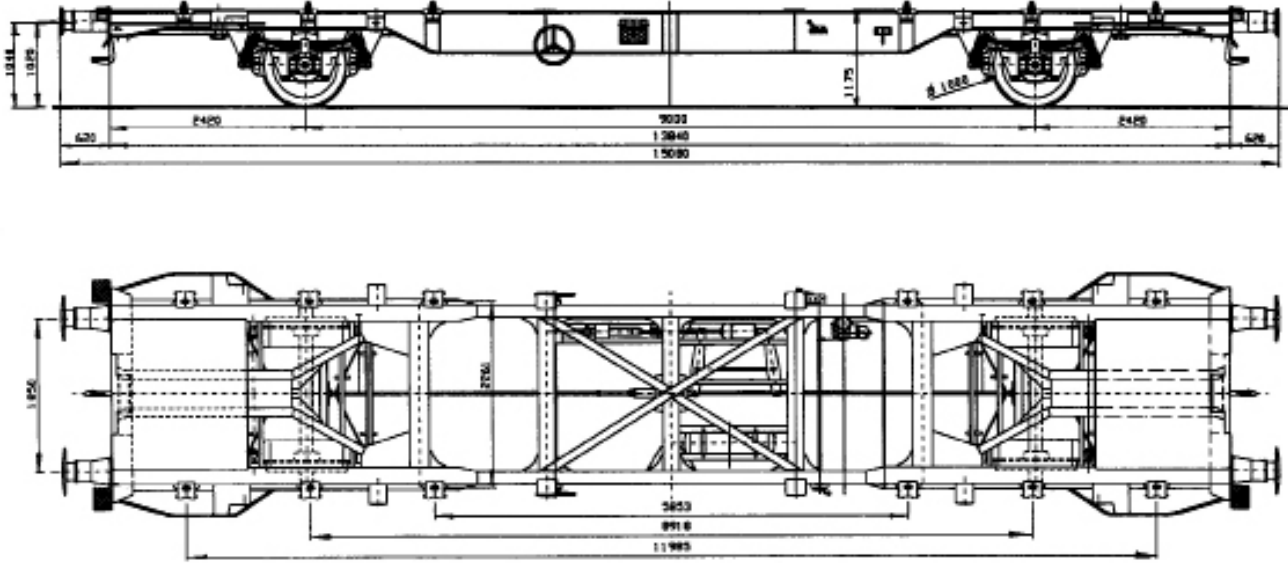
	A	B	C
S	20,4 t	20,4 t	28,4 t

Quantity: 20



INTERNATIONAL FLAT	NOM. 122		LFGSS									
	Wagon numbers: Lfgss 24 87 443 8 000-2 al 499-1											
	Tare: 11.800 kg		Maximum width: 2,620 m									
	Payload: 28,2 t		Height from deck to rail: 1,180 m									
	Maximum speed: 120 km/h		Wagon code: CO (Spain) / C+2 (UIC)									
	Axle code: N00200 ó U97200											
	Length over buffers: 15,020 m											
Wheel-base: 9,000 m												
Loading length: 13,780 m												
Spigots: 30' y 40'												
<table border="1" data-bbox="1144 807 1420 879"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>SS</td> <td>20,2 t</td> <td>24,2 t</td> <td>28,2 t</td> </tr> </table>				A	B	C	SS	20,2 t	24,2 t	28,2 t	Quantity: 448	
	A	B	C									
SS	20,2 t	24,2 t	28,2 t									
 <p>Technical drawings showing dimensions for the International Flat Wagon (NOM. 122):</p> <ul style="list-style-type: none"> Side view: Total length 15020 mm, wheelbase 9000 mm, loading length 13780 mm. Axle spacing: 2390 mm between axles, 620 mm from end to axle. Axle diameter $\phi 970$. End overhangs: 1021,5 mm. Buffer spacing: 773,5 mm. Coupler spacing: 2430 mm. Height from deck to rail: 1036 mm. End view: Total width 2620 mm (hors tout), height 1180 mm. Top view: Loading length 13780 mm, end width 2521 mm, side width 1860 mm. Front view: Total width 2265±1 mm. 												

INTERMODAL FLAT	NOM. 122A		LFGSS									
	Wagon numbers: Lfgss 24 71 443 8 001-8 al 070-3											
	Tare: 11.800 kg		Maximum width: 2,620 m									
	Payload: 28,2 t		Height from deck to rail: 1,180 m									
	Maximum speed: 120 km/h		Wagon code: C0 (Spain) / C+2 (UIC)									
	Axle code: N00200 ó U97200											
	Length over buffers: 15,020 m											
	Wheel-base: 9,000 m											
Loading length: 13,780 m												
Spigots: 40'												
<table border="1" data-bbox="1144 810 1420 879"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>SS</td> <td>20,2 t</td> <td>24,2 t</td> <td>28,2 t</td> </tr> </tbody> </table>				A	B	C	SS	20,2 t	24,2 t	28,2 t	Quantity: 70	
	A	B	C									
SS	20,2 t	24,2 t	28,2 t									
												

FLAT TCC 20 TN	NOM. 127	LGSS								
	Wagon numbers: Lgss 24 71 443 7 000-1 al 028-2 y 8 000-0									
	Tare: 12.200 kg	Maximum width: 2,940 m								
	Payload: 27,8 t	Height from deck to rail: 1,175 m								
	Maximum speed: 120 km/h	Wagon code: CO								
	Axle code: N00200 ó U00200									
	Length over buffers: 15,080 m									
	Wheel-base: 9,000 m									
Loading length: 13,840 m										
Spigots: 20', 30' y 40'										
<table border="1" data-bbox="1137 807 1420 879"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>SS</td> <td>19,8 t</td> <td>23,8 t</td> <td>27,8 t</td> </tr> </table>		A	B	C	SS	19,8 t	23,8 t	27,8 t		Quantity: 29
	A	B	C							
SS	19,8 t	23,8 t	27,8 t							
										

HOLLAND FLAT 22,5 TN

NOM. 128

LGNSS

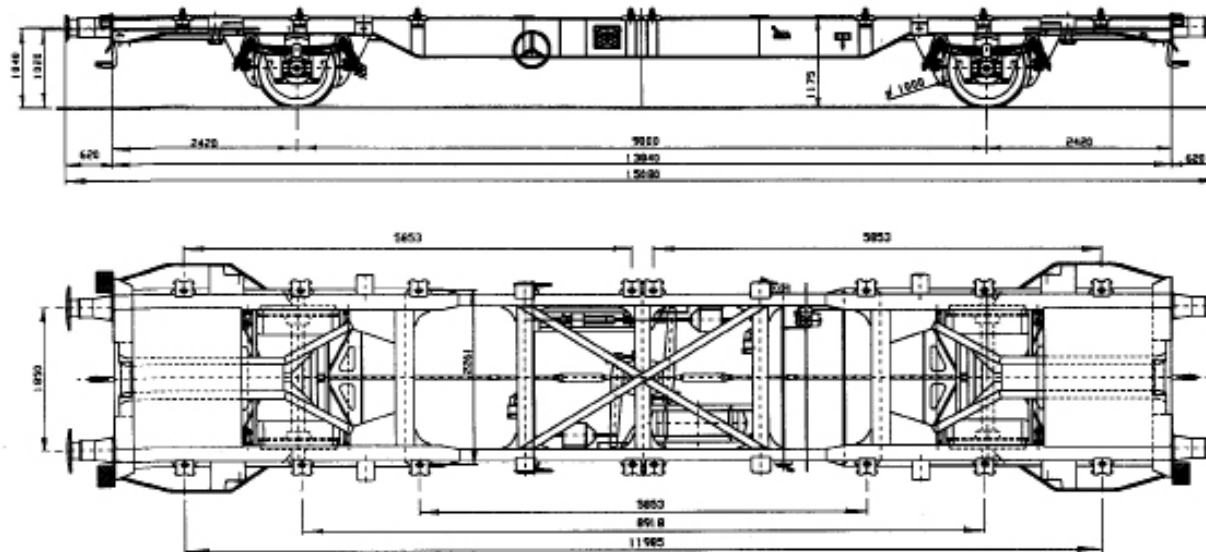


Wagon numbers:
Lgnss 24 71 443 3 000-5 al 043-5

Tare: 12.700 kg	Height from deck to rail: 1,175 m
Payload: 32,3 t	Spigots: 20', 30' y 40'
Maximum speed: 120 km/h	Wagon code: CO
Axle code: N00220 ó U00220	
Length over buffers: 15,080 m	
Wheel-base: 9,000 m	
Loading length: 13,840 m	
Maximum width: 2,940 m	

	A	B	C	D
S	19,3 t	23,3 t	27,3 t	32,3 t
SS	19,3 t	23,3 t	27,3 t	

Quantity: 44



PLATAFORMA INTERMODAL DE 60'

NOM. 165

SGS



Wagon numbers:

Lgs 32 71 454 2 044-1; 32 71 454 2 066-4; 32 71 454 2 103-5; 32 71 454 2 107-6; 32 71 454 2 117-5; 32 71 454 2 138-1; 32 71 454-2 2 166-2; 32 71 454 2 207-4; 32 71 454 2 231-4
Sgss* 32 71 457 0 494-3

Tare: 19.000 kg/* 19.800 kg

Date of construction: 1978 / *1980-1982

Payload: 61 t / *60,2 t

Height from deck to rail: 1,210 m

Maximum speed: 120 km/h / *120 km/h

Wagon code: C-3

Axle code: N9220B ó U9220B

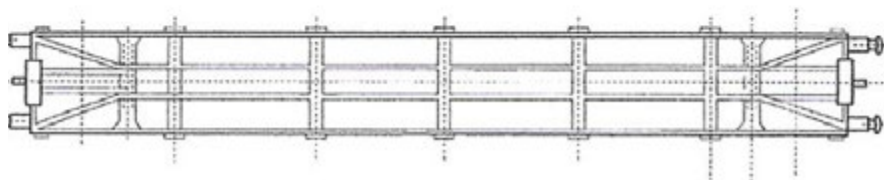
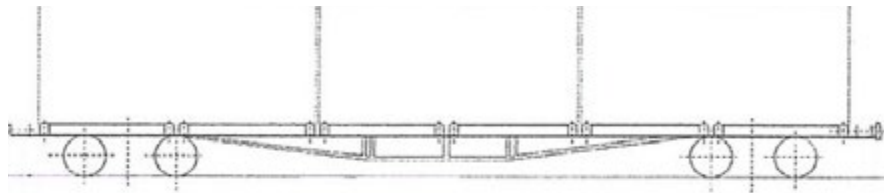
Length over buffers: 19,90 m

Wheel-base: 14,60 m


Loading length: 18,66 m

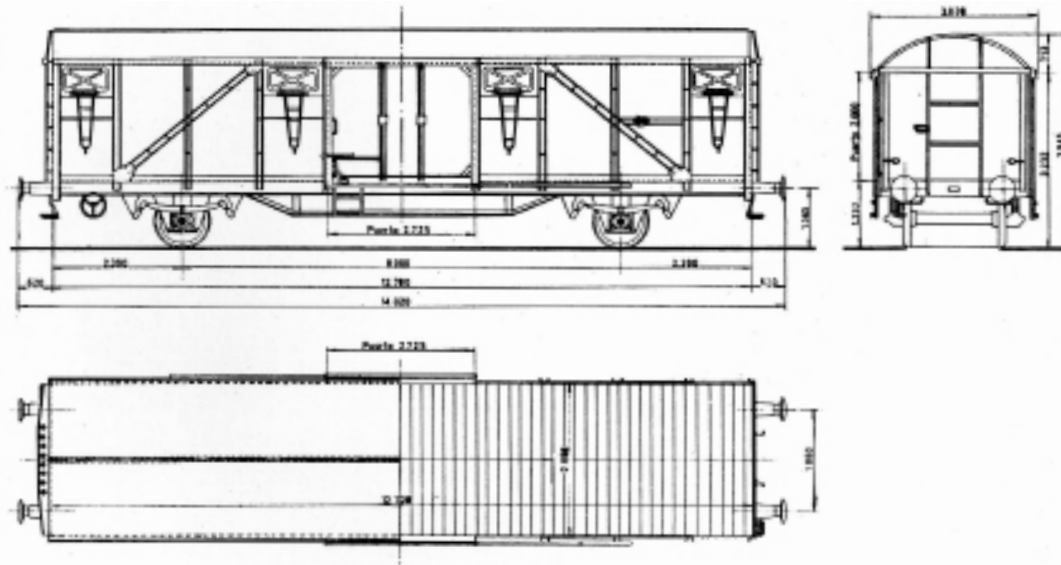
Bogie Y21-Cse


Quantity: 10

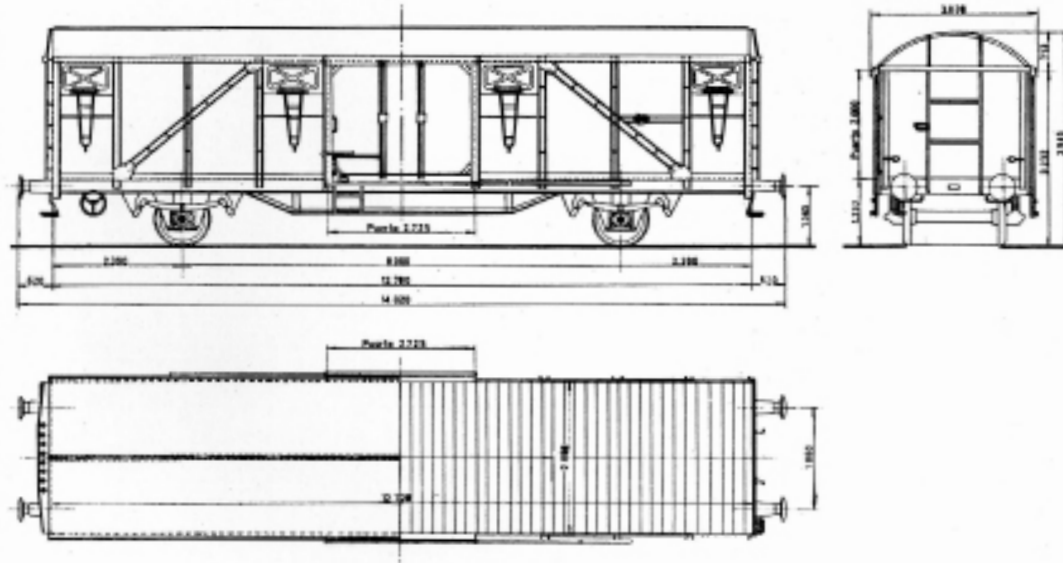



Number of containers:	Length of container (feet)	Examples of possibles loads:
3	20	Maximum load according to position: 12-36-12 ton/e.u.
2	40-20	Maximum load respectively: 40-20 ton/e.u.
2	30	Maximum load: 30 ton/e.u.
2	20-30	Maximum load respectively: 25-34 ton/e.u.
1	45	Centred: Maximum load: 44 ton./e.u.
1	40	Centred: Maximum load: 44 ton./e.u.

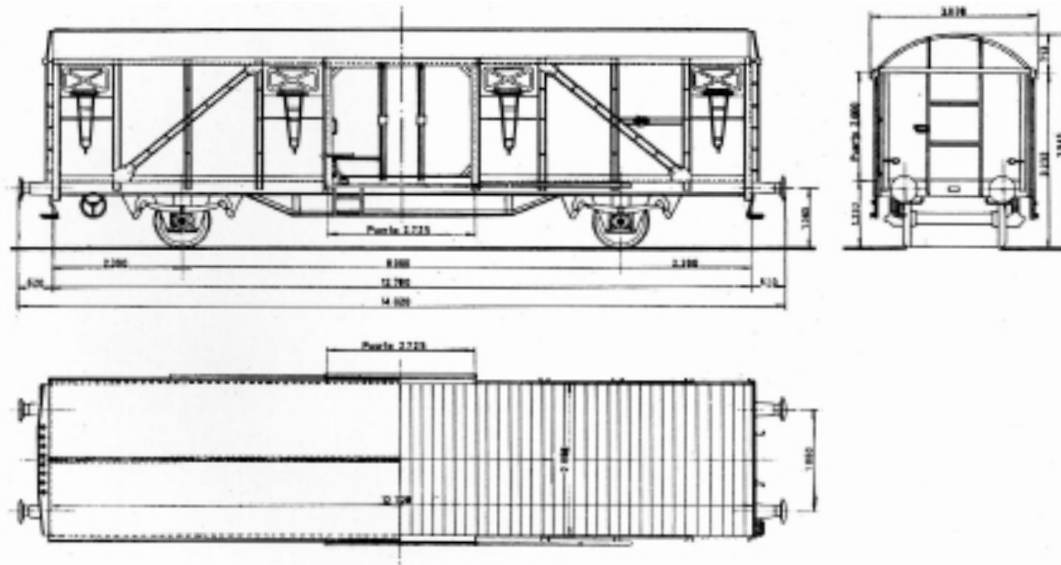
VENTILATED	NOM. 48	GBS								
	Wagon numbers:									
	Gbs 24 87 150 0 158-7, 272-6, 274-2, 340-1, 371-6, 544-8, 690-9, 781-6, 810-3, 835-0, 841-8, 852-5, 870-7, 872-3, 923-4.									
	Tare: 10.500 kg	Loading length: 12,728 m								
	Payload: 29,5 t	Loading height (height of door): 2,000 m								
	Maximum speed: 100 km/h	Width side door: 2,725 m								
	Axle code: N00200 ó U00200	Loading width: 2,668 m								
	Length over buffers: 14,020 m	Loading surface: 33,9 m ²								
	Wheel-base: 8,000 m									
	Loading volume: 72 m ³									
	Height from deck to rail: 1,232 m									
<table border="1" style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">S</td> <td style="text-align: center;">21,5 t</td> <td style="text-align: center;">25,5 t</td> <td style="text-align: center;">29,5 t</td> </tr> </table>		A	B	C	S	21,5 t	25,5 t	29,5 t		Quantity: 2
	A	B	C							
S	21,5 t	25,5 t	29,5 t							


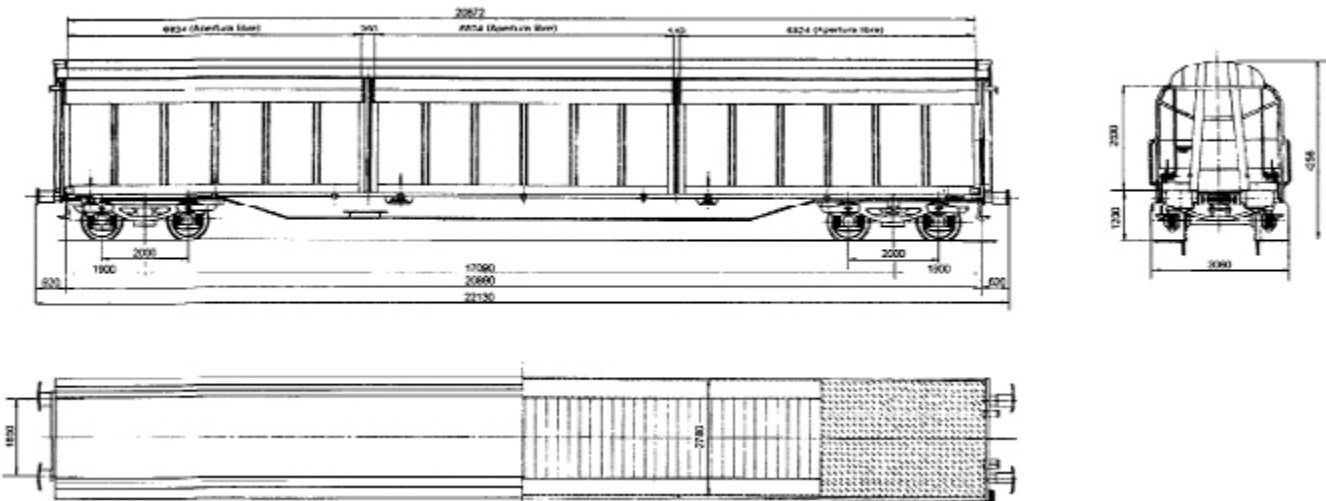



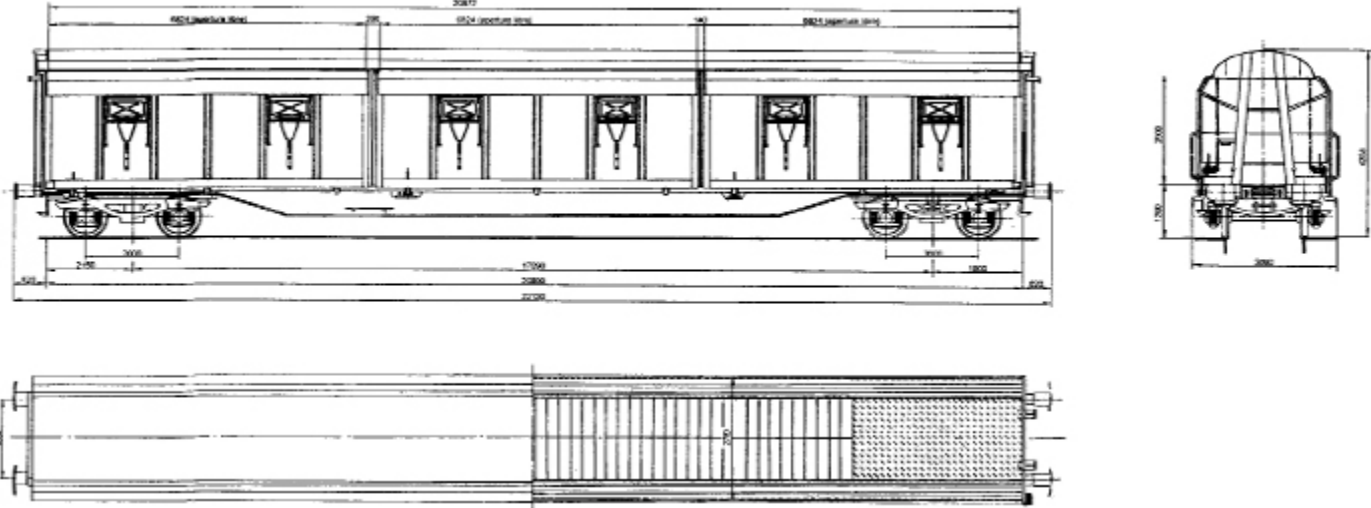
VENTILATED	NOM. 48B	GBS								
	Wagon numbers:									
	Gbs 24 87 150 0 158-7, 272-6, 274-2, 340-1, 371-6, 544-8, 690-9, 781-6, 810-3, 835-0, 841-8, 852-5, 870-7, 872-3, 923-4.									
	Tare: 10.000 kg	Loading length: 12,728 m								
	Payload: 30 t	Loading height (height of door): 2,000 m								
	Maximum speed: 100 km/h	Width side door: 2,725 m								
	Axle code: N00200 ó U00200	Loading width: 2,668 m								
	Length over buffers: 14,020 m	Loading surface: 33,9 m ²								
	Wheel-base: 8,000 m									
	Loading volume: 72 m ³									
	Height from deck to rail: 1,232 m									
<table border="1" style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">S</td> <td style="text-align: center;">21,5 t</td> <td style="text-align: center;">25,5 t</td> <td style="text-align: center;">29,5 t</td> </tr> </table>		A	B	C	S	21,5 t	25,5 t	29,5 t		Quantity: 23
	A	B	C							
S	21,5 t	25,5 t	29,5 t							


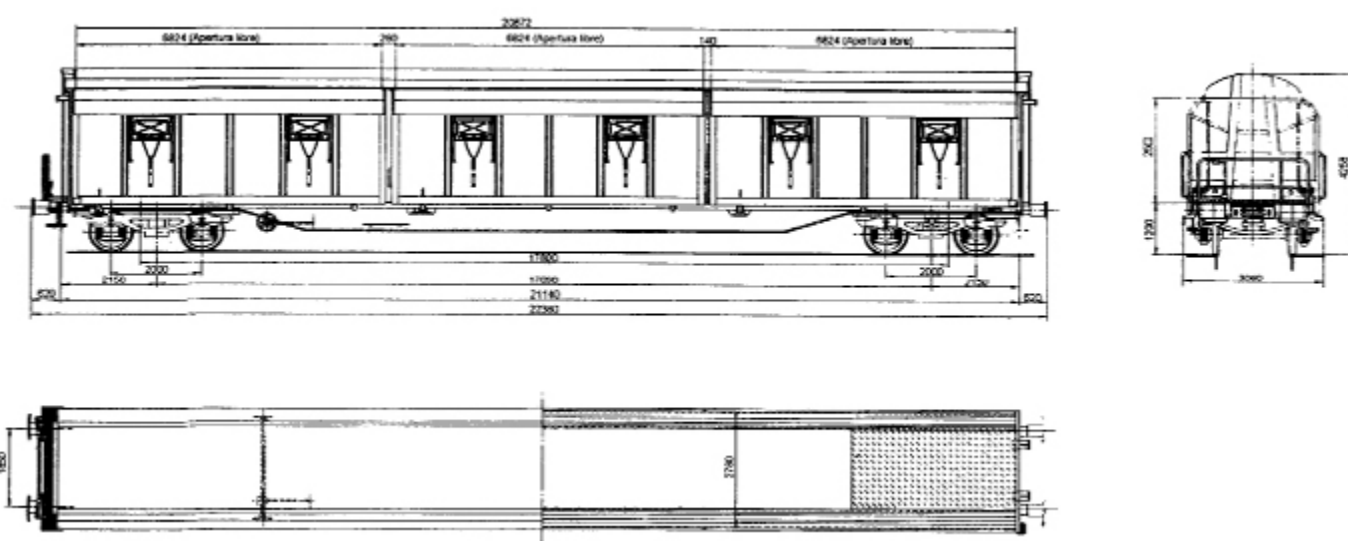



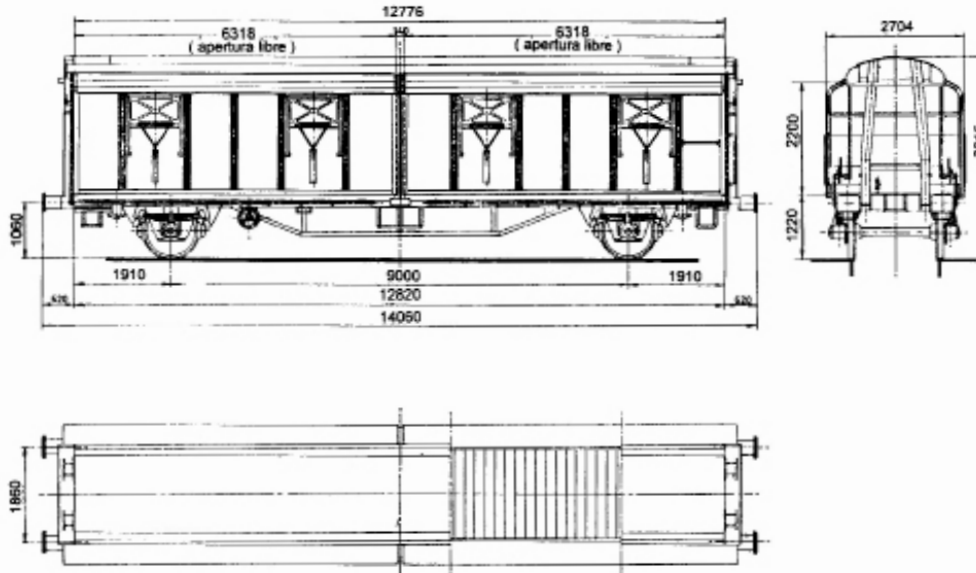
VENTILATED	NOM. 48D	GBS								
	Wagon numbers:									
	Gbs 24 87 150 0 158-7, 272-6, 274-2, 340-1, 371-6, 544-8, 690-9, 781-6, 810-3, 835-0, 841-8, 852-5, 870-7, 872-3, 923-4.									
	Tare: 10.000 kg	Loading length: 12,728 m								
	Payload: 30 t	Loading height (height of door): 2,000 m								
	Maximum speed: 100 km/h	Width side door: 2,725 m								
	Axle code: N00200 ó U00200	Loading width: 2,668 m								
	Length over buffers: 14,020 m	Loading surface: 33,9 m ²								
	Wheel-base: 9,000 m									
	Loading volume: 72 m ³									
	Height from deck to rail: 1,232 m									
<table border="1" style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">S</td> <td style="text-align: center;">21,5 t</td> <td style="text-align: center;">25,5 t</td> <td style="text-align: center;">29,5 t</td> </tr> </table>		A	B	C	S	21,5 t	25,5 t	29,5 t		Quantity: 3
	A	B	C							
S	21,5 t	25,5 t	29,5 t							



SLIDING DOORS	NOM. 77	HABIS								
	Wagon numbers: Habis 34 80 275 2 334-2 al 348-2									
	Tare: 27.000 kg		Loading length: 20,872 m							
	Payload: 53,0 t		Loading height (height of door): 2,500 m							
	Maximum speed: 100 km/h		Width side door: 3 x 6,824 m							
	Axle code: N9220B ó U9220B		Loading width: 2,780 m							
Length over buffers: 22,130 m		Loading surface: 58,0 m ²								
Wheel-base: 17,090 m										
Loading volume: 125 m ³										
Height from deck to rail: 1,200 m										
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>37 t</td> <td>45 t</td> <td>53 t</td> </tr> </table>		A	B	C	S	37 t	45 t	53 t	Quantity: 15	
	A	B	C							
S	37 t	45 t	53 t							
										

SLIDING DOORS	NOM. 77B	HABIS								
	Wagon numbers: Habis 34 80 275 2 134-6 al 213-8									
	Tare: 27.000 kg	Loading length: 20,872 m								
	Payload: 53,0 t	Loading height (height of door): 2,500 m								
	Maximum speed: 100 km/h	Width side door: 3 x 6,824 m								
	Axle code: N9220B ó U9220B	Loading width: 2,780 m								
	Length over buffers: 22,130 m	Loading surface: 58,0 m ²								
Wheel-base: 17,090 m										
Loading volume: 125 m ³										
Height from deck to rail: 1,200 m										
<table border="1" data-bbox="1144 810 1420 879"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>37 t</td> <td>45 t</td> <td>53 t</td> </tr> </table>		A	B	C	S	37 t	45 t	53 t		Quantity: 79
	A	B	C							
S	37 t	45 t	53 t							
										

SLIDING DOORS	NOM. 77C	HABIS								
	Wagon numbers: Habis 34 80 275 2 214-6 al 233-6									
	Tare: 27.000 kg									
	Payload: 53,0 t									
	Maximum speed: 100 km/h									
	Axle code: N9220B ó U9220B									
	Length over buffers: 22,380 m									
Wheel-base: 17,090 m										
Loading volume: 125 m ³										
Height from deck to rail: 1,200 m										
	<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>37 t</td> <td>45 t</td> <td>53 t</td> </tr> </table>		A	B	C	S	37 t	45 t	53 t	Quantity: 79
	A	B	C							
S	37 t	45 t	53 t							
										

VENTILATED SLIDING DOORS		NOM. 95	HBFIS												
	International Traffic (English Gauge)	Wagon numbers: Hbfis 24 80 239 8 000-1 al 099-3													
	TECHNICAL SPECIFICATIONS														
	Tare: 13.600 kg		Loading length: 12,776 m												
	Payload: 26,4 t		Loading height (height of door): 2,200 m												
	Maximum speed: 100 km/h		Width side door: 6,318 m												
Axle code: N00200 ó U00200		Loading width: 2,620 m													
Length over buffers: 14,060 m		Loading surface: 33,4 m ²													
Wheel-base: 9,000 m															
Loading volume: 72 m ³															
Height from deck to rail: 1,220 m															
	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>37 t</td> <td>45 t</td> <td>53 t</td> </tr> <tr> <td>SS</td> <td colspan="3">0,0 t</td> </tr> </tbody> </table>		A	B	C	S	37 t	45 t	53 t	SS	0,0 t				Quantity: 10
	A	B	C												
S	37 t	45 t	53 t												
SS	0,0 t														
															

VENTILATED SLIDING DOORS

NOM. 95A

HBFIS



**International Traffic
(English Gauge)**

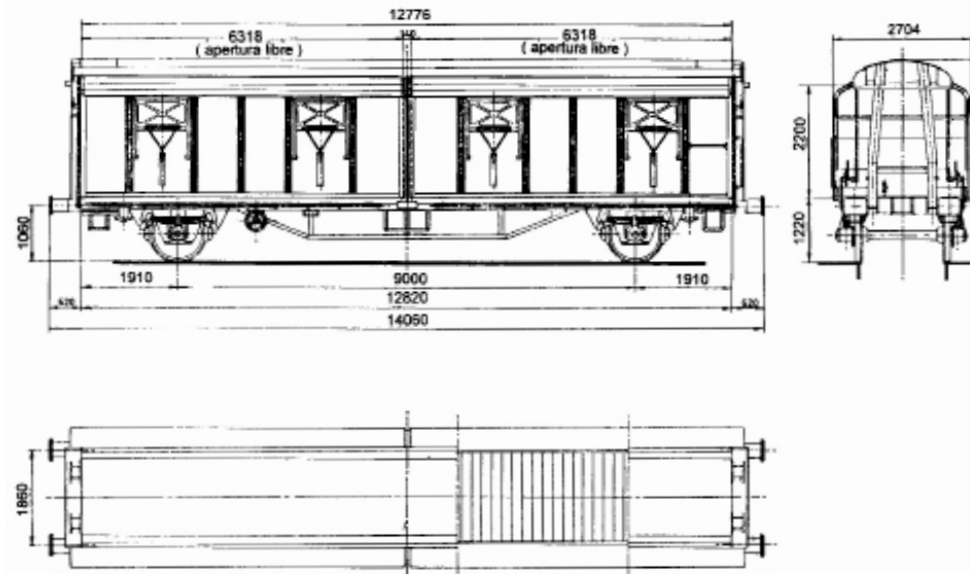
Wagon numbers:
Hbfis 24 71 239 8 000-2 al 199-2


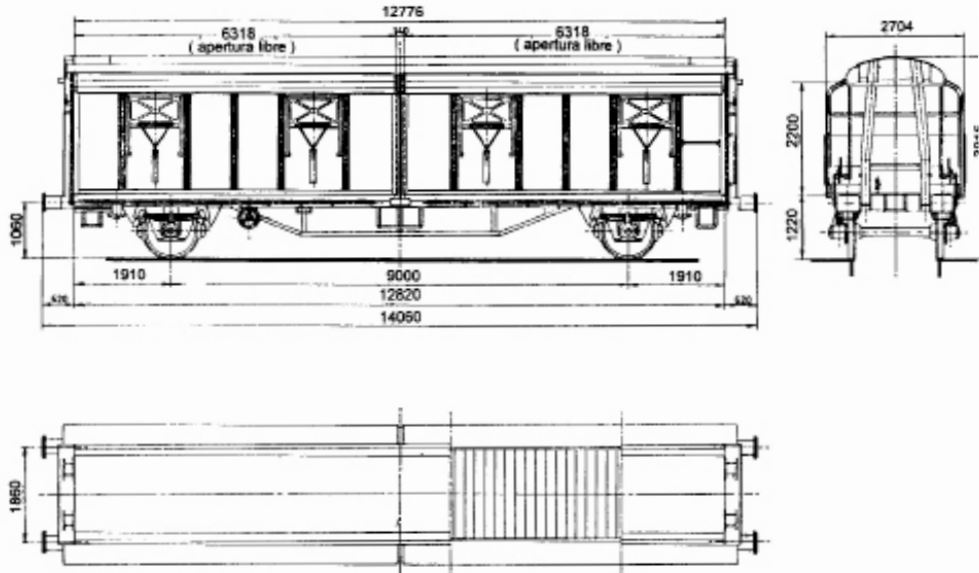
TECHNICAL SPECIFICATIONS


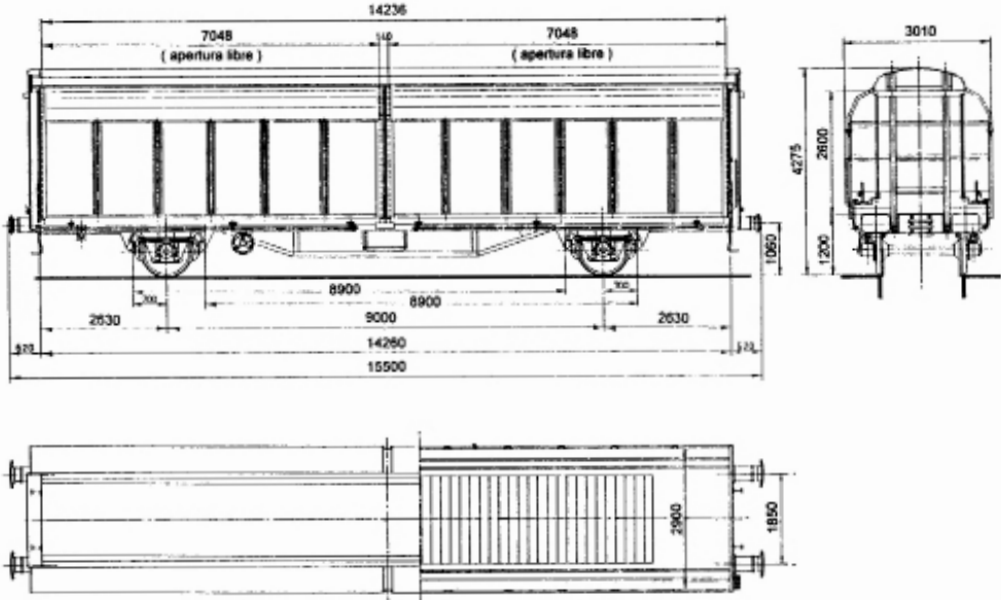
Tare: 13,300 kg	Loading length: 12,776 m
Payload: 26,7 t	Loading height (height of door): 2,200 m
Maximum speed: 100 km/h	Width side door: 6,318 m
Axle code: N00200 ó U00200	Loading width: 2,620 m
Length over buffers: 14,060 m	Loading surface: 33,4 m ²
Wheel-base: 9,000 m	
Loading volume: 72 m ³	
Height from deck to rail: 1,230 m	


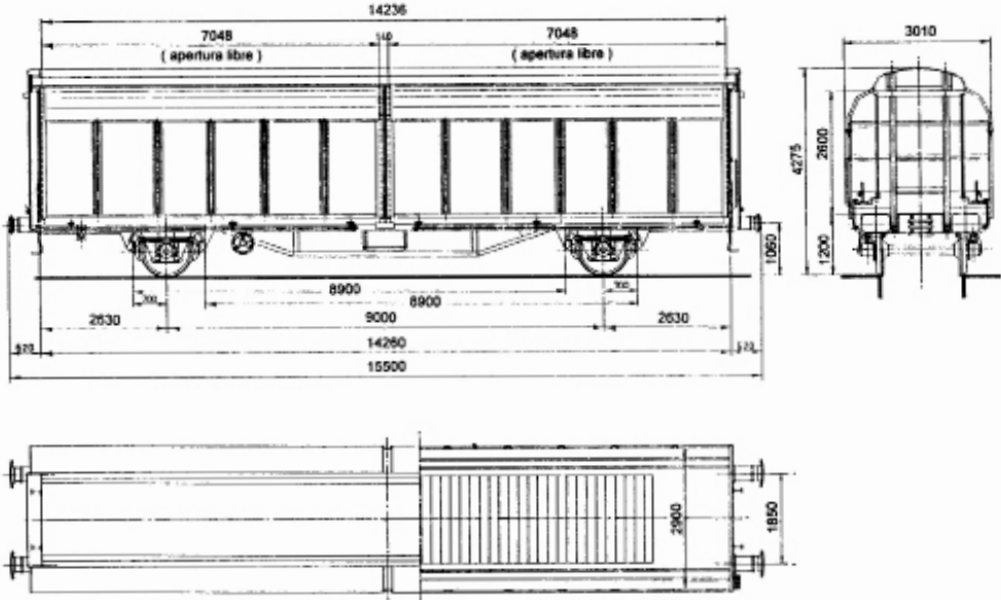
	A	B	C
S	18,7 t	22,7 t	26,7 t

Quantity: 20


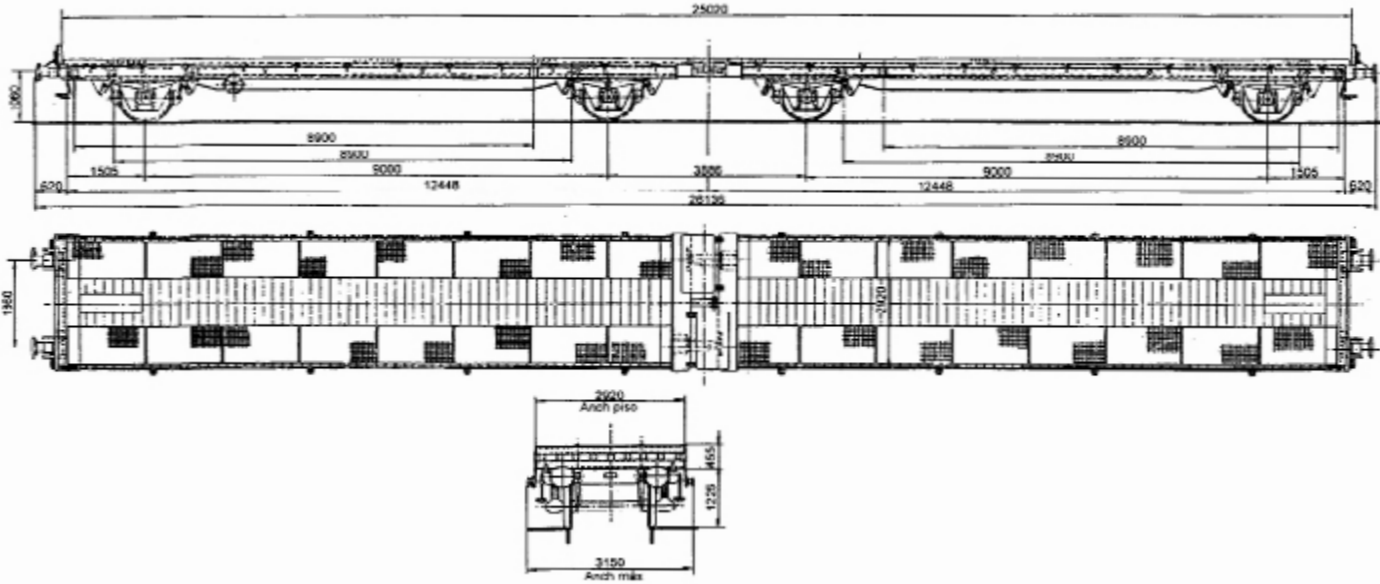


VENTILATED SLIDING DOORS		NOM. 95B	HBFIS								
	International Traffic (English Gauge)	Wagon numbers: Hbfis 24 71 239 8 200-3 al 249-5 Hbfis 24 71 239 8 300-6 al 304-8									
	TECHNICAL SPECIFICATIONS										
	Tare: 12.300 kg		Loading length: 12,776 m								
	Payload: 27,7 t		Loading height (height of door): 2,200 m								
	Maximum speed: 100 km/h		Width side door: 6,318 m								
Axle code: N00200 ó U00200		Loading width: 2,620 m									
Length over buffers: 14,060 m		Loading surface: 33,4 m ²									
Wheel-base: 9,000 m											
Loading volume: 72 m ³											
Height from deck to rail: 1,230 m											
<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>19,7 t</td> <td>23,7 t</td> <td>27,7 t</td> </tr> </table>				A	B	C	S	19,7 t	23,7 t	27,7 t	Quantity: 3
	A	B	C								
S	19,7 t	23,7 t	27,7 t								
											


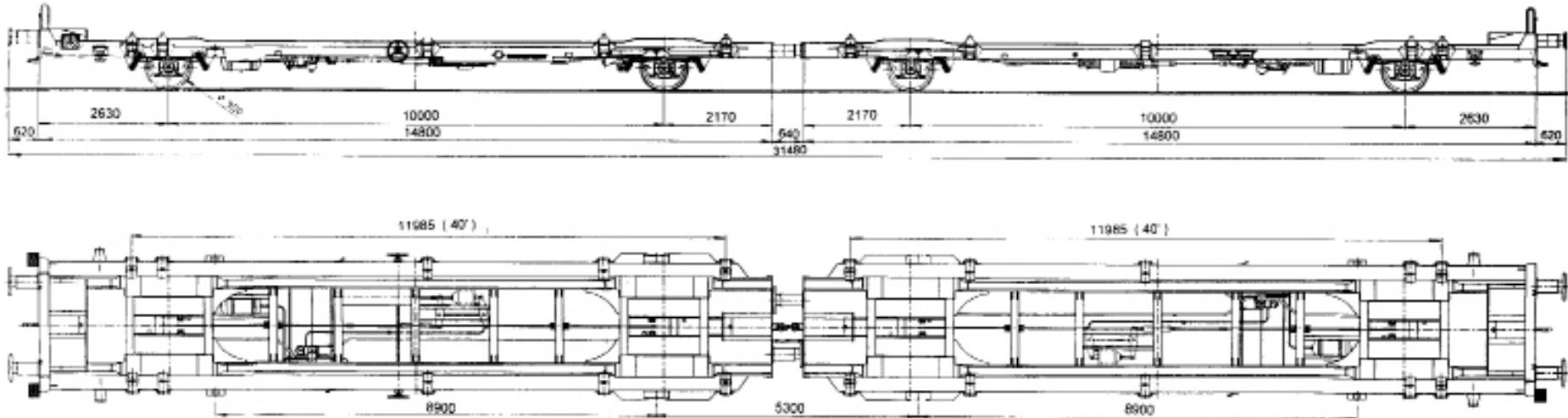
SLIDING DOORS		NOM. 100	HBIS										
		Wagon numbers:											
		Hbis 24 71 225 0 000-9 al 064-5 *		Hbis 24 71 225 0 065-2 al 099-1 **									
		Hbis 24 71 225 0 100-7 al 131-2 *		Hbis 24 71 225 0 132-0 al 149-4 **									
		Tare: 14.800 kg		Loading length: 14,236 m									
		Payload: 25,2 t		Loading height (height of door): 2,600 m									
		Maximum speed: 100 km/h		Width side door: 7,048 m									
		Axle code: N00200 ó U00200		Loading width: 2,900 m									
		Length over buffers: 15,500 m		Loading surface: 41,3 m ²									
		Wheel-base: 9,000 m											
		Loading volume: 113 m ³											
Height from deck to rail: 1,200 m													
		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">S</td> <td style="text-align: center;">17,2 t</td> <td style="text-align: center;">21,2 t</td> <td style="text-align: center;">25,2 t</td> </tr> </table>			A	B	C	S	17,2 t	21,2 t	25,2 t	* No handbrake ** With handbrake	Quantity: 101
	A	B	C										
S	17,2 t	21,2 t	25,2 t										
													

SLIDING DOORS		NOM. 100A	HBISS												
			Wagon numbers:												
			With handbrake Hbiss 24 71 245 0 000-7 al 066-8	No handbrake Hbiss 24 71 245 0 067-6 al 189-8											
			Tare: 15.700 kg	Loading length: 14,236 m											
			Payload: 24,3 t	Loading height (height of door): 2,600 m											
			Maximum speed: 100 km/h	Width side door: 7,048 m											
			Axle code: N00200 ó U00200	Loading width: 2,900 m											
			Length over buffers: 15,500 m	Loading surface: 41,3 m ²											
			Wheel-base: 9,000 m												
			Loading volume: 113 m ³												
			Height from deck to rail: 1,200 m												
		<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>16,3 t</td> <td>20,3 t</td> <td>24,3 t</td> </tr> <tr> <td>SS</td> <td>16,3 t</td> <td>00,0 t</td> <td></td> </tr> </tbody> </table>		A	B	C	S	16,3 t	20,3 t	24,3 t	SS	16,3 t	00,0 t		Quantity: 117
	A	B	C												
S	16,3 t	20,3 t	24,3 t												
SS	16,3 t	00,0 t													
															


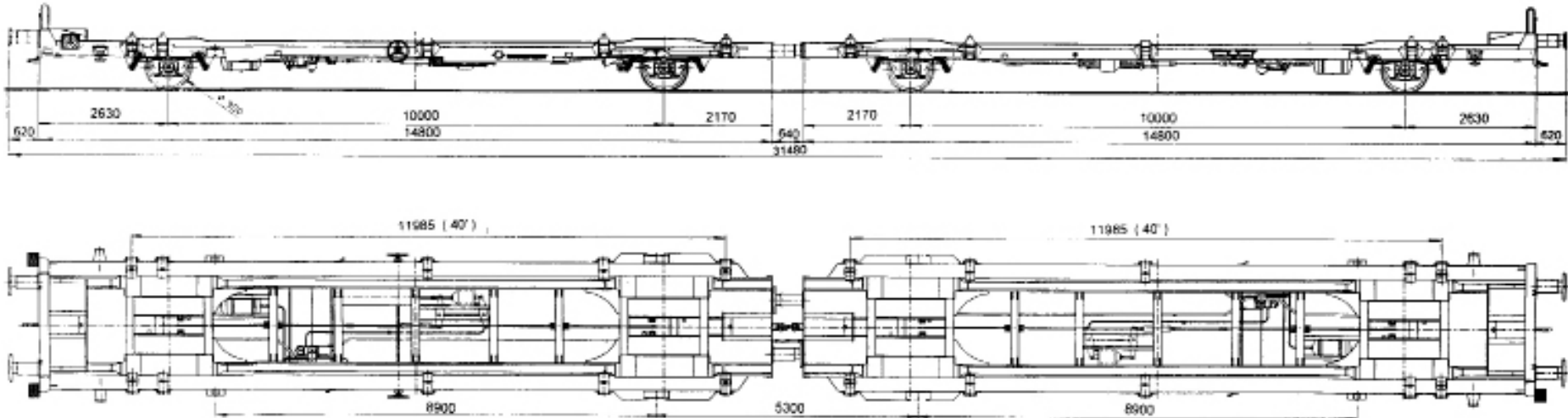
Only authorized in: Spain

CAR-CARRIER 1 DECK		NOM. 78	LAAPS								
	Peninsular Traffic	Wagon numbers: Laaps 43 71 430 8 001-2 al 058-2 (TRANSFESA)									
	TECHNICAL SPECIFICATIONS										
	Tare: 25.700 kg		Deck width: 2,920 m								
	Payload: 56,3 t										
	Maximum speed: 100 km/h										
Axle code: N00200											
Length over buffers: 26,136 m											
Wheel-base: 9,000 m											
Height from lower deck to rail: 1,225 m											
Loading length: 25,020 m											
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>40,3 t</td> <td>48,3 t</td> <td>56,3 t</td> </tr> </table>				A	B	C	S	40,3 t	48,3 t	56,3 t	Quantity: 57
	A	B	C								
S	40,3 t	48,3 t	56,3 t								
											


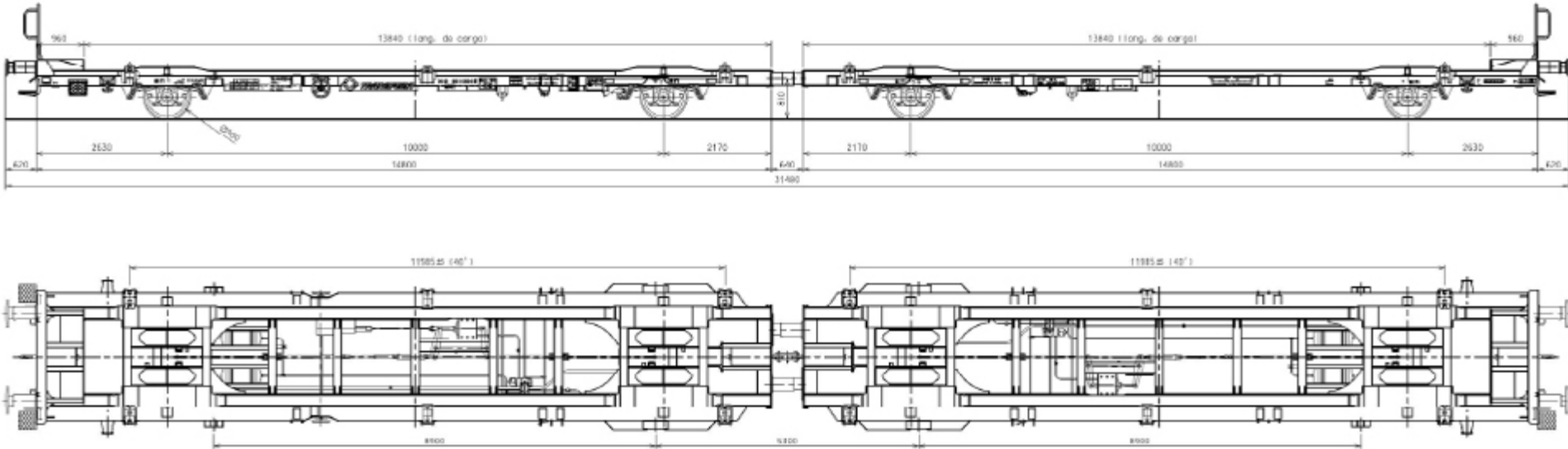
Authorized in these countries: France, Switzerland, Germany, Slovenia, Belgium, Czech Republic, Slovakia, Luxemburgo, Bulgaria, Croatia, Hungary, Romania, Turkey, Portugal, Serbia and Spain

CONTAINER FLAT MULTIPLE WAGON		NOM. 139	LAAGRSS														
	International Traffic	Wagon numbers: Laagrss 43 71 437 8 002-5 al 071-0 Laagrss 43 71 437 8 072-8 al 091-8															
	TECHNICAL SPECIFICATIONS																
	Tare: 26,6 t	Height from deck to rail: 0,869 / 1,042 m															
	Payload: 61,8 t	Loading upper deck: ILU 40' y 45'															
	Maximum speed: 120 km/h	Loading lower deck: Mega-Combi units of 45'															
Axle code: N00200 ó U00200	Wagon code: C+30 / C+13																
Length over buffers: 31,480 m																	
Wheel-base: 10,000 m																	
Loading length: 2 x 13,8 m																	
Interior width: 2,584 m																	
	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td>61,8 t</td> </tr> <tr> <td>SS</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td></td> </tr> </tbody> </table>		A	B	C	D	S	37,0 t	45,2 t	53,2 t	61,8 t	SS	37,0 t	45,2 t	53,2 t		Quantity: 90
	A	B	C	D													
S	37,0 t	45,2 t	53,2 t	61,8 t													
SS	37,0 t	45,2 t	53,2 t														
																	


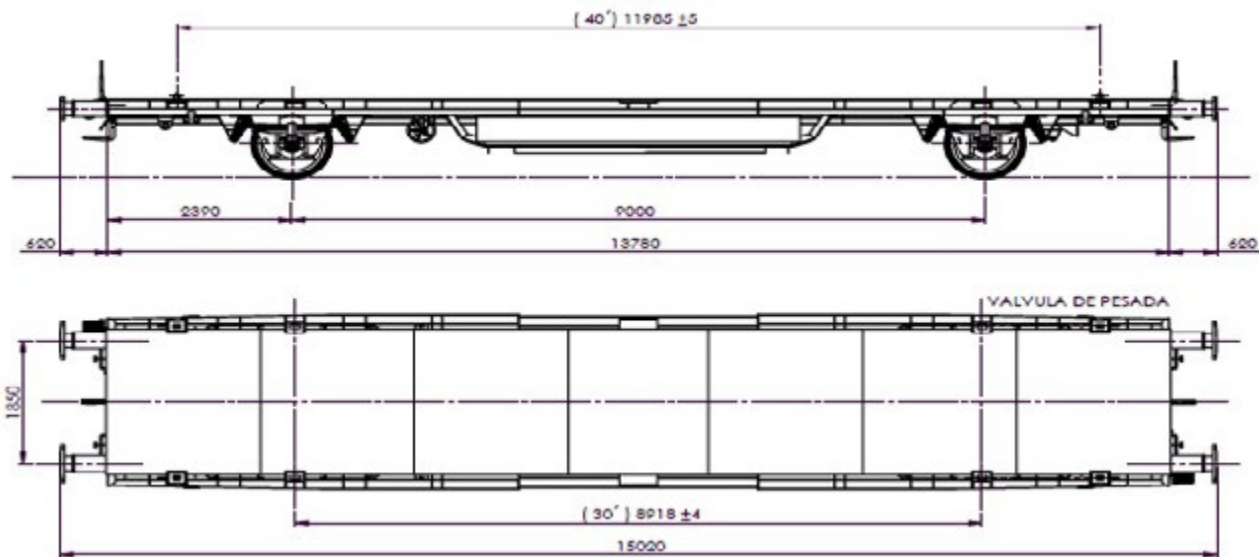
Authorized in these countries: France, Switzerland, Germany, Slovenia, Belgium, Czech Republic, Slovakia, Luxemburgo, Bulgaria, Croatia, Hungary, Romania, Turkey, Portugal, Serbia and Spain

CONTAINER FLAT MULTIPLE WAGON		NOM. 139B	LAAGRSS															
	International Traffic	Wagon numbers: Laagrss 43 71 437 8 092-6 al 235-1 (ETICA LEICER) Laagrss 43 71 437 8 236-9 al 315-1 (TRIP TRAILER) Laagrss 43 71 437 8 316-9 al 407-6 (TRANSFESA)																
		TECHNICAL SPECIFICATIONS																
		Tare: 26,6 t Payload: 61,8 t Maximum speed: 100 km/h Axle code: N90220 ó U90220 Length over buffers: 31,480 m Wheel-base: 10,000 m Loading length: 2 x 13,8 m Interior width (useful): 2,584 m		Height from deck to rail: 0,869 / 1,042 m Loading upper deck: ILU 40' y 45' Loading lower deck: Mega-Combi units of 45' Wagon code: C+30 / C+13														
	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td>61,8 t</td> </tr> <tr> <td>SS</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td></td> </tr> </tbody> </table>		A	B	C	D	S	37,0 t	45,2 t	53,2 t	61,8 t	SS	37,0 t	45,2 t	53,2 t			Quantity: 293 (141 ETICA, 80 TIP TRAILER, 72 TRANSFESA)
	A	B	C	D														
S	37,0 t	45,2 t	53,2 t	61,8 t														
SS	37,0 t	45,2 t	53,2 t															
																		

Authorized in these countries: France, Switzerland, Germany, Slovenia, Belgium, Czech Republic, Slovakia, Luxemburgo, Bulgaria, Croatia, Hungary, Romania, Turkey, Portugal, Serbia and Spain

CONTAINER FLAT MULTIPLE WAGON		NOM. 139C	LAAGRSS														
	International Traffic	Wagon numbers: Laagrss 43 71 437 8 346-6 al 365-6															
	TECHNICAL SPECIFICATIONS																
	Tare: 26,6 t	Height from deck to rail: 0,869 / 1,042 m															
	Payload: 61,8 t	Loading upper deck: ILU 40' y 45'															
	Maximum speed: 100 km/h	Loading lower deck: Mega-Combi units of 45'															
Axle code: N90220 ó U90220	Wagon code: C+30 / C+13																
Length over buffers: 31,480 m																	
Wheel-base: 10,000 m																	
Loading length: 2 x 13,8 m																	
Interior width (useful): 2,584 m																	
<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td>61,8 t</td> </tr> <tr> <td>SS</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td></td> </tr> </tbody> </table>		A	B	C	D	S	37,0 t	45,2 t	53,2 t	61,8 t	SS	37,0 t	45,2 t	53,2 t		<ul style="list-style-type: none"> • Double brake rigging in each half-wagon. 	Quantity: 20
	A	B	C	D													
S	37,0 t	45,2 t	53,2 t	61,8 t													
SS	37,0 t	45,2 t	53,2 t														
																	


Authorized in these countries: Belgium, France, Germany, Italy, Portugal, Spain and The Netherlands

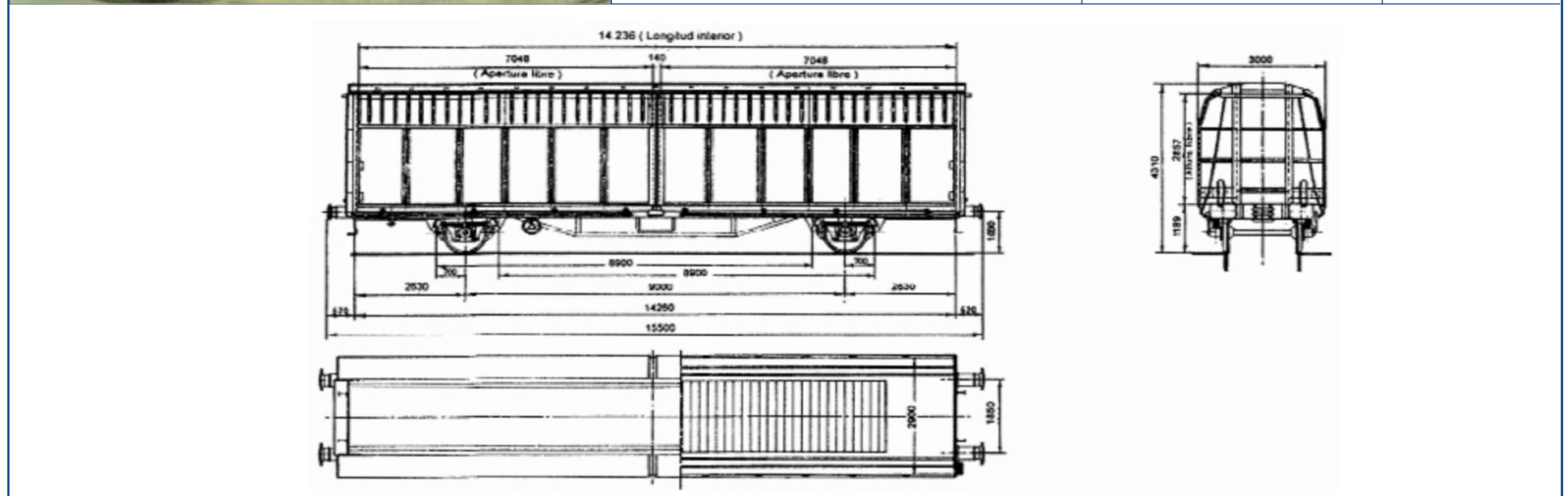
INTERMODAL FLAT		NOM. 168		LFGNSS																
	International Traffic (English Gauge)		Wagon numbers: Lfgnss 24 71 445 0 001-1 al 070-6																	
	TECHNICAL SPECIFICATIONS																			
	Tare: 12.100 kg		Maximum width: 2,620 m																	
	Payload: 32,9 t		Height from deck to rail: 1,180 m																	
	Maximum speed: 120 km/h		Wagon code: C0 (Spain)/ C+2 (UIC)																	
Axle code: N00220 ó U97220																				
Lenght over buffers: 15,020 m																				
Wheel-base: 9,000 m																				
Loading length: 13,780 m																				
Spigots: 30' y 40'																				
		<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>19,9 t</td> <td>23,8 t</td> <td>27,9 t</td> <td>32,9</td> </tr> <tr> <td>SS</td> <td>19,9 t</td> <td>23,8 t</td> <td>27,9 t</td> <td></td> </tr> </tbody> </table>			A	B	C	D	S	19,9 t	23,8 t	27,9 t	32,9	SS	19,9 t	23,8 t	27,9 t		Quantity: 68	
	A	B	C	D																
S	19,9 t	23,8 t	27,9 t	32,9																
SS	19,9 t	23,8 t	27,9 t																	
																				

Authorized in these countries: France, Switzerland, Germany, Slovenia, Belgium, Czech Republic, Slovakia, Luxemburgo, Bulgaria, Croatia, Hungary, Romania, Turkey, Portugal, Serbia and Spain


CONTAINER FLAT MULTIPLE WAGON		NOM. 139D	LAAGRSS															
	International Traffic	Wagon numbers: Laagrss 43 71 437 8 408-4 al 642-8																
	TECHNICAL SPECIFICATIONS																	
Tare: 26,6 t		Height from deck to rail: 0,865 / 1,036 m																
Payload: 61,8 t		Loading upper deck: ILU 40' y 45'																
Maximum speed: 100 km/h		Loading lower deck: Mega-Combi units of 45'																
Axle code: N90220 ó U90220		Wagon code: C+31 / C+13																
Length over buffers: 31,480 m																		
Wheel-base: 10,000 m																		
Loading length: 2 x 13,8 m																		
Interior width (useful): 2,584 m																		
	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>37,0 t</td> <td>45,2 t</td> <td>53,2 t</td> <td>61,8 t</td> </tr> <tr> <td>SS</td> <td>37,7 t</td> <td>45,2 t</td> <td>53,2 t</td> <td></td> </tr> </tbody> </table>		A	B	C	D	S	37,0 t	45,2 t	53,2 t	61,8 t	SS	37,7 t	45,2 t	53,2 t		Quantity: 156	
	A	B	C	D														
S	37,0 t	45,2 t	53,2 t	61,8 t														
SS	37,7 t	45,2 t	53,2 t															
																		

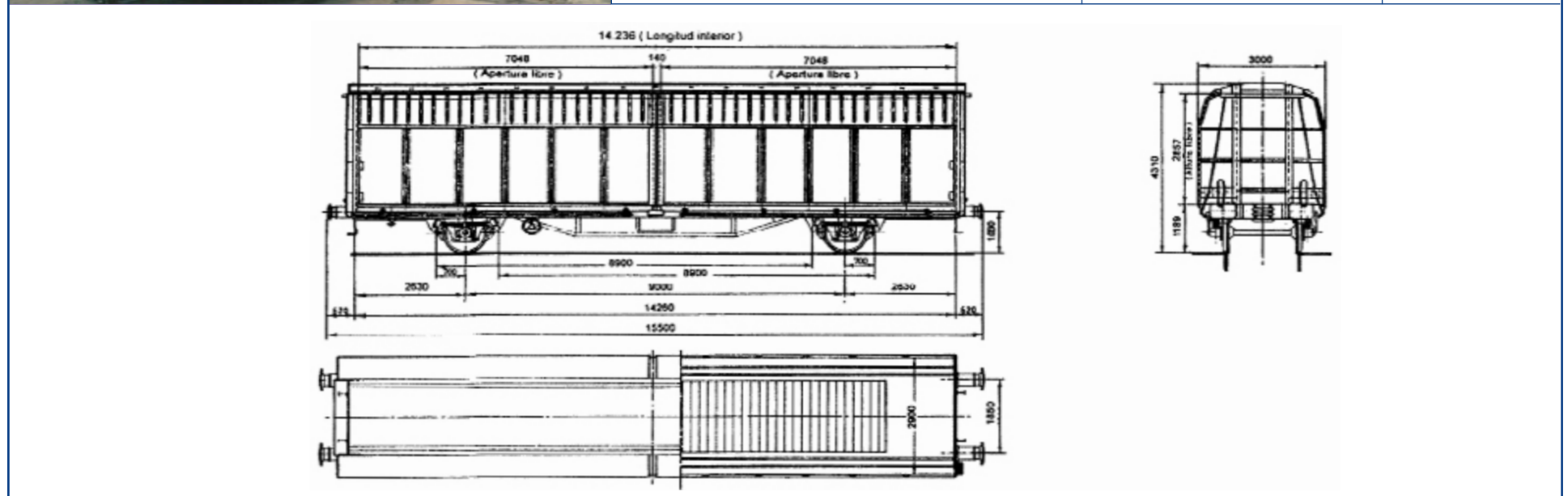
These wagons have gauge type B (according to EN 15273-2 is profile GB, bigger than G1). They can run in some railway lines in Spain, France and Germany. They can run in Portugal.


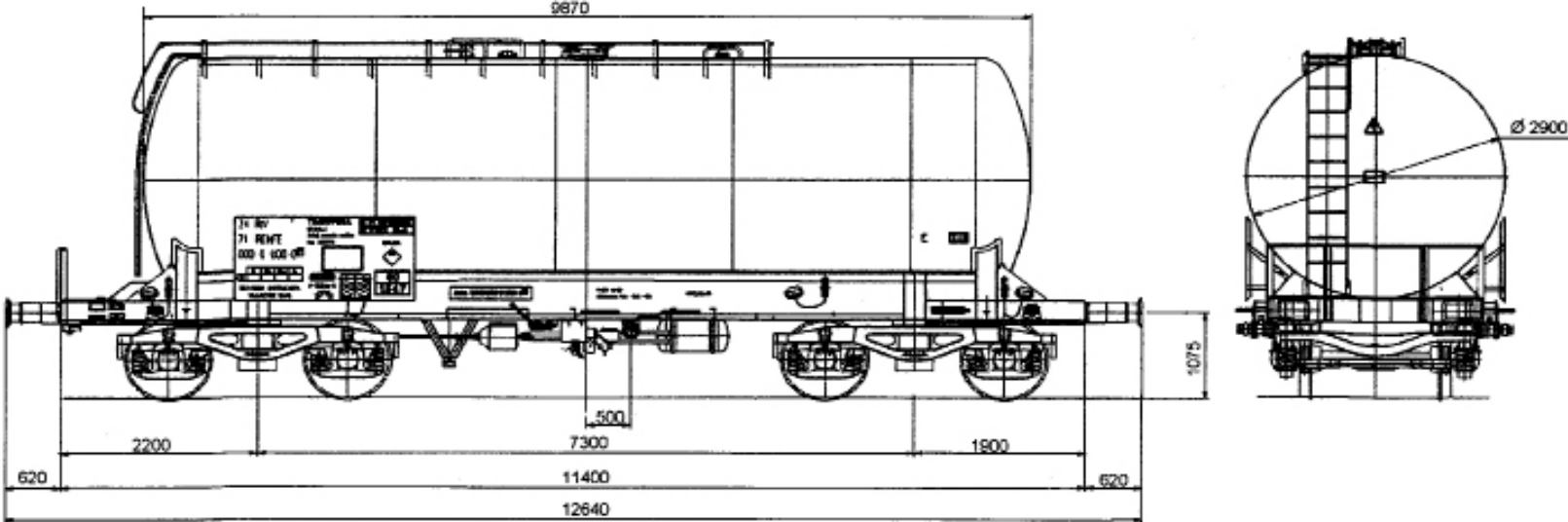
HI-CUBE	NOM. 119	HBBIKKS								
	International Traffic	Wagon numbers: No handbrake Hbbikks 43 71 228 5 001-3 al 091-4 With handbrake Hbbikks 43 71 228 5 142-5 al 190-4								
		TECHNICAL SPECIFICATIONS								
	Tare: 15.700 kg		Loading height: 2,857 m							
	Payload: 24,3 t		Loading height (height of door): 2,857 m							
	Maximum speed: 100 km/h		Width side door: 7,048 m							
Axle code: N00200 ó U00200		Loading width: 2,900 m								
Length over buffers: 15,500 m		Loading surface: 41,3 m ³								
Wheel-base: 9,000 m		Height from deck to rail: 1,189 m								
Loading volume: 115 m ³										
Loading length: 14,236 m										
<table border="1" data-bbox="1137 810 1420 879"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>16,3 t</td> <td>20,3 t</td> <td>24,3 t</td> </tr> </table>			A	B	C	S	16,3 t	20,3 t	24,3 t	Quantity: 138
	A	B	C							
S	16,3 t	20,3 t	24,3 t							


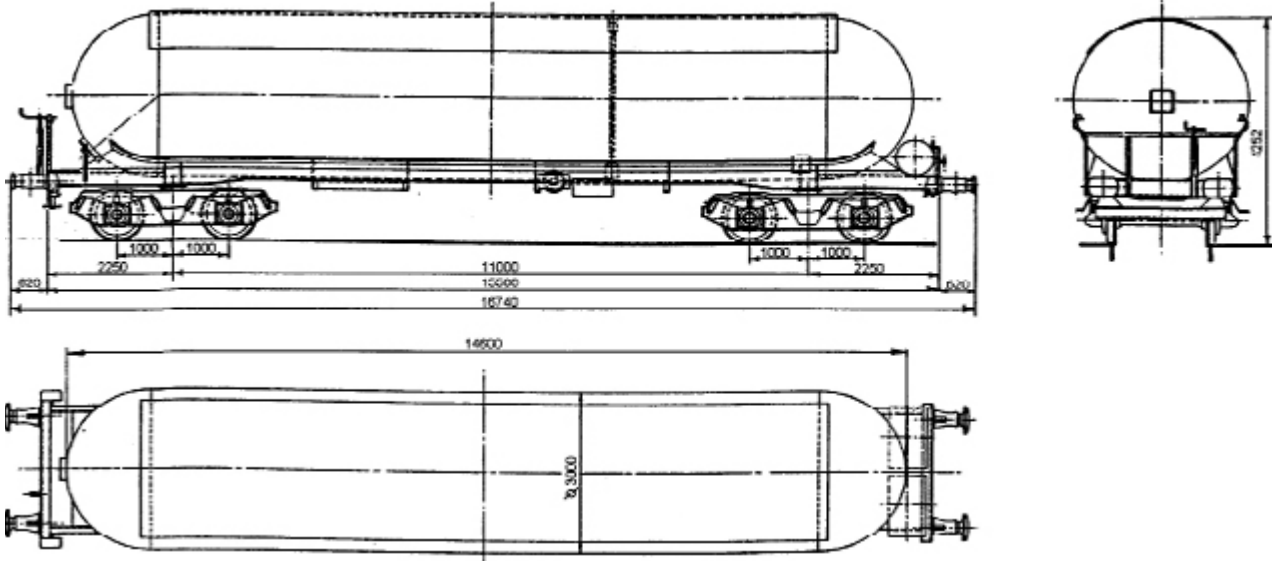


These wagons have gauge type B (according to EN 15273-2 is profile GB, bigger than G1). They can run in some railway lines in Spain, France and Germany. They can run in Portugal.

HI-CUBE +	International Traffic	NOM. 119A	HBBIKKS								
	<p align="center">Wagon numbers:</p> <p>No handbrake: Hbbikkks 43 71 228 5 092-2 al 123-7 With handbrake: Hbbikkks 43 71 228 5 124-3 al 141-7</p>										
	<p align="center">TECHNICAL SPECIFICATIONS</p>										
	Tare: 15.700 kg		Loading height: 2,857 m								
	Payload: 24,3 t		Loading height (height of door): 2,857 m								
	Maximum speed: 100 km/h		Width side door: 7,048 m								
Axle code: N00200 ó U00200		Loading width: 2,900 m									
Length over buffers: 15,500 m		Loading surface: 41,3 m ³									
Wheel-base: 9,000 m		Height from deck to rail: 1,189 m									
Loading volume: 115 m ³											
Loading length: 14,236 m											
<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>16,3 t</td> <td>20,3 t</td> <td>24,3 t</td> </tr> </table>				A	B	C	S	16,3 t	20,3 t	24,3 t	Quantity: 49
	A	B	C								
S	16,3 t	20,3 t	24,3 t								



ANILINE TANK WAGON		NOM. 40B	ZAES								
	Peninsular Traffic	Wagon numbers: Zaes 83 71 788 0 690-2, 0 750-4, 0 806-4, 0 861-9, 1 020-1, 1 022-7, 1 040-9, 1 042-5, 1 045-8, 1 046-6									
	TECHNICAL SPECIFICATIONS										
Tare: 22.100 kg		Tank diameter: 2,900 m									
Payload: 57,9 t		Maximum height:									
Maximum speed: 100 km/h		Heated: No									
Axle code: N9220B		Load door dimensions:									
Length over buffers: 12,640 m		RID / N° ONU: 6 / 1547									
Wheel-base: 7,300 m											
Loading volume: 64 m ³											
Tank length: 9,870 m											
<table border="1"> <thead> <tr> <th></th> <th>A o B</th> <th>B2</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>41,1 t</td> <td>49,9 t</td> <td>57,9 t</td> </tr> </tbody> </table>			A o B	B2	C	S	41,1 t	49,9 t	57,9 t	Quantity: 10	
	A o B	B2	C								
S	41,1 t	49,9 t	57,9 t								
											

AMMONIA TANK WAGON		NOM. 44	ZAGKKS								
	Peninsular Traffic	Wagon numbers: Zagkks 83 71 791 2 003-0 al 006-3									
		TECHNICAL SPECIFICATIONS									
	Tare: 34.000 kg		Tank diameter: 3,000 m								
	Payload: 46,0 t		Maximum height: 4,252								
	Maximum speed: 100 km/h		Heated: No								
Axle code: P9220B		Load door dimensions:									
Length over buffers: 16,740 m		RID / N° ONU: 2 / 1005									
Wheel-base: 11,000 m											
Loading volume: 97 m ³											
Tank length: 14,600 m											
<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <th>S</th> <td>30 t</td> <td>38 t</td> <td>46 t</td> </tr> </tbody> </table>			A	B	C	S	30 t	38 t	46 t	Quantity: 4	
	A	B	C								
S	30 t	38 t	46 t								
											

AMMONIA TANK WAGON

NOM. 51

ZAGKKS



Peninsular Traffic

Wagon numbers:

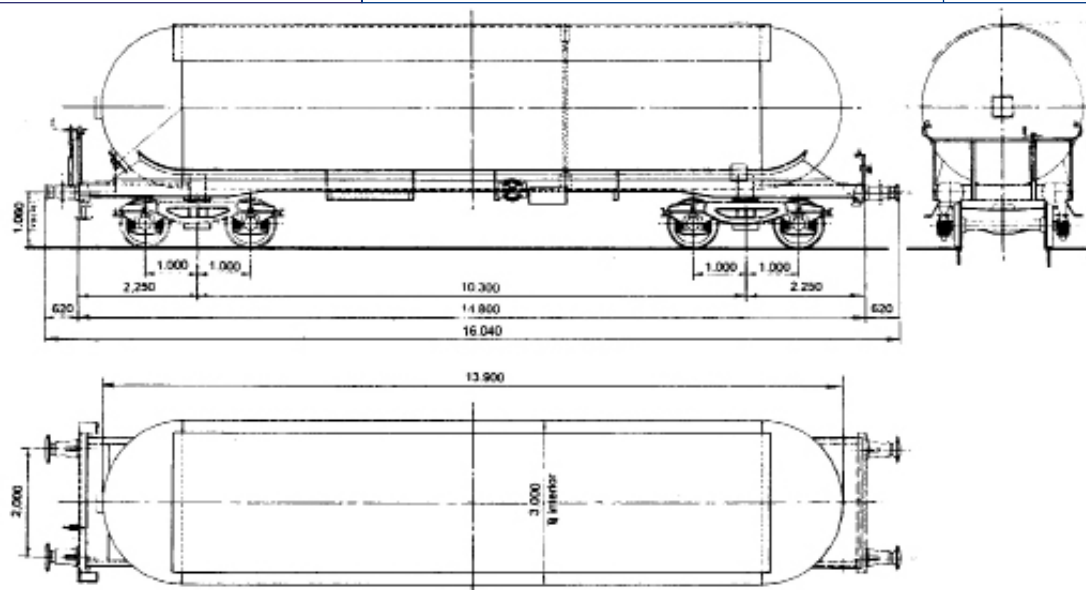
Zagkks 83 71 791 2 013-9 al 015-4 y el 018-8

TECHNICAL SPECIFICATIONS

Tare: 31.500 kg	Tank diameter: 3,000 m
Payload: 48.500 kg	Maximum height: 4,240 m
Maximum speed: 100 km/h	Heated: No
Axle code: P9220B	Load door dimensions:
Length over buffers: 16,040 m	RID / N° ONU: 2 / 1005
Wheel-base: 10,300 m	
Loading volume: 91,1 m³	
Tank length: 13,900 m	

	A	B	C
S	32,5 t	40,5 t	48,5 t

Quantity: 4



BULK TANK WAGON 55M³

NOM. 54

UACS



Peninsular Traffic

Wagon numbers:

Uacs 83 71 930 5 001-5, 003-1, 007-2, 008-0, 010-6, 011-4, 014-8, 016-3, del 018-9 al 029-6, 306-8, 310-0, 311-8, 323-3, 326-6, 332-4, 001-5, 003-1, 007-2, 008-0, 010-6, 011-4, 014-8, 016-3

TECHNICAL SPECIFICATIONS

Tare: 21.000 kg

Load door dimensions: 0,400 m

Payload: 59,0 t

Loading volume: 55 m³

Maximum speed: 100 km/h

Axle code: N9220B

Length over buffers: 14,060 m

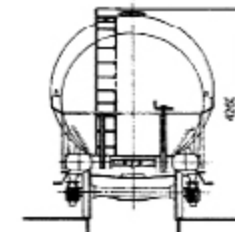
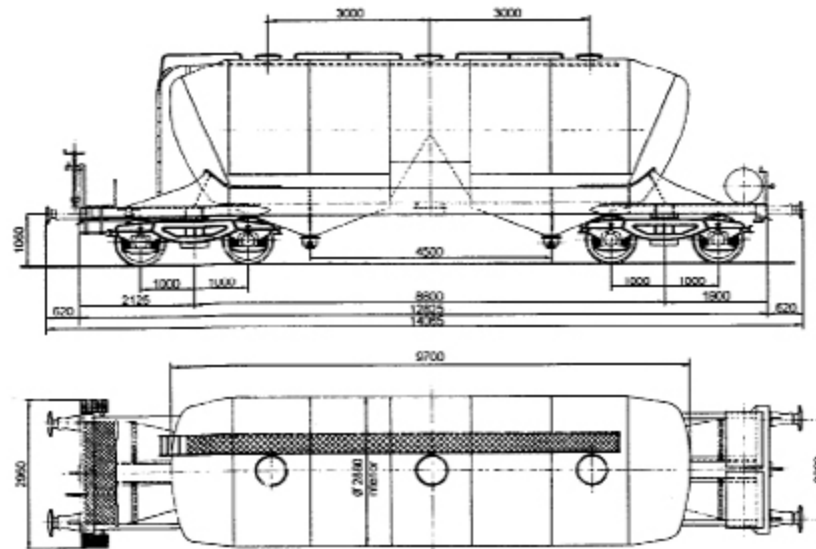
Wheel-base: 8,800 m

Tank length: 9,700 m

Maximum height: 4,260 m

	A	B1	B2	C
S	43 t	49,3 t	51 t	59 t

Quantity: 26



BULK TANK WAGON 55M³

NOM. 54A

UACS



**Peninsular
Traffic**

Wagon numbers:

Uacs 83 71 930 5 036-1 al 054-4, 056-9 al 065-0
337-3 al 350-6, 352-2 al 362-1

TECHNICAL SPECIFICATIONS

Tare: 20.300 kg

Load door dimensions: 0,400 m

Payload: 59,7 t

Loading volume: 55 m³

Maximum speed: 100 km/h

Axle code: N9220B

Length over buffers: 14,060 m

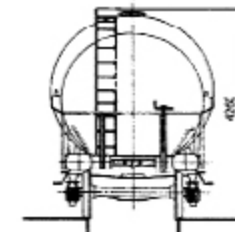
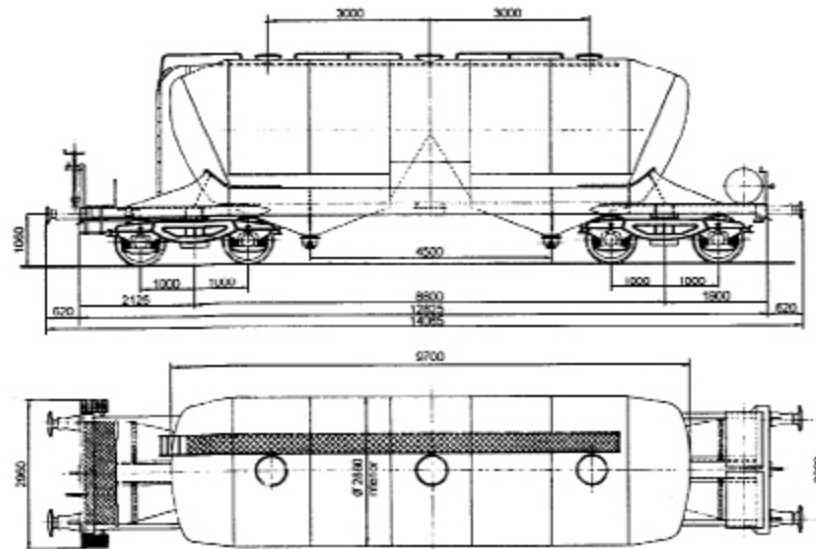
Wheel-base: 8,800 m


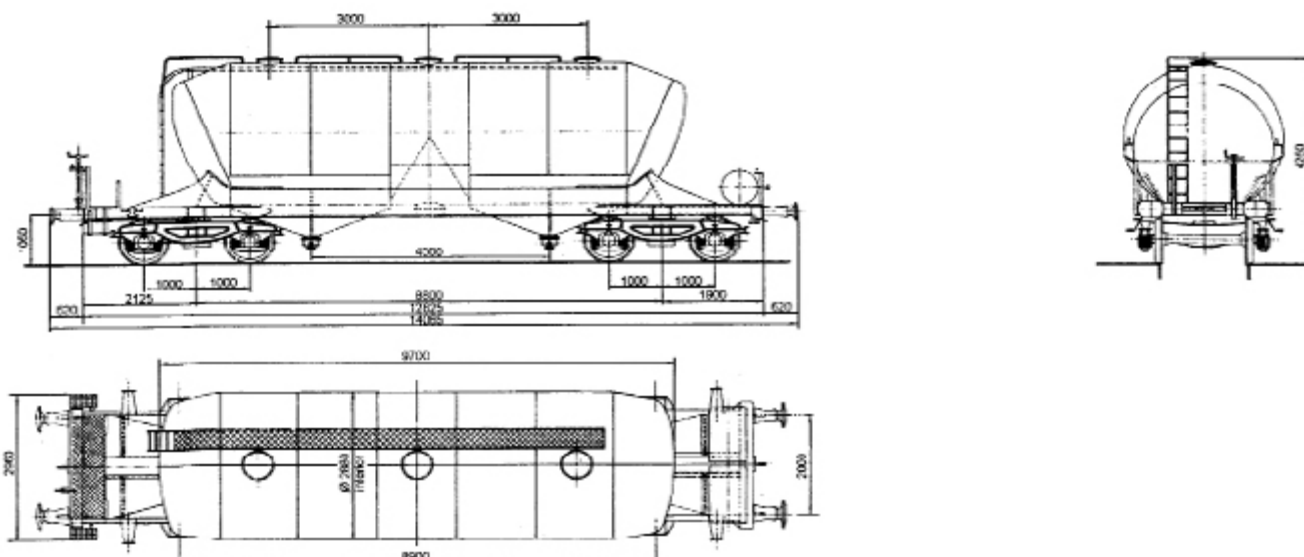
Tank length: 9,700 m

Maximum height: 4,260 m

	A	B1	B2	C
S	47,7 t	50 t	51,7 t	59,7 t

Quantity: 54



BULK TANK WAGON 55M³		NOM. 54C	UACS										
	Peninsular Traffic	Wagon numbers: Uacs 83 71 930 5 067-6 al 83 71 930 5 070-4, 83 71 930 5 074-2, 076-7, 078-3, 082-5, 083-3, 085-8, 086-6, 087-4, 090-8 al 093-2, 095-7 al 098-1, 100-5 al 102-1, 130-2, 133-6 al 135-1, 137-7, 139-3, 140-1											
	TECHNICAL SPECIFICATIONS												
	Tare: 20.300 kg		Load door dimensions: 0,400 m										
Payload: 59,7 t		Loading volume: 55 m ³											
Maximum speed: 100 km/h													
Axle code: N9220B													
Length over buffers: 14,065 m													
Wheel-base: 8,800 m													
Tank length: 9,700 m													
Maximum height: 4,260 m													
<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B1</th> <th>B2</th> <th>C</th> </tr> </thead> <tbody> <tr> <th>S</th> <td>43,7 t</td> <td>50,0 t</td> <td>51,7 t</td> <td>59,7 t</td> </tr> </tbody> </table>			A	B1	B2	C	S	43,7 t	50,0 t	51,7 t	59,7 t	Quantity: 30	
	A	B1	B2	C									
S	43,7 t	50,0 t	51,7 t	59,7 t									
													

BULK TANK WAGON 55M³

NOM. 54D

UACS



Peninsular Traffic

Wagon numbers:

Uacs 83 71 930 5 151-8 al 163-3 y el 165-8

TECHNICAL SPECIFICATIONS

Tare: 20.100 kg

Load door dimensions: 0,450 m

Payload: 59,9 t

Loading volume: 55 m³

Maximum speed: 100 km/h

Axle code: N9220B

Length over buffers: 14,065 m

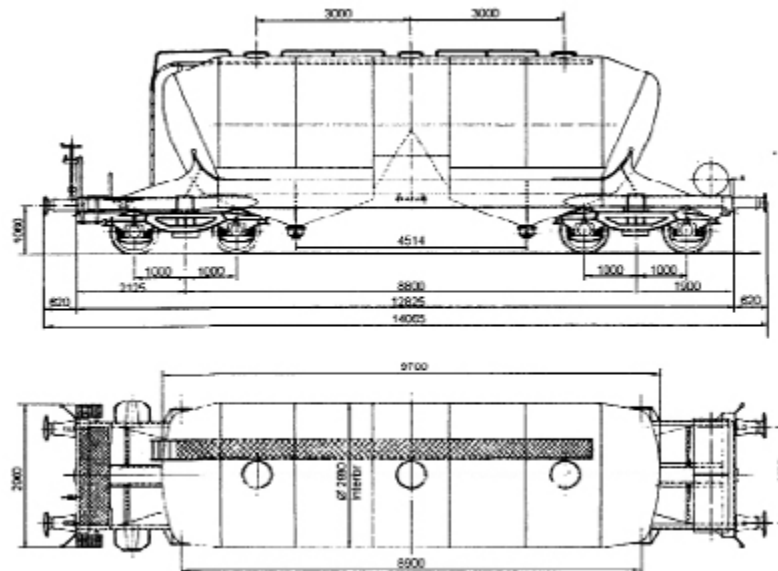
Wheel-base: 8,800 m

Tank length: 9,700 m

Maximum height: 4,250 m

	A	B1	B2	C
S	43,9 t	50,2 t	51,9 t	59,9 t

Quantity: 13



BULK TANK WAGON 55M³

NOM. 54E

UACS



**Peninsular
Traffic**

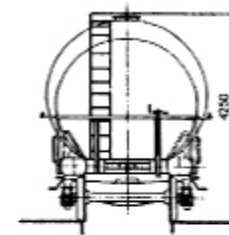
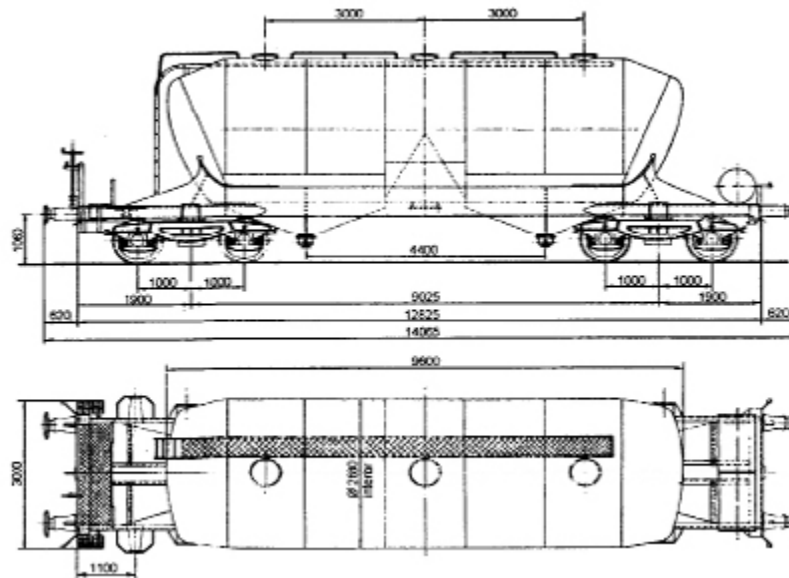
Wagon numbers:
Uacs 83 71 930 5 191-4 al 205-2

TECHNICAL SPECIFICATIONS

Tare: 20.200 kg	Load door dimensions: 0,450 m
Payload: 59,8 t	Loading volume: 55 m ³
Maximum speed: 100 km/h	
Axle code: N9220B	
Length over buffers: 14,065 m	
Wheel-base: 9,025 m	
Tank length: 9,600 m	
Maximum height: 4,250 m	

	A	B1	B2	C
S	43,8 t	50,1 t	51,8 t	59,8 t

Quantity: 14



BULK TANK WAGON 55M³

NOM. 54F

UACS



**Peninsular
Traffic**

Wagon numbers:

Uacs 83 71 930 5 108-8, 110-4 al 118-7
120-3 al 129-4

TECHNICAL SPECIFICATIONS

Tare: 20.500 kg

Load door dimensions: 0,450 m

Payload: 59,5 t

Loading volume: 55 m³

Maximum speed: 100 km/h

Axle code: N9220B

Length over buffers: 14,065 m

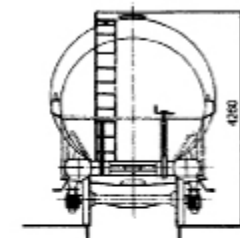
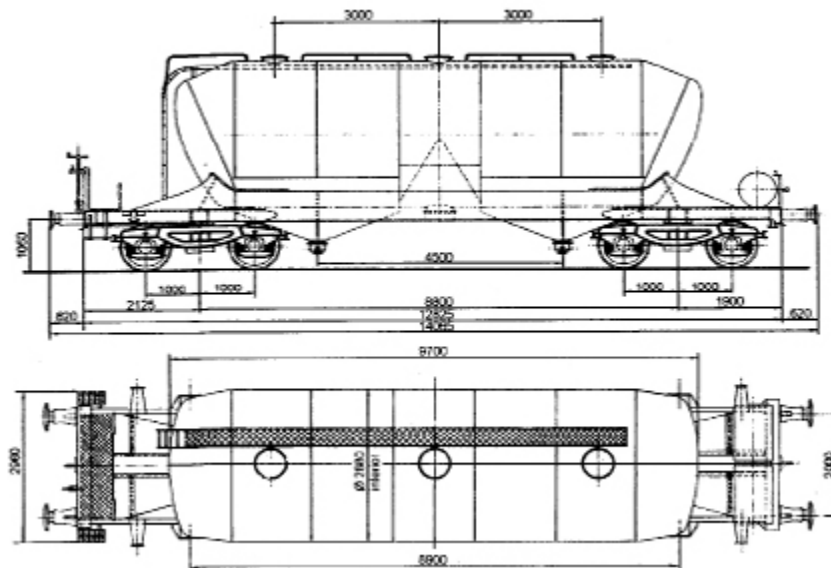
Wheel-base: 8,800 m

Tank length: 9,700 m

Maximum height: 4,260 m

	A	B1	B2	C
S	43,5 t	49,8 t	51,5 t	59,5 t

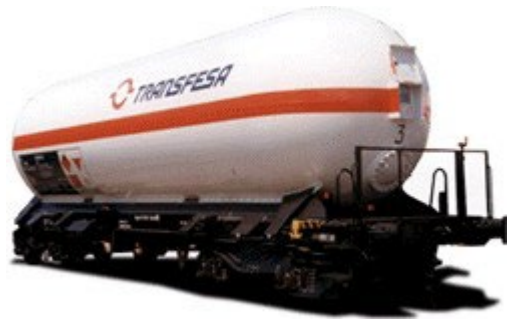
Quantity: 19



ACRYLONITRILE TANK WAGON

NOM. 64

ZACS



Peninsular Traffic

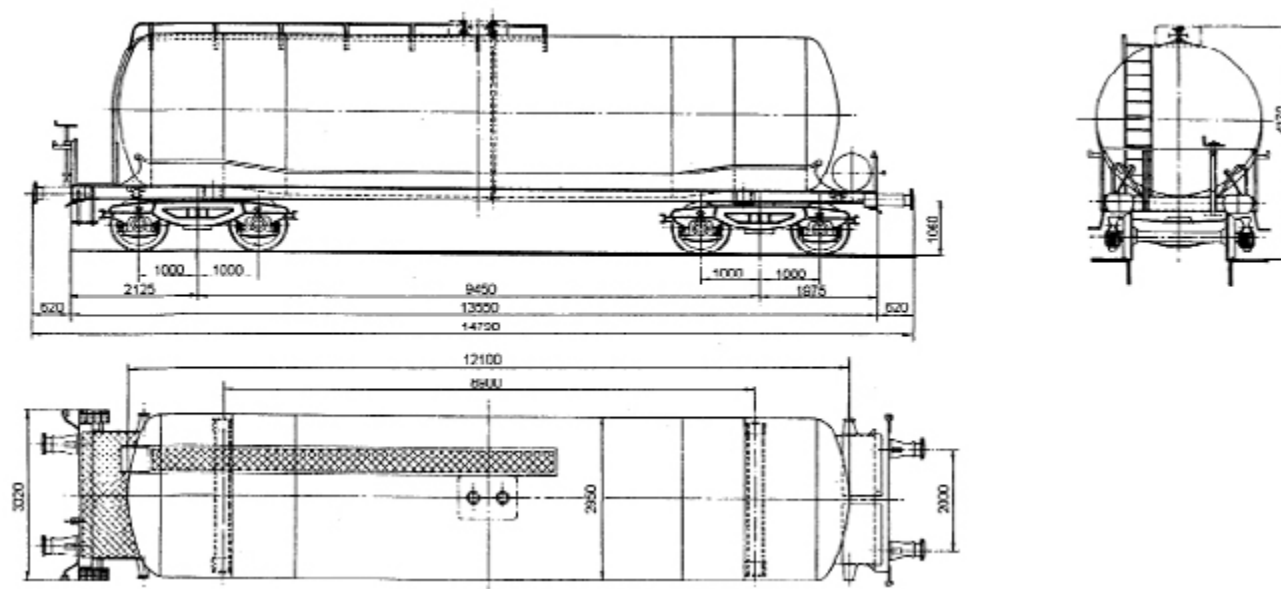
Wagon numbers:
Zacs 83 71 786 5 010-2 al 021-9


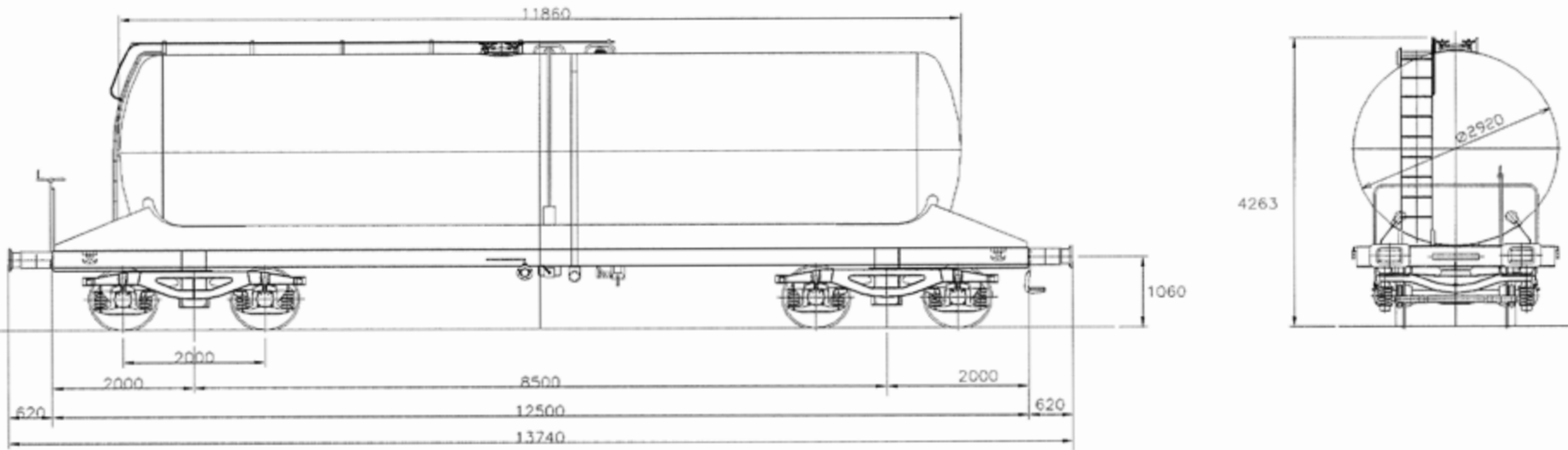
TECHNICAL SPECIFICATIONS


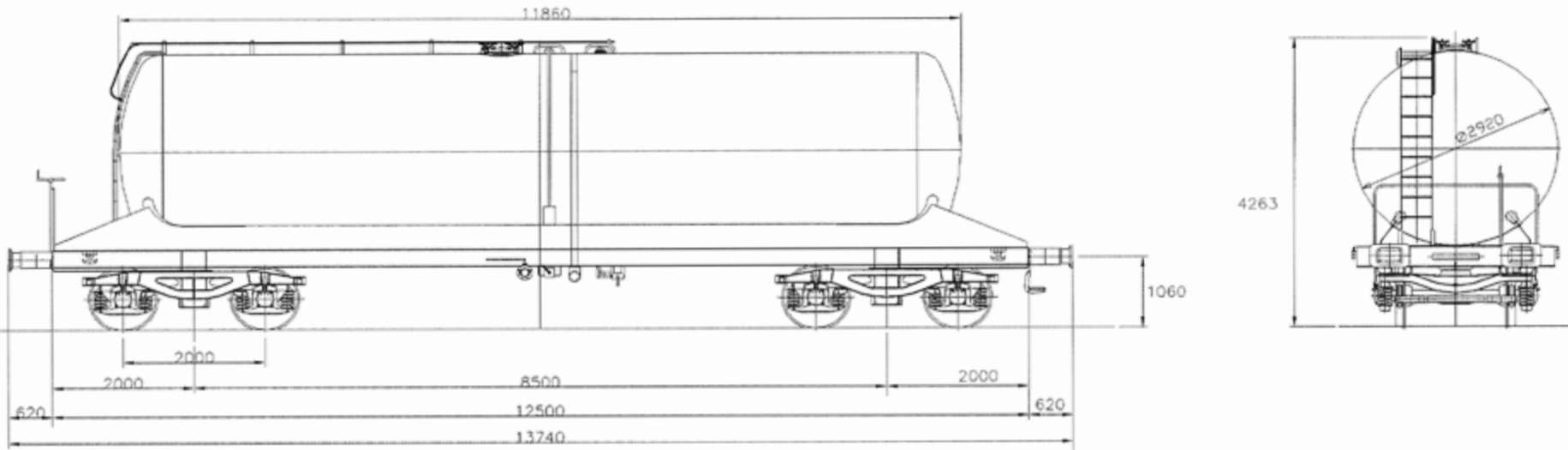
Tare: 21.300 kg	Tank diameter: 2,95 y 3,02 m
Payload: 58,7 t	Maximum height: 4,270 m
Maximum speed: 100 km/h	Heated: No
Axle code: N9220B	Load door dimensions:
Length over buffers: 14,790 m	RID / N° ONU: 3 / 1093
Wheel-base: 9,450 m	
Loading volume: 76 m ³	
Tank length: 12,100 m	


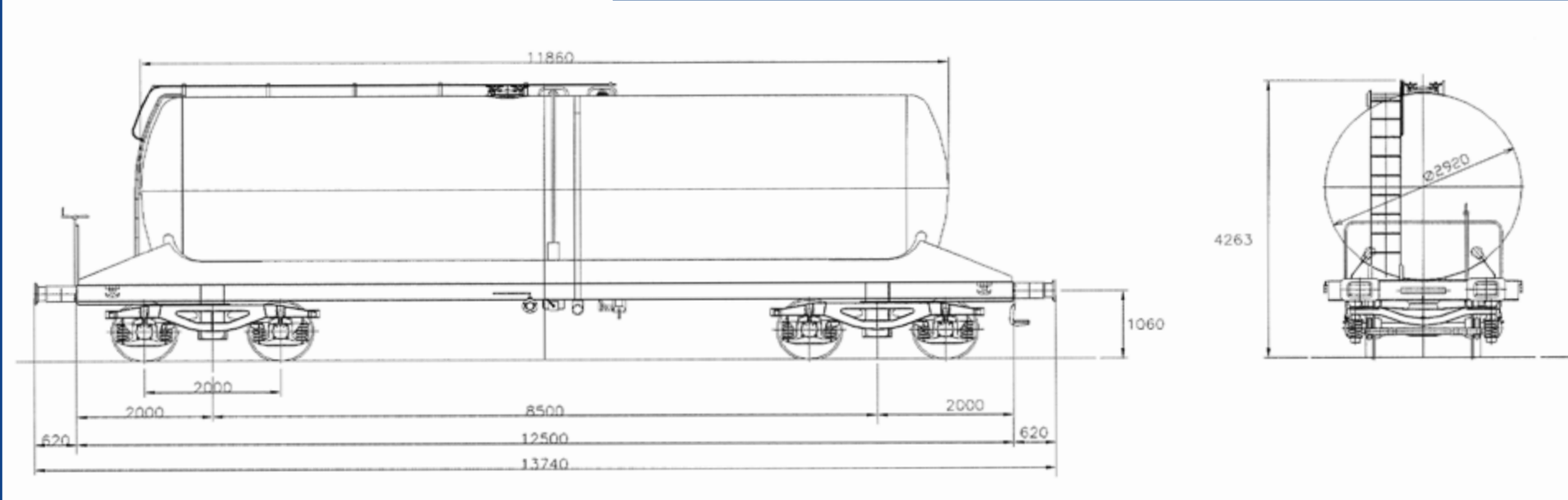
	A	B	C
S	42,7 t	50,7 t	58,7 t


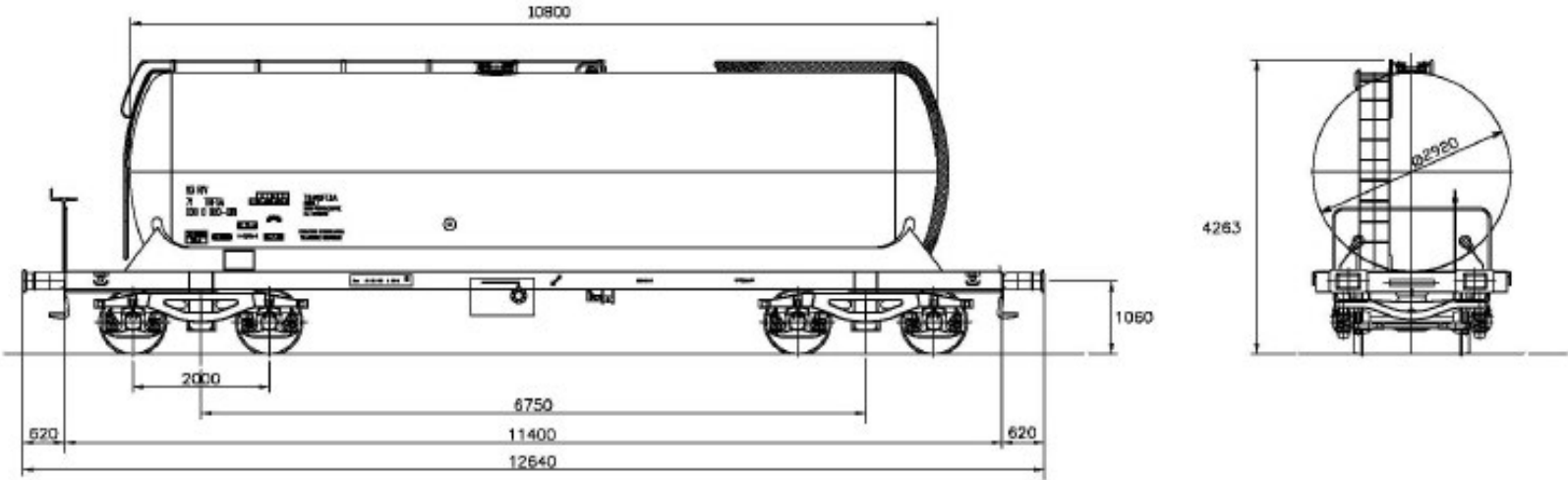
Quantity: 12



FUEL TANK WAGON		NOM. 152	ZAES							
	Peninsular Traffic	Wagon numbers: Zaes 83 71 788 1 801-4 al 803-0								
		TECHNICAL SPECIFICATIONS								
		Tare: 22.000 kg	Tank diameter: 2,920 m							
		Payload: 58,0 t	Maximum height: 4,263 m							
		Maximum speed: 100 km/h	Heated: No							
Axle code: N9220B	Load door dimensions:									
Length over buffers: 13,740 m										
Wheel-base: 8,500 m										
Loading volume: 64 m ³										
Tank length: 11,860 m										
	<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>42 t</td> <td>50 t</td> <td>58 t</td> </tr> </table>		A	B	C	S	42 t	50 t	58 t	Quantity: 1
	A	B	C							
S	42 t	50 t	58 t							
										

FUEL TANK WAGON		NOM. 152A	ZAES							
	Peninsular Traffic	Wagon numbers: Zaes 83 71 788 1 807-1, 816-2, 819-6, 820-4 y del 822-0 al 826-1								
		TECHNICAL SPECIFICATIONS								
		Tare: 23.000 kg	Tank diameter: 2,920 m							
		Payload: 57,0 t	Maximum height: 4,263 m							
		Maximum speed: 100 km/h	Heated: Sí							
Axle code: N9220B	Load door dimensions:									
Length over buffers: 13,740 m	RID / N° ONU: -/-									
Wheel-base: 8,500 m										
Loading volume: 64 m ³										
Tank length: 11,860 m										
	<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>41 t</td> <td>49 t</td> <td>57 t</td> </tr> </table>		A	B	C	S	41 t	49 t	57 t	Quantity: 5
	A	B	C							
S	41 t	49 t	57 t							
										

FUEL TANK WAGON	NOM. 152B	ZAES									
	Peninsular Traffic	Wagon numbers: Zaes 83 71 788 1 807-1, 816-2, 819-6, 820-4 y del 822-0 al 826-1									
		TECHNICAL SPECIFICATIONS									
		Tare: 23.000 kg Tank diameter: 2,920 m									
		Payload: 57,0 t Maximum height: 4,263 m									
		Maximum speed: 100 km/h Heated: Sí									
Axle code: N9220B Load door dimensions:											
Length over buffers: 13,740 m RID / N° ONU: -/-											
Wheel-base: 8,500 m											
Loading volume: 64 m ³											
Tank length: 11,860 m											
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> <td></td> </tr> <tr> <td>S</td> <td>41 t</td> <td>49 t</td> <td>57 t</td> <td>Quantity: 3</td> </tr> </table>			A	B	C		S	41 t	49 t	57 t	Quantity: 3
	A	B	C								
S	41 t	49 t	57 t	Quantity: 3							
											

FUEL TANK WAGON		NOM. 152D	ZAES							
	Peninsular Traffic	Wagon numbers: Zaes 83 71 788 1 804-8, 805-5, 806-3, del 808-9 al 815-4, 817-0,818-8, 821-2, 827-9, 828-7 y 830-3								
		TECHNICAL SPECIFICATIONS								
		Tare: 23.000 kg	Tank diameter: 2,920 m							
		Payload: 57,0 t	Maximum height: 4,263 m							
		Maximum speed: 100 km/h	Heated: Sí							
Axle code: P9220B	Load door dimensions:									
Length over buffers: 12,640 m	RID / N° ONU: -/-									
Wheel-base: 6,750 m										
Loading volume: 64 m ³										
Tank length: 10,800 m										
<table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>41 t</td> <td>49 t</td> <td>57 t</td> </tr> </table>		A	B	C	S	41 t	49 t	57 t		Quantity: 17
	A	B	C							
S	41 t	49 t	57 t							
										

BIODIESEL TANK WAGON

NOM. 154D

ZAS



Peninsular Traffic

Wagon numbers:

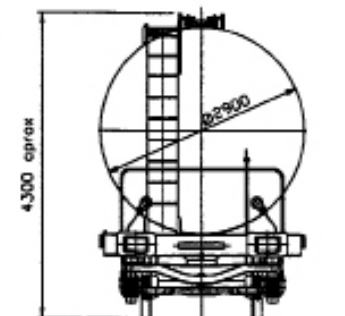
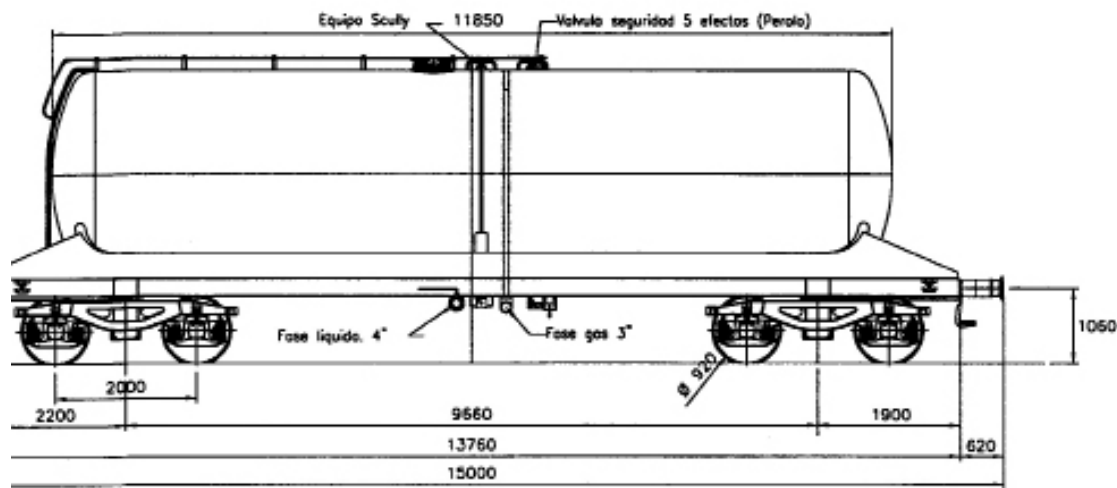
Zas 83 71 785 1 101-5 al 105-6, 107-2 al 110-6, 112-2, 113-0, 115-5 al 117-1, 119-7 al 122-1.

TECHNICAL SPECIFICATIONS

Tare: 22.000 kg	Tank diameter: 2,900 m
Payload: 58,0 t	Maximum height: 4,300 m
Maximum speed: 100 km/h	Heated: No
Axle code: N9220B	Load door dimensions:
Length over buffers: 15,000 m	RID / N° ONU: - / -
Wheel-base: 9,660 m	
Loading volume: 75 m ³	
Tank length: 11,850 m	

	A	B	C
S	42 t	50 t	58 t

Quantity: 20



BULK TANK WAGON

NOM. 158

UACS



Peninsular Traffic

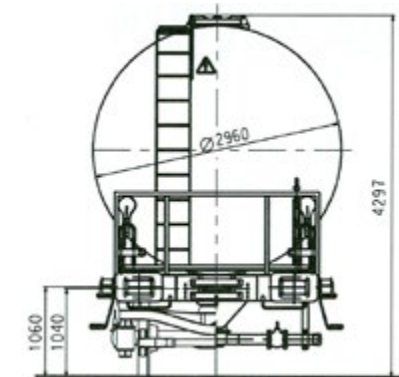
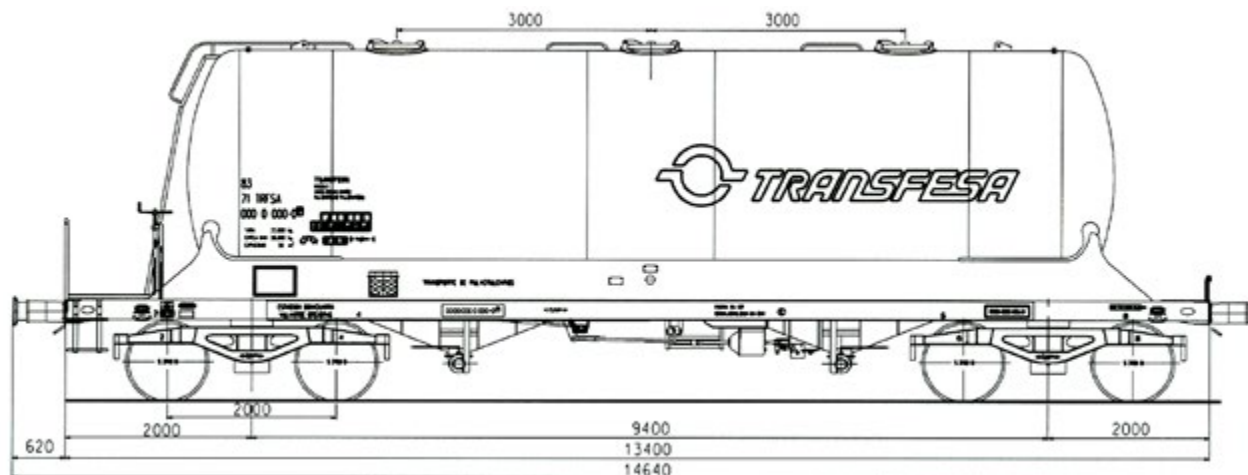
Wagon numbers:
Uacs 83 71 930 7 100-3 al 121-9


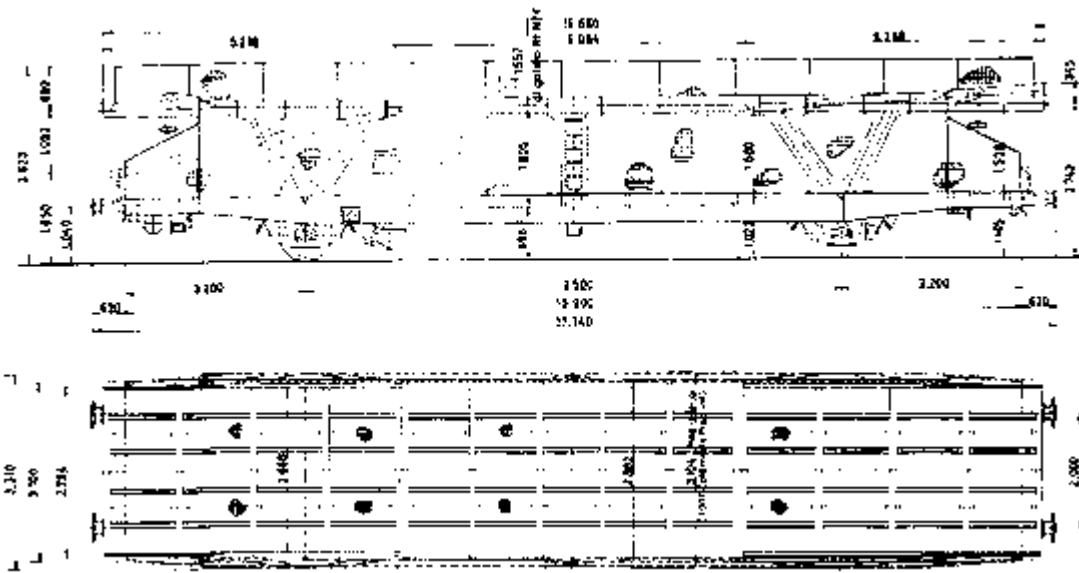
TECHNICAL SPECIFICATIONS


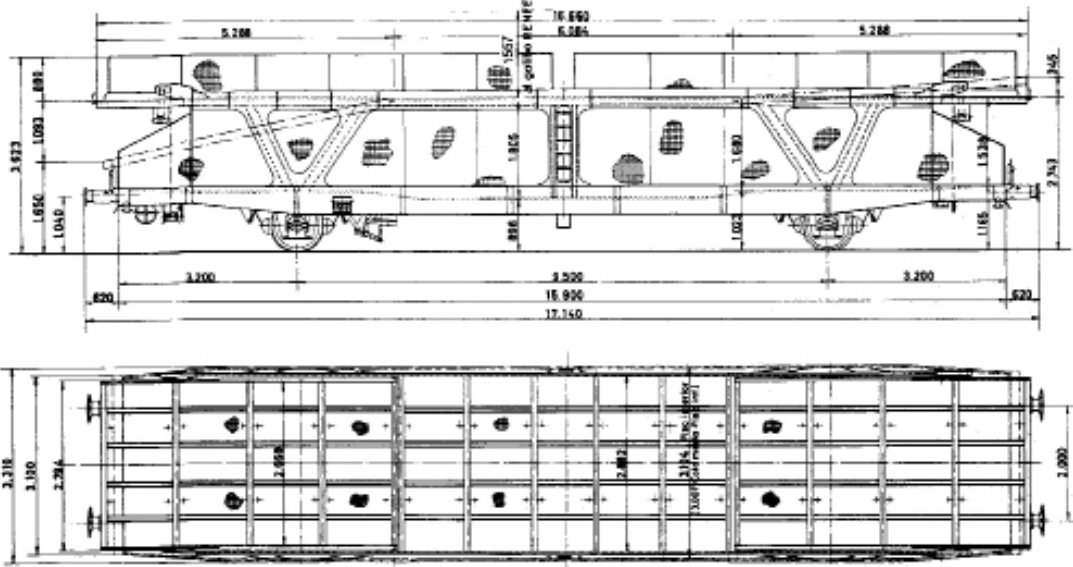
Tare: 22.000 kg	Tank diameter: 2,960 m
Payload: 58,0 t	Maximum height: 4,297 m
Maximum speed: 100 km/h	Heated: No
Axle code: N9220B	Load door dimensions: -
Length over buffers: 14,640 m	
Wheel-base: 9,400 m	
Loading volume: 58 m ³	
Tank length: -	

	A	B	C
S	42,0 t	50,0 t	58,0 t

Quantity: 20



CAR-CARRIER 2 DECKS 17M		NOM. 20A	LEKS								
	Peninsular Traffic	Wagon numbers: Leks 43 71 417 9 500-9 al 658-5 (SEMAT)									
	TECHNICAL SPECIFICATIONS										
	Tare: 17,000 kg	Loading length of lower deck: 26,610 m									
	Payload: 14,0 t	Maximum car height:*									
	Maximum speed: 100 km/h	<ul style="list-style-type: none"> • Upper deck: 1.557 mm • Lower deck: 1.630 mm 									
Axle code: S90200	Length over buffers: 17,140 m										
Wheel-base: 9,500 m	Height from lower deck to rail: 0,898÷1,165 m										
Height from lower deck to rail: 0,898÷1,165 m	Loading length of upper deck: 16,660 m										
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td colspan="3">14,0 t</td> </tr> </table>			A	B	C	S	14,0 t			*Reference height which will be dependent on the individual characteristics of each car.	Quantity: 153
	A	B	C								
S	14,0 t										
											

CAR-CARRIER 2 DECKS 17M		NOM. 24A	LEKS									
	Peninsular Traffic	Wagon numbers: Leks 43 71 417 9 700-5 al 871-4 (SEMAT)										
	TECHNICAL SPECIFICATIONS											
	Tare: 17.000 kg		Loading length of lower deck: 16,180 m									
	Payload: 19,0 t		Maximum car height:*									
	Maximum speed: 100 km/h		<ul style="list-style-type: none"> • Upper deck: 1.557 mm • Lower deck: 1.630 mm 									
	Axle code: P90200											
Length over buffers: 17,140 m		Wheel-base: 9,500 m										
Height from lower deck to rail: 0,898÷1,165 m		Loading length of upper deck: 16,660 m										
<table border="1" style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">S</td> <td style="text-align: center;">15,0 t</td> <td colspan="2" style="text-align: center;">19,0 t</td> </tr> </table>			A	B	C	S	15,0 t	19,0 t		*Reference height which will be dependent on the individual characteristics of each car.		Quantity: 169
	A	B	C									
S	15,0 t	19,0 t										
												

CAR-CARRIER 2 DECKS 26,5M

NOM. 62A

LAEKS



Peninsular Traffic

Wagon numbers:
Zagks 34 71 791 2 033-7 al 038-6

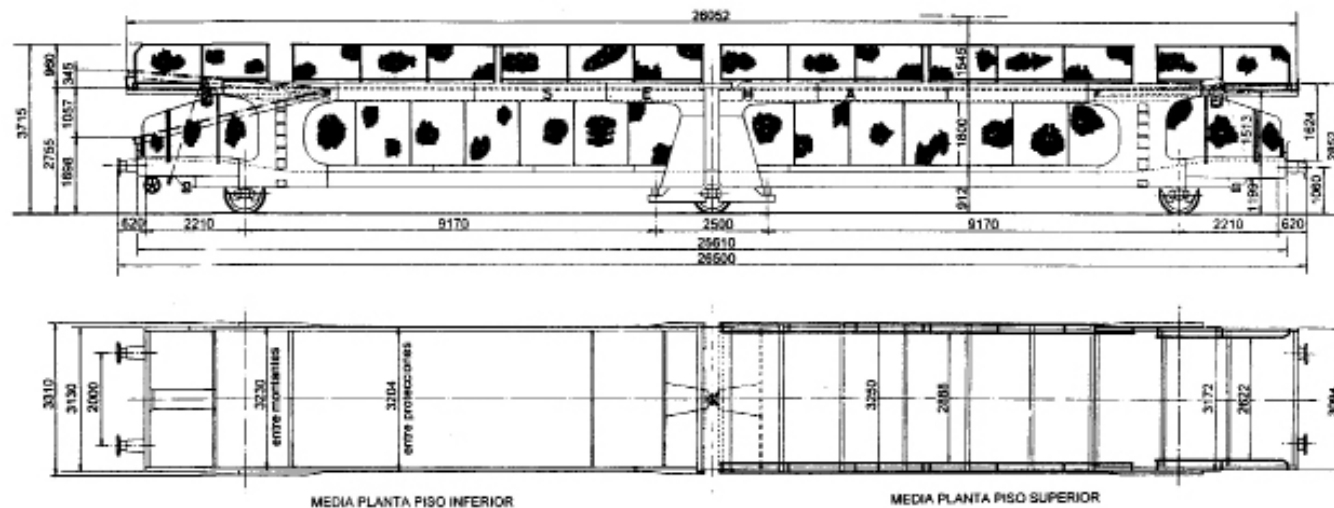
TECHNICAL SPECIFICATIONS

Tare: 26.500 kg	Loading length of lower deck: 25,610 m
Payload: 19,5 t	Maximum car height:*
Maximum speed: 100 km/h	• Upper deck: 1.605 mm
Axle code: N90200	• Lower deck: 1.650 mm
Length over buffers: 26,500 m	
Wheel-base: 9,170 m	
Height from lower deck to rail: 0,912÷1,199 m	
Loading length of upper deck: 26,052 m	

	A	B	C
S	19,5 t		

*Reference height which will be dependent on the individual characteristics of each car.

Quantity: 74



CAR-CARRIER 1 DECKS 26,5M

NOM. 65

LADKS



Peninsular Traffic

Wagon numbers:

Ladks 43 71 421 9 000-2 al 073-9 (SEMAT)

TECHNICAL SPECIFICATIONS

Tare: 20.200 kg

Maximum car height: 3.383 mm

Payload: 15,5 t

Maximum speed: 100 km/h

Axle code: N90200

Length over buffers: 26,500 m

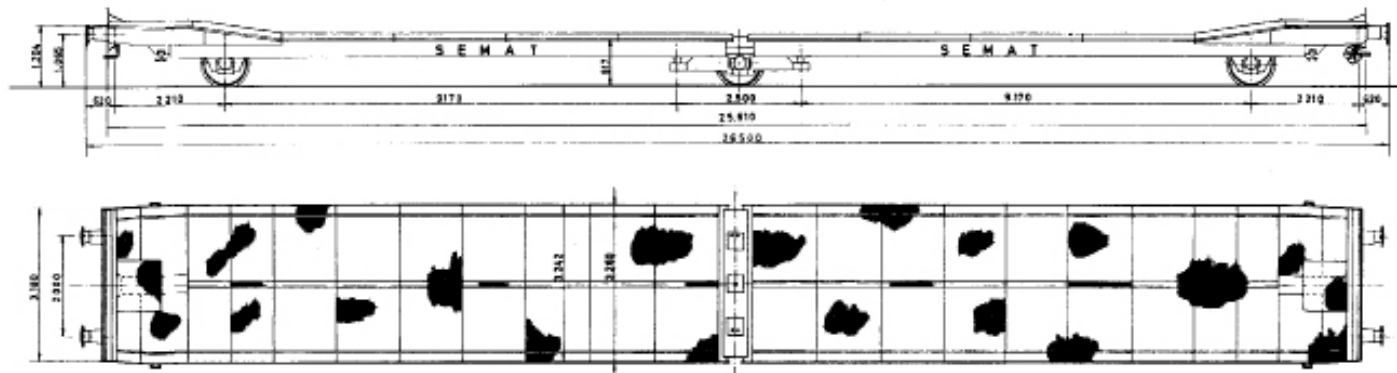
Wheel-base: 9,170 m

Height from lower deck to rail: 0,917÷1,204 m

Loading length: 25,610 m

	A	B	C
S	15,5 t		

Quantity: 74



CAR-CARRIER 2 DECKS 31M

NOM. 111

LAAEKS



Peninsular Traffic

Wagon numbers:

Laaeks 43 71 436 7 100-0 al 148-9 (SEMAT)

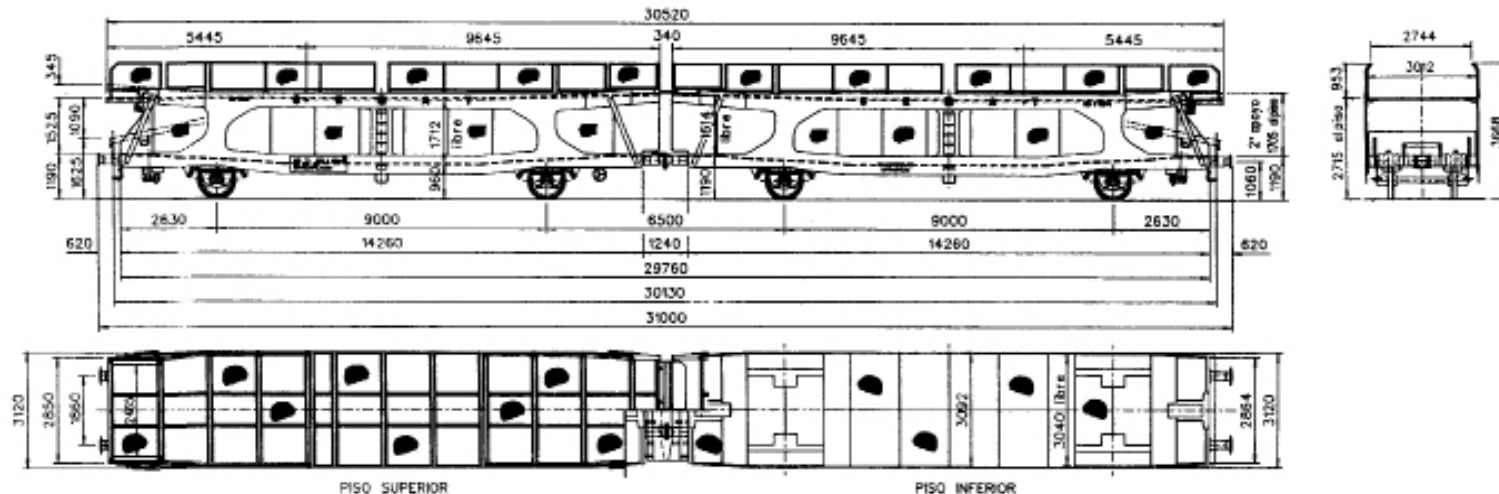
TECHNICAL SPECIFICATIONS

Tare: 34.800 kg	Loading length of lower deck: 30,130 m
Payload: 27,0 t	Maximum car height:*
Maximum speed: 100 km/h	• Upper deck: 1.453 mm
Axle code: N00200	• Lower deck: 1.570 mm
Length over buffers: 31,000 m	
Wheel-base: 9,000 m	
Height from lower deck to rail: 1,19÷0,96 m	
Loading length of upper deck: 30,520 m	

	A	B	C
S	27,0 t		

*Reference height which will be dependent on the individual characteristics of each car.

Quantity: 44



COVERED HOPPER WAGON 72M³

NOM. 52

TAOOS



**Peninsular
Traffic**

Wagon numbers:

Taos 83 71 569 2 000-6 al 83 71 569 2 004-8

TECHNICAL SPECIFICATIONS

Tare: 23.900 kg

Maximum height: 4,250 m

Payload: 56,1 t

Load door dimensions: 9,532x1,4 m

Maximum speed: 100 km/h

Unloading door dimensions: 5x1,55x0,660 m

Axle code: N9220B

Length over buffers: 17,140 m

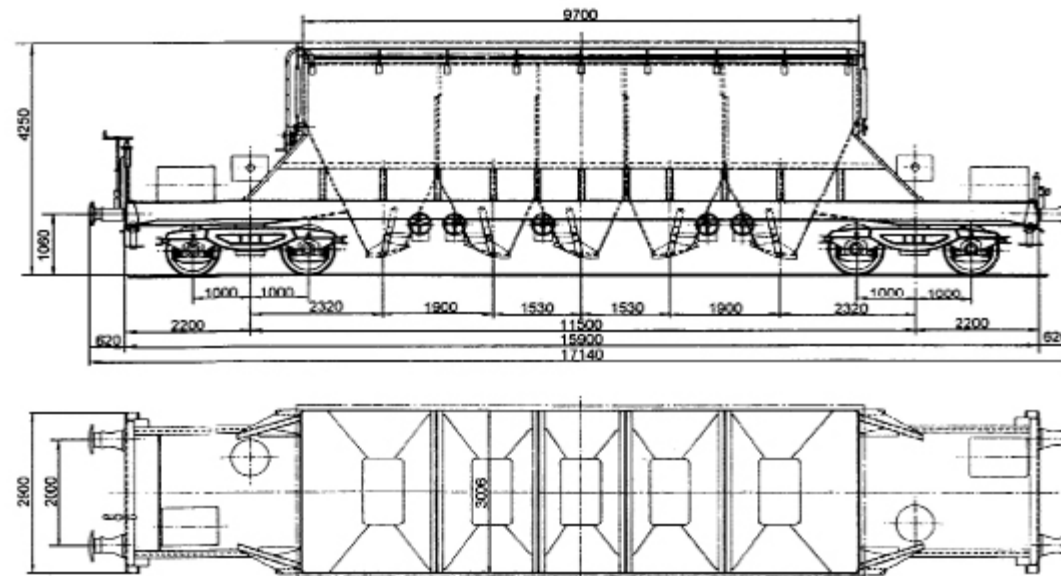
Wheel-base: 11,500 m

Loading volume: 72 m³

Tank length: 9,700 m

	A	B	C
S	40,1 t	48,1 t	56,1 t

Quantity: 4



COVERED HOPPER WAGON 65M³

NOM. 61

TAOOS



Peninsular Traffic

Wagon numbers:

Taos 83 71 569 2 005-5 al 019-6 y 084-0

TECHNICAL SPECIFICATIONS

Tare: 22.500 kg

Maximum height: 4,250 m

Payload: 57,5 t

Load door dimensions: 9,1x1,1 m

Maximum speed: 100 km/h

Unloading door dimensions: 4x0,7x1,36 m

Axle code: N9220B

Length over buffers: 16,440 m

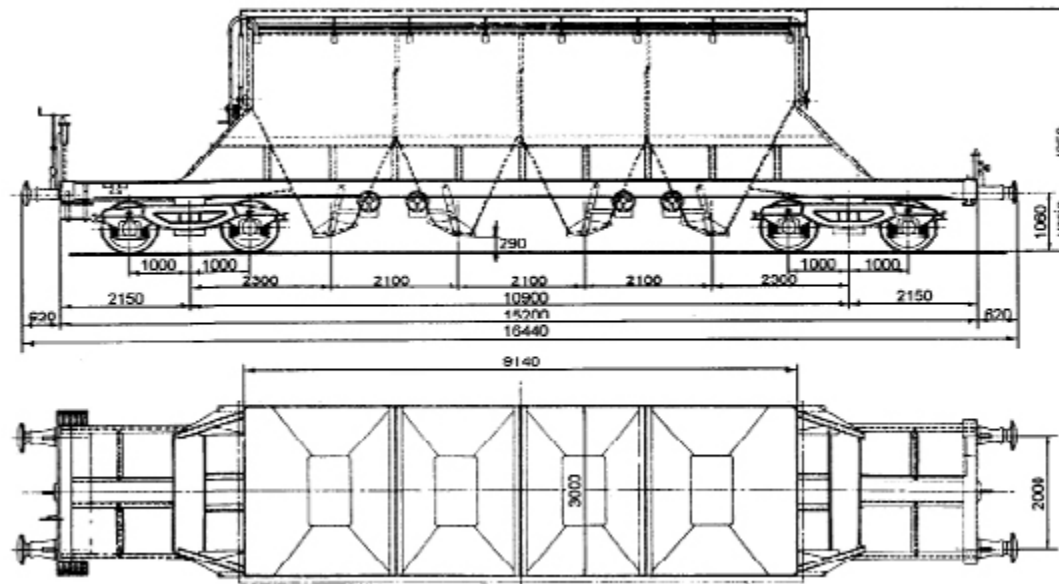
Wheel-base: 10,900 m

Loading volume: 65 m³

Tank length: 9,140 m

	A	B	C
S	41,5 t	49,5 t	57,5 t

Quantity: 7



COVERED BULK HOPPER WAGON

NOM. 61C

TAOOS



Peninsular Traffic

Wagon numbers:

Taos 83 71 569 2 055-0, del 057-6 al 064-2 y del 066-7 al 074-1

TECHNICAL SPECIFICATIONS

Tare: 23.000 ó 21.100 kg*

Maximum height: -

Payload: 57,0 ó 58,9 t*

Load door dimensions: 9,1x1,100 m

Maximum speed: 100 km/h

Unloading door dimensions: 4x1,36x0,7 m

Axle code: N9220B

Length over buffers: 16,140 m

Wheel-base: 10,900 m

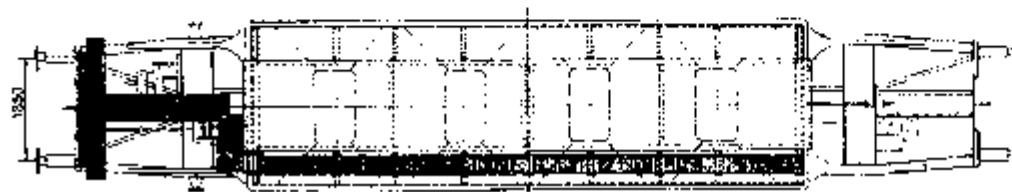
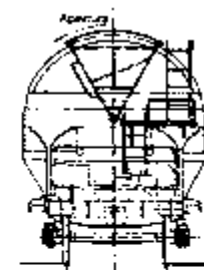
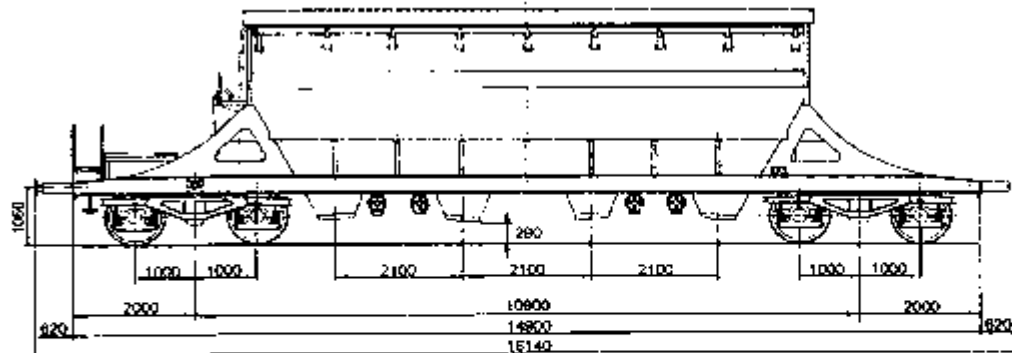
Loading volume: 65 y 47 m³*

Tank length: 9,042 m

	A	B	C
S	41 t	49 t	57 t

*Wagons from 060-0 to 063-4 and 070-9 to 074-1 have 47m³ and the rest 65m³

Quantity: 13



SAND HOPPER WAGON 45 M³

NOM. 61F

FAOOS



Peninsular Traffic

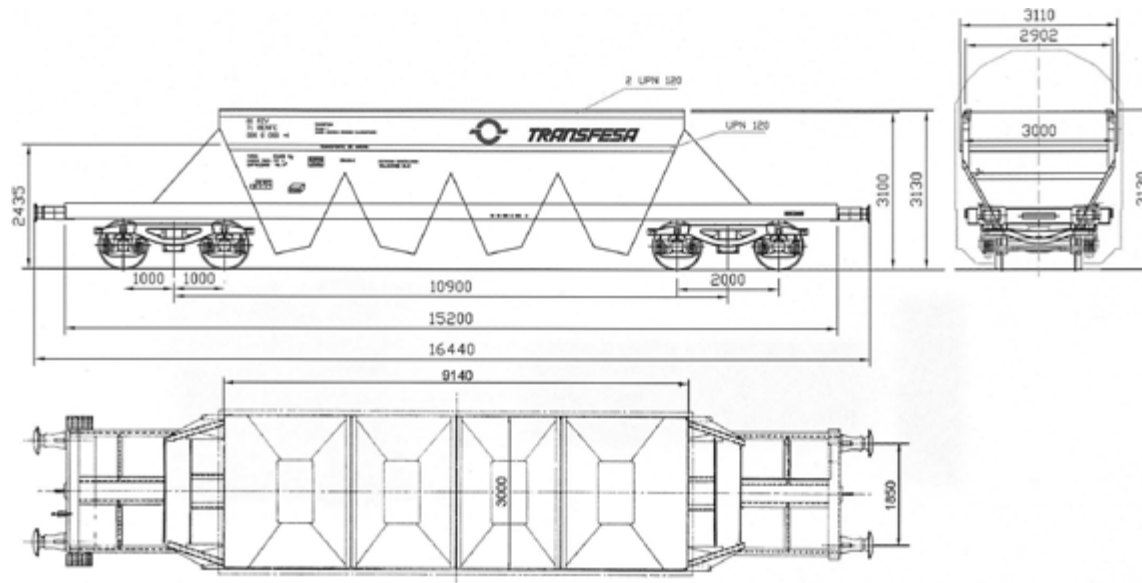
Wagon numbers:
Faos 83 71 662 5 025-3 al 031-1


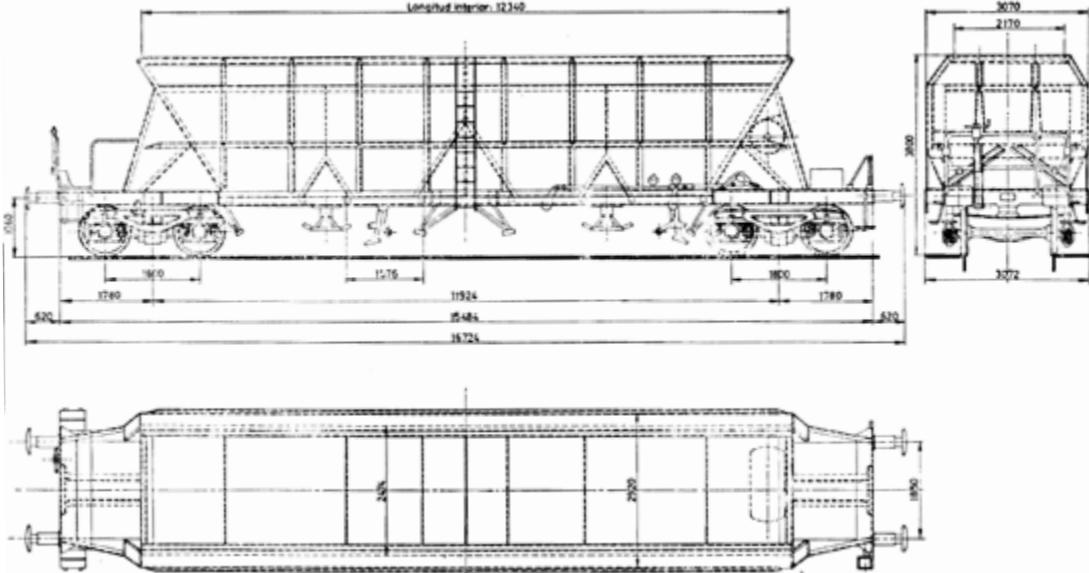
TECHNICAL SPECIFICATIONS


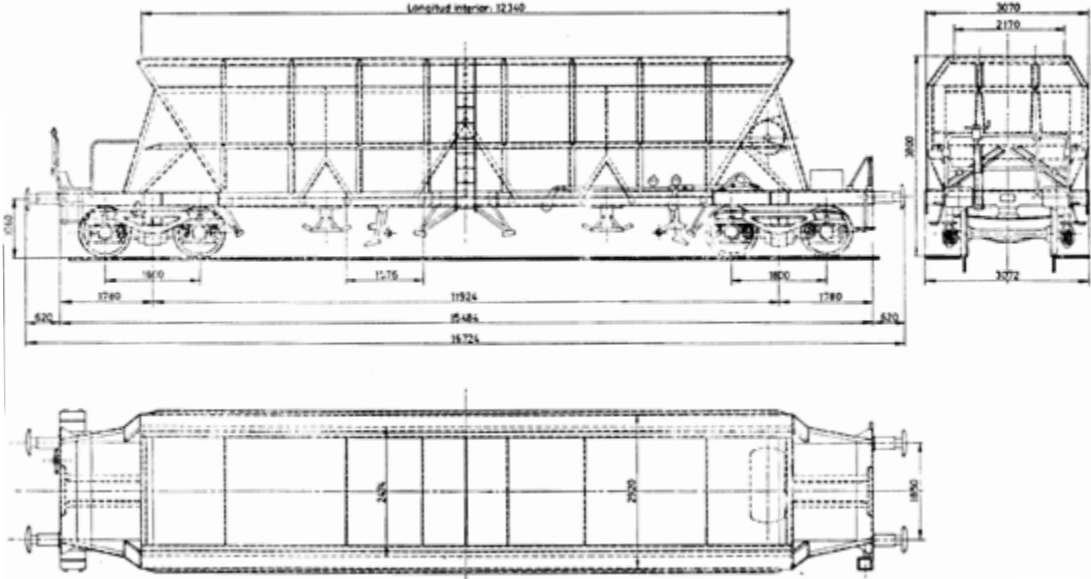
Tare: 23.000 kg	Maximum height: 3,130 m
Payload: 57,0 t	Load door dimensions: 9,14 x 2,9
Maximum speed: 100 km/h	Unloading door dimensions: 1,280 x 0,6 m
Axle code: N9220B	
Length over buffers: 16,440 m	
Wheel-base: 10,900 m	
Loading volume: 45 m ³	
Hopper length: 9,140 m	


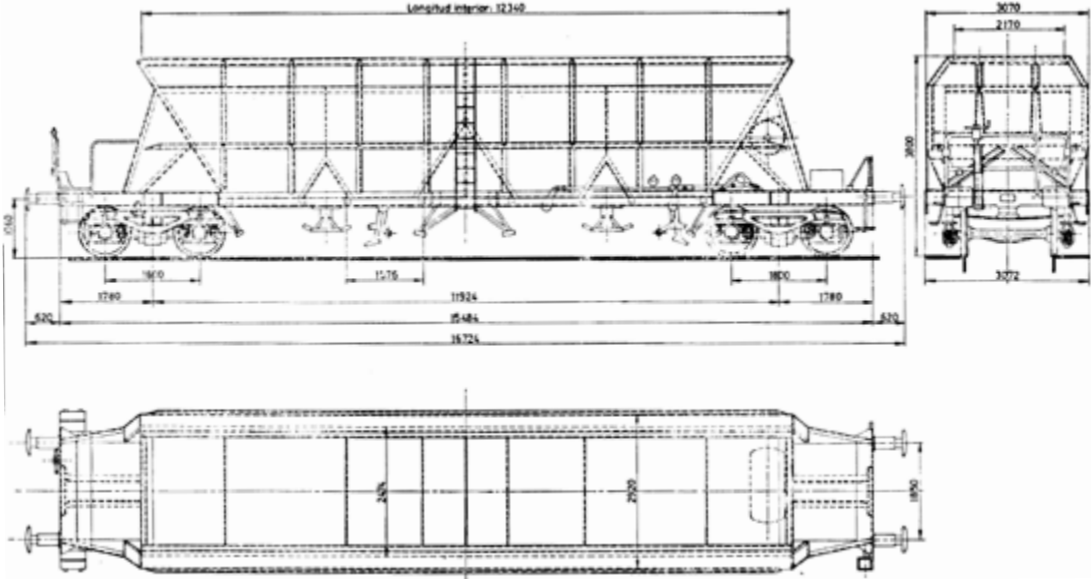
	A	B	C
S	41 t	49 t	57 t


Quantity: 7



COAL HOPPER WAGON		NOM. 90	FAOOS												
	International Traffic	Wagon numbers: Faoos 83 71 662 6 042-7, 043-5, 045-0, 053-4 * Faoos 83 71 662 6 065-8, 067-4, 068-2, 069-0, 070-8 y 079-9 **													
	TECHNICAL SPECIFICATIONS														
	Tare: 22.500 ó 22.250 ¹ kg		Maximum height: 3,800 m												
	Payload: 57,5 ó 57,7 t		Load door dimensions: 12,3x2,17 m												
	Maximum speed: 100 km/h		Unloading door dimensions: 4x2,474x1,576 m												
	Axle code: N9220B ó U9220B														
Length over buffers: 16,724 m															
Wheel-base: 11,924 m															
Loading volume: 75,5 m ³															
Hopper length: 12,340 m															
<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>41,5 t</td> <td>49,5 t</td> <td>57,5 t</td> </tr> <tr> <td>S¹</td> <td>41,7 t</td> <td>49,7 t</td> <td>57,7 t</td> </tr> </tbody> </table>			A	B	C	S	41,5 t	49,5 t	57,5 t	S ¹	41,7 t	49,7 t	57,7 t	*With platform operated handbrake ** No platform operated handbrake ¹	Quantity: 10
	A	B	C												
S	41,5 t	49,5 t	57,5 t												
S ¹	41,7 t	49,7 t	57,7 t												
															

SAND HOPPER WAGON		NOM. 90A	FAOOS												
	International Traffic	Wagon numbers:													
		Faoss 83 71 662 6 022-9 al 031-0, 033-6, 034-4, 035-1, 037-7, 038-5, 039-3, 059-1, 062-5,	063-3, 066-6, 071-6, 073-2, 074-0 y 076-5 * 046-8, 047-6, 048-4, 049-2, 050-0 y 052-6 **												
	TECHNICAL SPECIFICATIONS														
	Tare: 22.500 ó 22.250 ¹ kg		Maximum height: 3,800 m												
	Payload: 57,5 ó 57,7 t		Load door dimensions: 12,3x2,17 m												
	Maximum speed: 100 km/h		Unloading door dimensions: 4x2,474x1,576 m												
	Axle code: N9220B ó U9220B														
	Length over buffers: 16,724 m														
	Wheel-base: 11,924 m														
	Loading volume: 75,5 m ³														
Hopper length: 12,340 m															
		<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>41,5 t</td> <td>49,5 t</td> <td>57,5 t</td> </tr> <tr> <td>S¹</td> <td>41,7 t</td> <td>49,7 t</td> <td>57,7 t</td> </tr> </tbody> </table>		A	B	C	S	41,5 t	49,5 t	57,5 t	S ¹	41,7 t	49,7 t	57,7 t	*With platform operated handbrake ** No platform operated handbrake ¹ Quantity: 20
	A	B	C												
S	41,5 t	49,5 t	57,5 t												
S ¹	41,7 t	49,7 t	57,7 t												
															

COAL HOPPER WAGON		NOM. 90S	FAOOS												
	International Traffic	Wagon numbers: With platform operated handbrake: Faoos 83 71 662 6 080-7 al 093-0 No platform operated handbrake*: Faoos 83 71 662 6 094-8 al 119-3													
	TECHNICAL SPECIFICATIONS														
	Tare: 22.500 ó 22.250* kg		Maximum height: 3,800 m												
	Payload: 57,5 ó 57,7 t		Load door dimensions: 12,3x2,17 m												
Maximum speed: 100 km/h		Unloading door dimensions: 4x2,474x1,576 m													
Axle code: N9220B ó U9220B															
Length over buffers: 16,724 m															
Wheel-base: 11,924 m															
Loading volume: 75,5 m ³															
Hopper length: 12,340 m															
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	A	B	C												
S	41,5 t	49,5 t	57,5 t												
S*	41,7 t	49,7 t	57,7 t												
															

SPECIAL FLAT 60'		NOM. 162	SGS								
	Peninsular Traffic	Wagon numbers: Sgs 83 71 454 5 001-6 al 027-1 *									
	TECHNICAL SPECIFICATIONS										
	Tare: 22.400 kg		Maximum width: -								
	Payload: 57,6 t		Height from deck to rail: 1,210 m								
	Maximum speed: 100 km/h		Wagon code: C -3								
Axle code: N9220B ó U9220B		*Weight valve in both bogies: 83 71 454 5 003-2 al 83 71 454 5 012-3									
Length over buffers: 21,040 m											
Wheel-base: 15,800 m											
Loading length: 19,800 m											
Spigots: 20', 30' y 40'											
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>S</td> <td>41,6 t</td> <td>49,6 t</td> <td>57,6 t</td> </tr> </table>				A	B	C	S	41,6 t	49,6 t	57,6 t	Quantity: 27
	A	B	C								
S	41,6 t	49,6 t	57,6 t								
