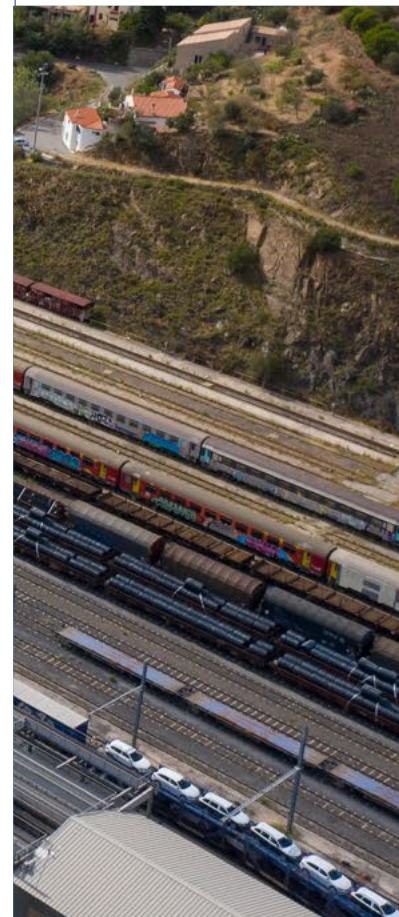
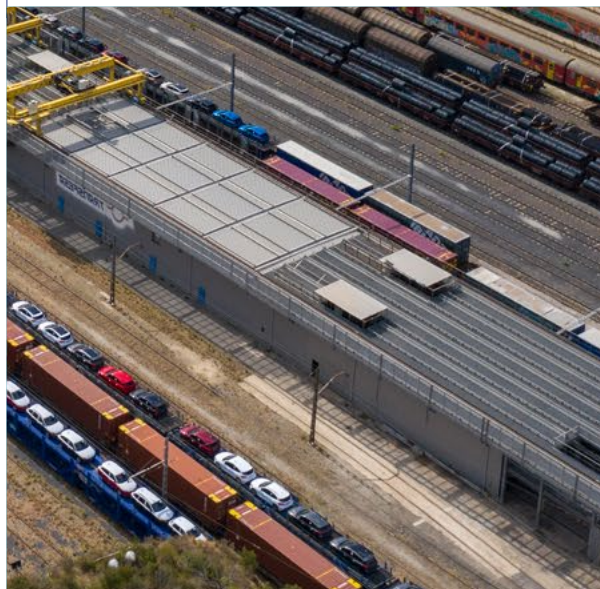
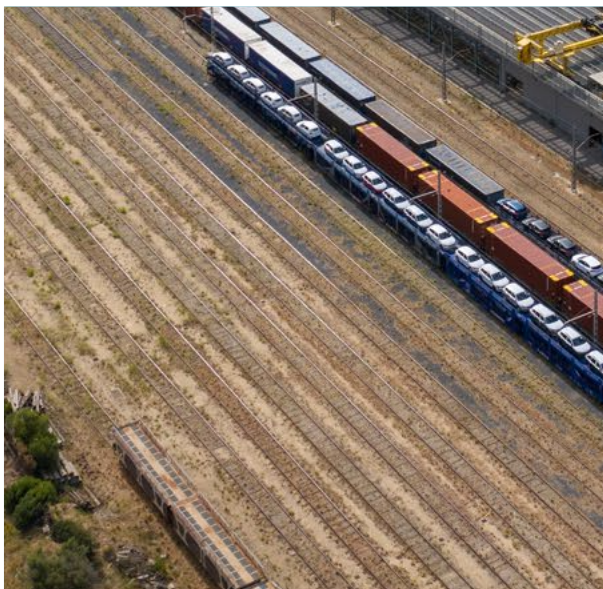
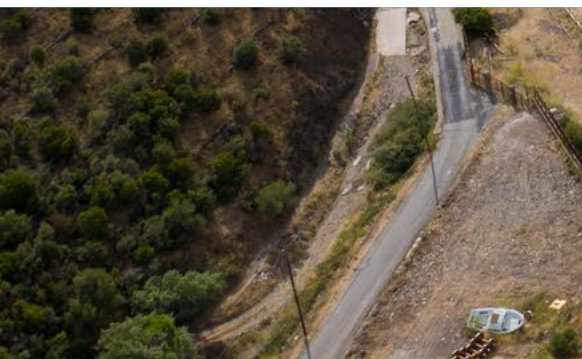




WAGONS CATALOG



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**
- **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. 43
Nom. 54B
Nom. 133D

Nom. 63
Nom. 63C
Nom. 63F

Nom. 89
Nom. 89A
Nom. 89B

Nom. 142
Nom. 142A
Nom. 163

Nom. 46C
Nom. 122

Nom. 127
Nom. 128

Nom. 165

Nom. 48
Nom. 77

Nom. 77B
Nom. 77C

Nom. 100
Nom. 100A

Nom. 46

Puedes pinchar en cualquier nombre e irá 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 irá a la página adecuada

NON RIV WAGONS (Spanish)

Nom. 40B
Nom. 54
Nom. 54A

Nom. 54C
Nom. 54D
Nom. 54E

Nom. 54F
Nom. 64
Nom. 152D

Nom. 90S

Nom. 162

Nom. 20A
Nom. 24A

Nom. 62
Nom. 62A

Nom. 65
Nom. 166

Puedes pinchar en cualquier nombre e irá a la página adecuada

VINYL CHLORIDE TANK WAGON

NOM. 43

ZAGS

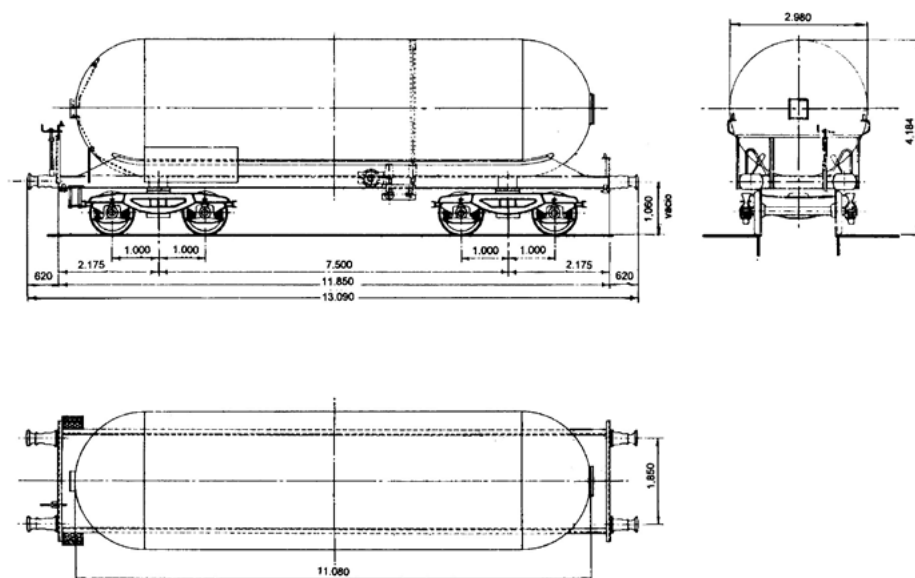


Wagon numbers:

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



BULK TANK WAGON 55 M³

NOM. 54B

UACS



Wagon numbers:

Uacs 34 71 930 5 009-8 al 014-8

Tare: 20.700 kg

Load door dimensions: 0,400m

Payload: 59,3 t

Loading volume: 55 m³

Maximum speed: 100 km/h

Axle code: N9220B ó U9220B

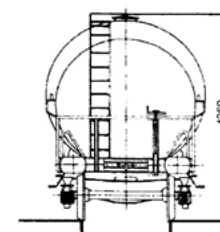
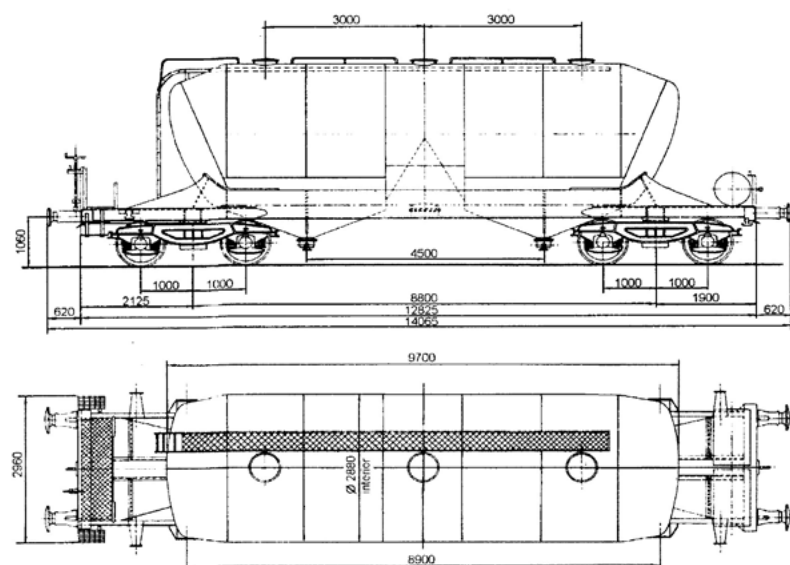
Length over buffers: 14,065 m

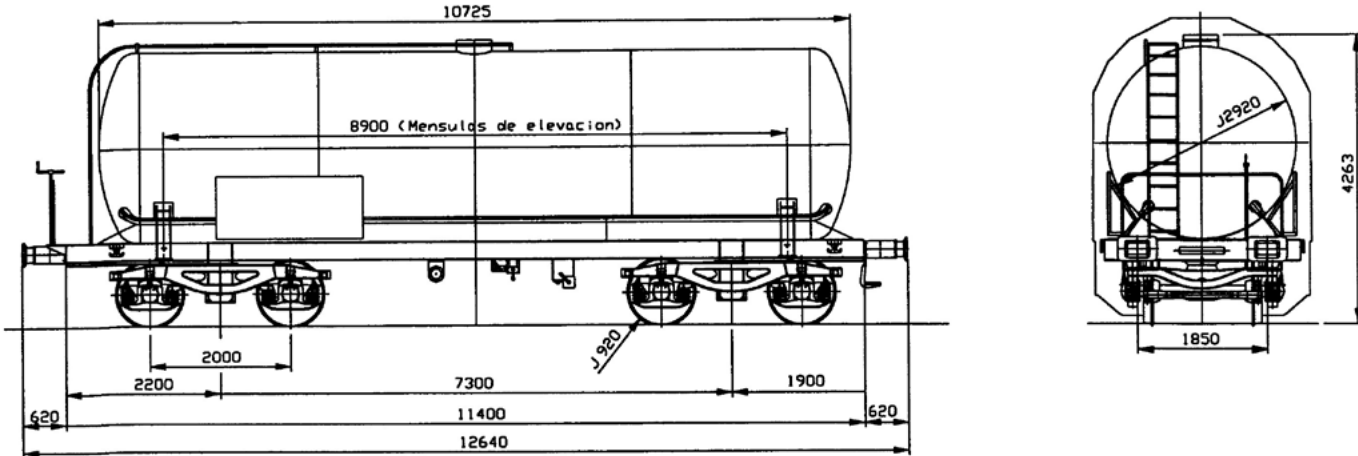
Wheel-base: 8,800 m

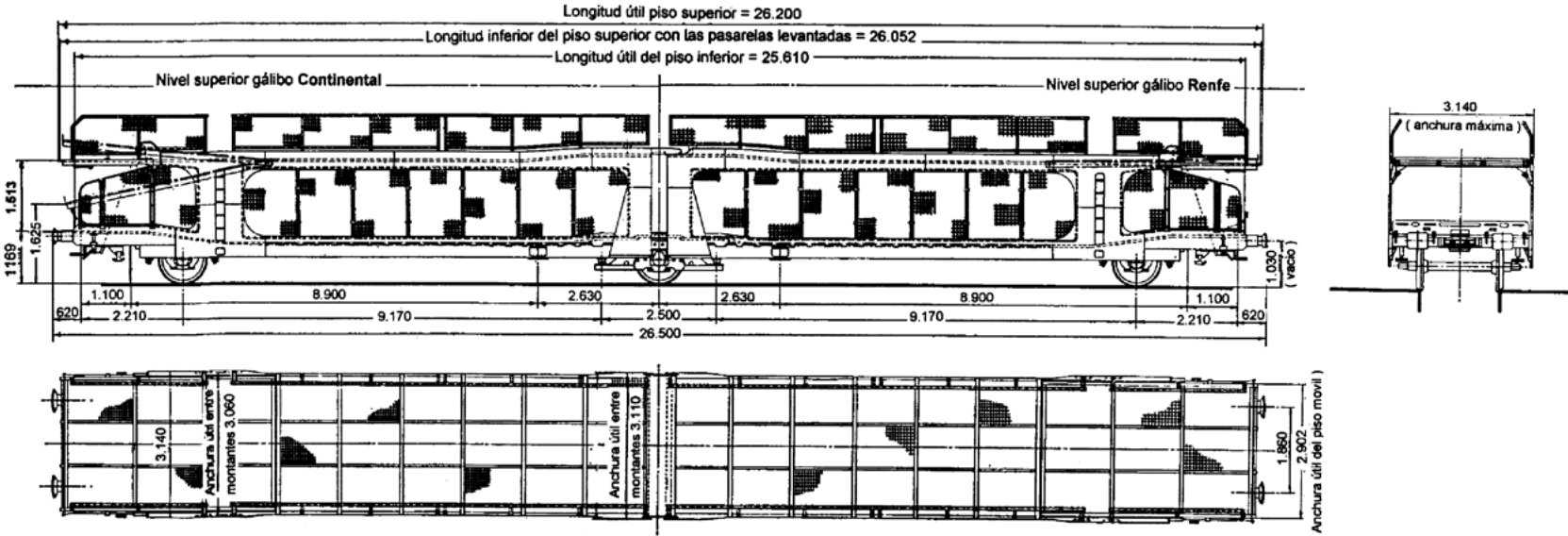
Tank length: 9,700 m

Maximum height: 4,260 m

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



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 / Nº ONU: - / -							
	Wheel-base: 7,300 m								
	Loading volume: 64 m³								
	Tank length: 10,725 m								
<table><tr><td></td><td>A o B1</td><td>B</td><td>C</td></tr><tr><td>S</td><td>40,2 t</td><td>49 t</td><td>57 t</td></tr></table>			A o B1	B	C	S	40,2 t	49 t	57 t
	A o B1	B	C						
S	40,2 t	49 t	57 t						
									

CAR-CARRIER 2 DECKS 26,5M		NOM. 63	LAEKS							
	International Traffic	Wagon numbers: Laeks 24 87 427 4 060-3 al 4 149-4								
	Tare: 27.200 kg		Loading length of lower deck: 25,610 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: 26,500 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										
<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>S</td><td colspan="3">19,0 t</td></tr></table>			A	B	C	S	19,0 t			*Reference height which will be dependent on the individual characteristics of each car.
	A	B	C							
S	19,0 t									
										

CAR-CARRIER 2 DECKS 26,5M

NOM. 63C

LAeks



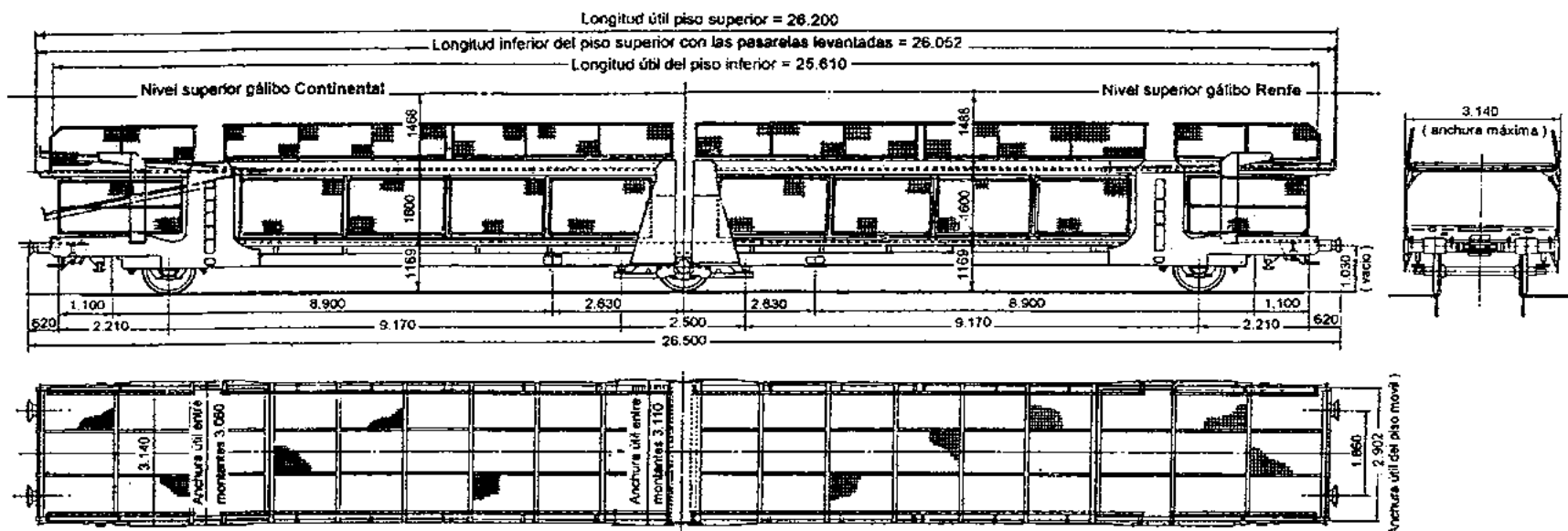
Wagon numbers:

Laeks 24 71 427 0 001-9 al 049-8

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.



CAR-CARRIER 2 DECKS 26,5M

NOM. 63F

LAEKS



Wagon numbers:

Lags 24 71 427 3 001-6 al 233-5

Tare: 31.000 kg	Maximum car height:* (intermediate position)
Payload: 18,0 t	• Upper deck: 1.640 mm
Maximum speed: 100 km/h	• Lower deck: 1.640 mm
Axle code: N90220 ó U90220	Maximum car weight:
Length over buffers: 26,500 m	• Upper deck: 2,8 t
Wheel-base: 9,000 m	• Lower deck: 2,8 t
Loading length of upper deck: 26,200 m	Maximum weight per car wheel:
Loading length of lower deck: 25,610 m	• Upper deck: 0,7 t
Length of end pivoting ramp: 4,515 m	• Lower deck: 0,7 t
Height of lower deck to rail: 832 mm (lowest area)	Height of upper deck to rail: 2.640 mm (intermediate position)

	A	B	C
S	18,0 t		

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

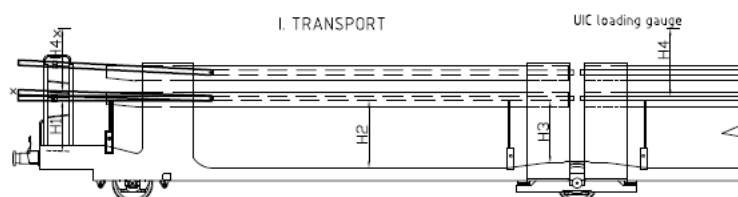
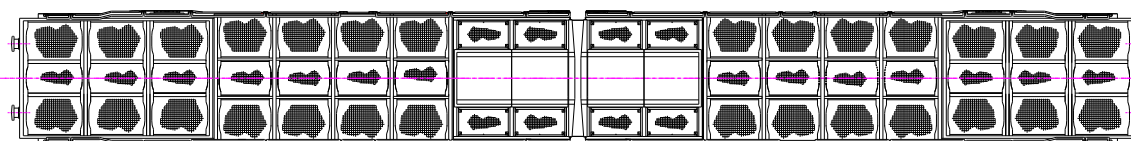
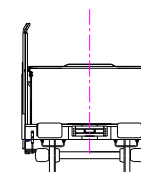
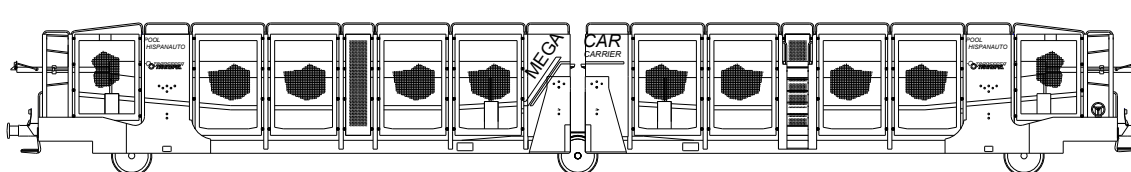


CHART OF UPPER DECK POSITIONS AND WAGON CARRYING CAPACITY						
HEIGHTS	H1	H1x	H2	H3	H4	H4x
TOP	2.150	-	2.285	2.280	1.120	-
MIDDLE	1.470	1.590	1.765	1.760	1.640	1.520
BOTTOM	1.370	1.490	1.665	1.660	1.740	1.620

Note: the "x" 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).

CAR-CARRIER 2 DECKS 31M

NOM. 89

LAAEKS



Wagon numbers:

Laaeks 24 71 436 6 392-7 al 431-3

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

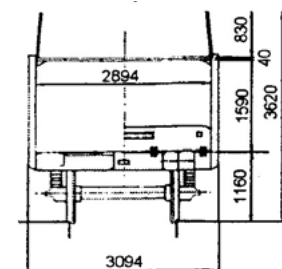
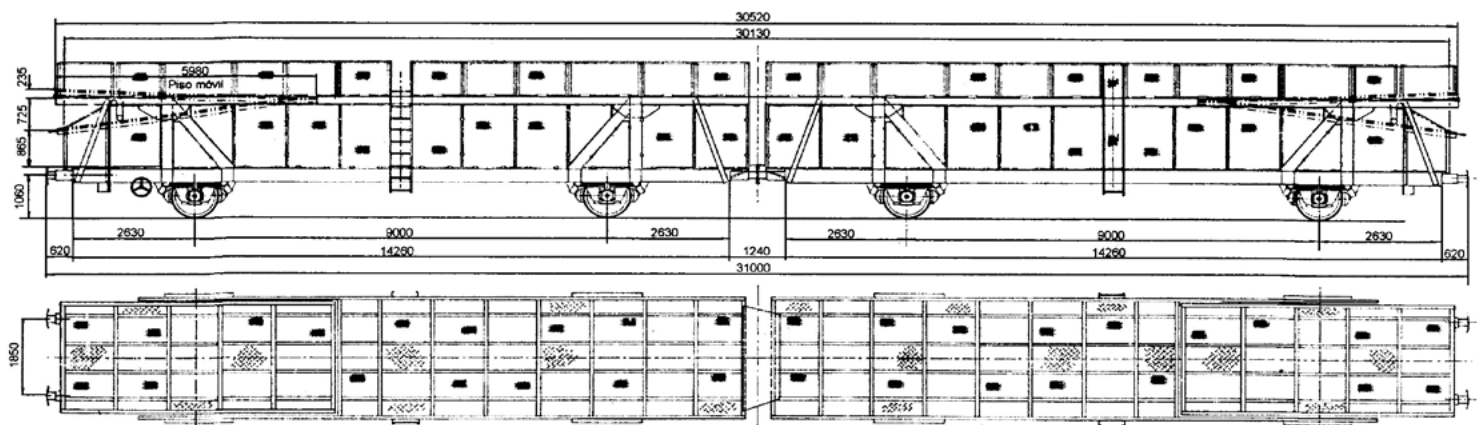
Wheel-base: 9,000 m

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.



CAR-CARRIER 2 DECKS 31M

NOM. 89A

LAAEKS



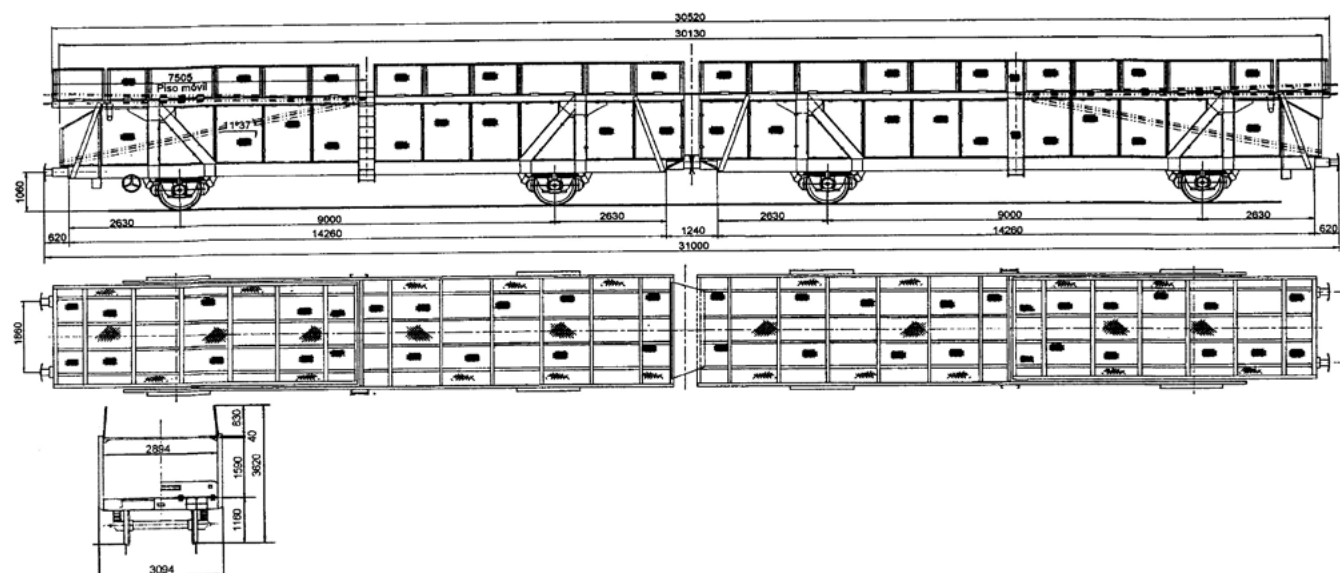
Wagon numbers:

Laaeks 24 71 437 0 462-9 al 531-4

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	

	A	B	C
S	22 t		

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



CAR-CARRIER 2 DECKS 31M

NOM. 89B

LAAEKS



Wagon numbers:

Laaeks 24 71 436 6 532-8 al 551-8

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

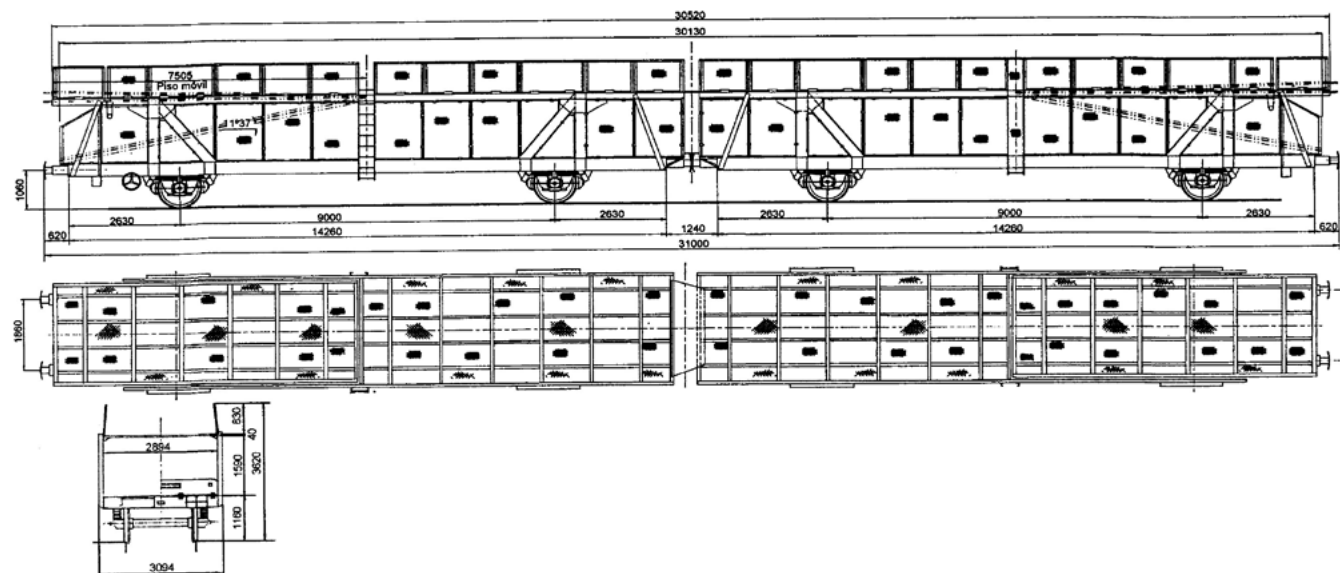
Wheel-base: 9,000 m

Height from lower deck to rail: 1,160 m

Loading length of upper deck: 30,520 m

	A	B	C
S	22,5 t		

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



CAR-CARRIER 2 DECKS 31M

NOM. 142

LAAERS



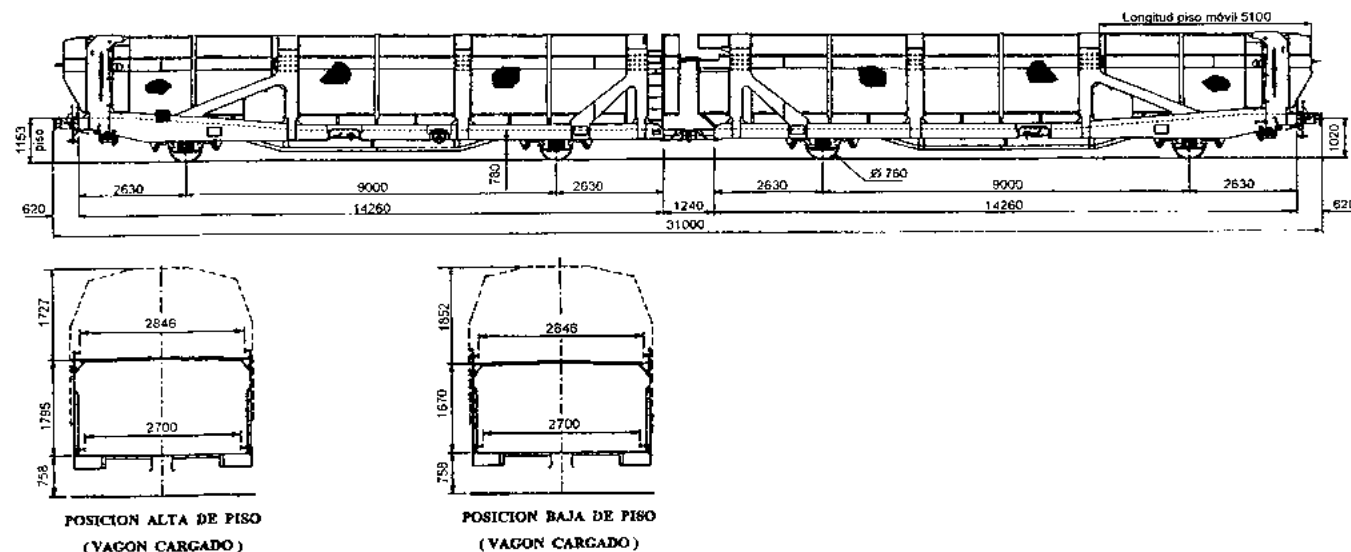
Wagon numbers:

Laaers 24 71 437 0 001-8 al 080-2

Tare: 32.700 kg	Maximum car height:* (top position)
Payload: 27,3 t	• Upper deck: 1.684 mm
Maximum speed: 100 km/h	• Lower deck: 1.660 mm
Axle code: N7616R ó U7616R	Maximum car weight:
Length over buffers: 31,000 m	• Upper deck: 2 t
Wheel-base: 9,000 m	• Lower deck: 2,8 t
Length of end ramp (lower deck): 5,540 m	Maximum weight per car wheel:
Loading length of upper deck: 30,520 m	• Upper deck: 0,5 t
Loading length of lower deck: 29,760 m	• Lower deck: 0,7 t
Length of end pivoting ramp (upper deck): 5,100 m	Height of lower deck to rail: 758 mm (lowest area)
	Height of upper deck to rail: 2.596 mm (top position)

	A	B	C
S	27,3 t		
SS	0		

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



CAR-CARRIER 2 DECKS 31M

NOM. 142A

LAAERS



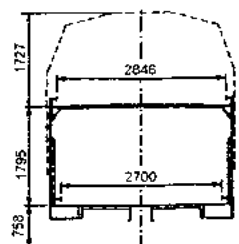
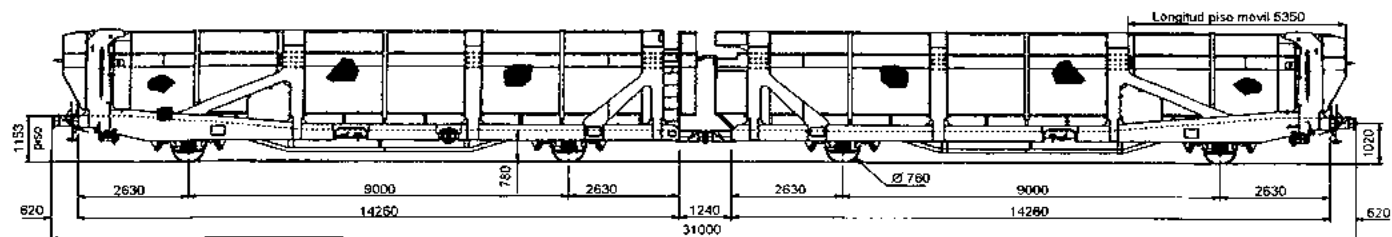
Wagon numbers:

Laaers 24 71 437 0 101-6 al 187-5

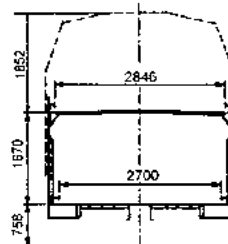
Tare: 32.700 kg	Maximum car height:* (top position)
Payload: 27,3 t	• Upper deck: 1.684 mm
Maximum speed: 100 km/h	• Lower deck: 1.685 mm
Axle code: N7616R ó U7616R	Maximum car weight:
Length over buffers: 31,000 m	• Upper deck: 2 t
Wheel-base: 9,000 m	• Lower deck: 2,8 t
Length of end ramp (lower deck): 4,800 m	Maximum weight per car wheel:
Loading length of upper deck: 30,520 m	• Upper deck: 0,5 t
Loading length of lower deck: 29,760 m	• Lower deck: 0,7 t
Length of end pivoting ramp (upper deck): 5,350 m	Height of lower deck to rail: 758 mm (lowest area)
	Height of upper deck to rail: 2.596 mm (top position)

	A	B	C
S	27,3 t		
SS	0		

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

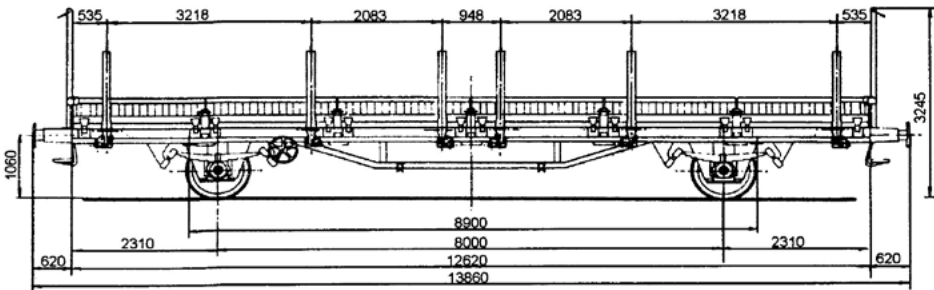
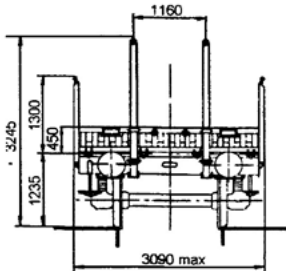
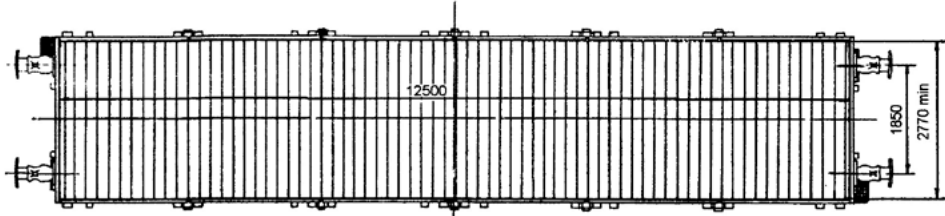


POSICION ALTA DE PISO
(VAGON CARGADO)

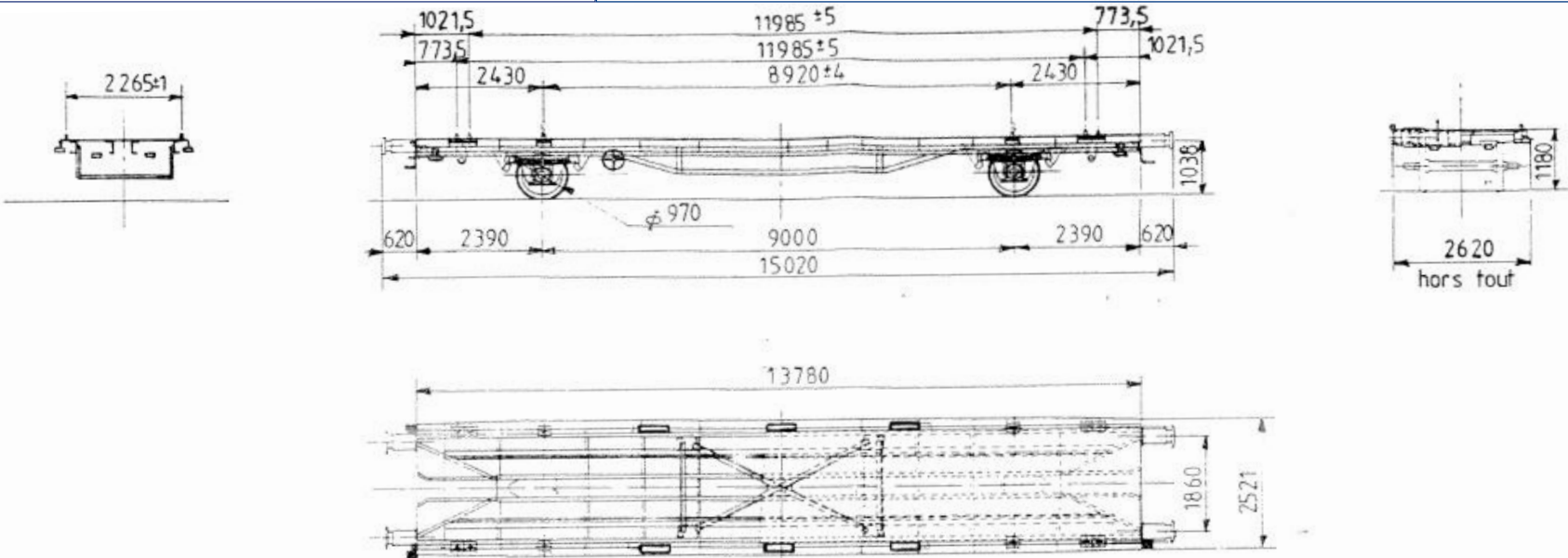


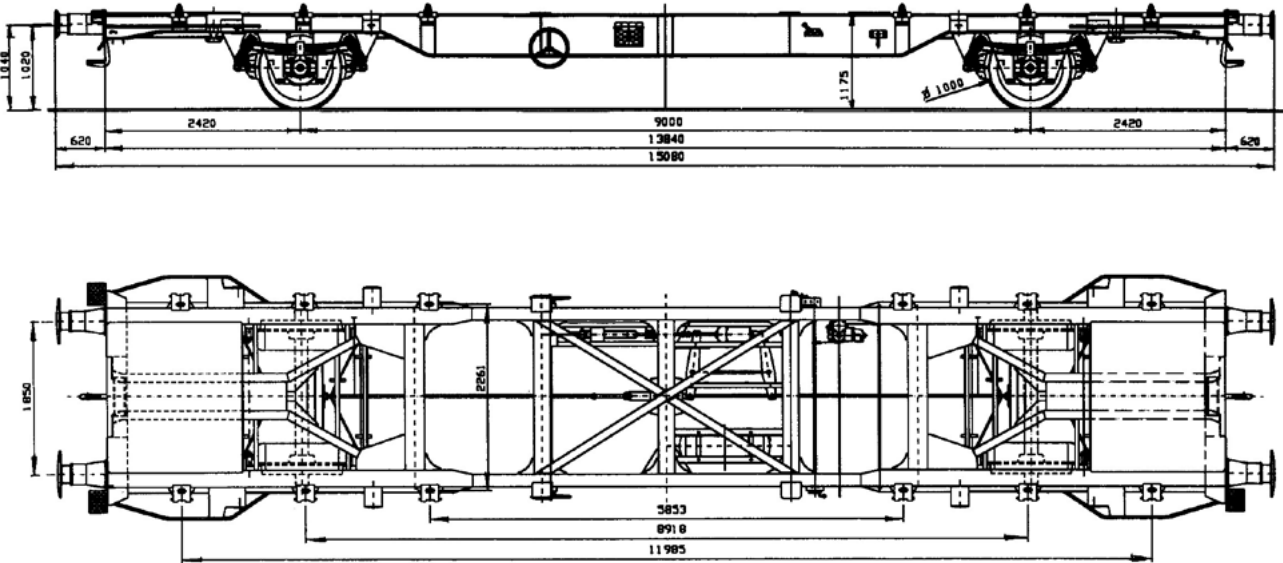
POSICION BAJA DE PISO
(VAGON CARGADO)



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 m ²										
		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											
		<table border="1"> <thead> <tr> <th></th><th>A</th><th>B</th><th>C</th></tr> </thead> <tbody> <tr> <td>S*</td><td>18,9 t</td><td>22,9 t</td><td>26,9 t</td></tr> <tr> <td>S</td><td>19,2 t</td><td>23,2 t</td><td>27,2 t</td></tr> </tbody> </table>			A	B	C	S*	18,9 t	22,9 t	26,9 t	S	19,2 t
	A	B	C										
S*	18,9 t	22,9 t	26,9 t										
S	19,2 t	23,2 t	27,2 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									
	<table border="1"> <tr> <td></td><td>A</td><td>B</td><td>C</td></tr> <tr> <td>S</td><td>20,4 t</td><td>20,4 t</td><td>28,4 t</td></tr> </table>				A	B	C	S	20,4 t	20,4 t
	A	B	C							
S	20,4 t	20,4 t	28,4 t							

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: 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: 30' y 40'									
		<table border="1"> <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
	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: C0							
	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><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
	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: C0

Axle code: N00220 ó U00220

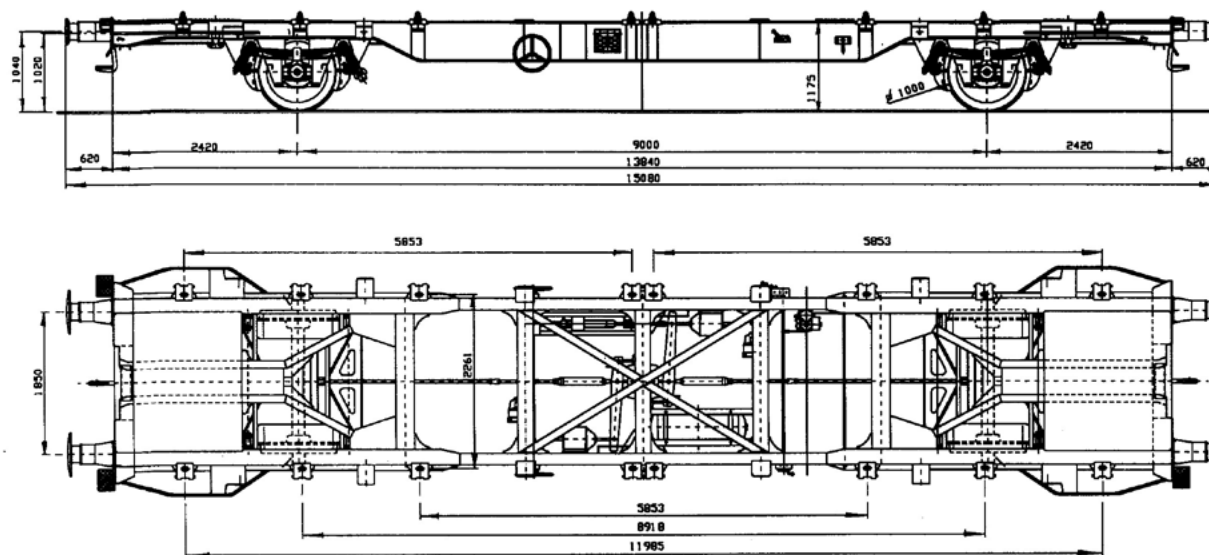
Length over buffers: 15,080 m

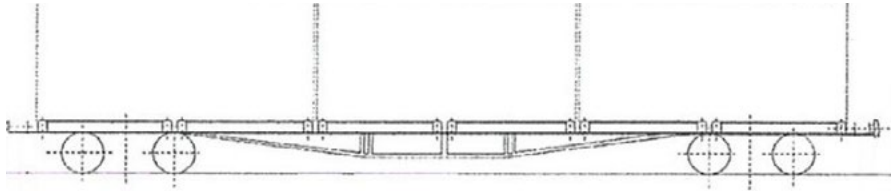
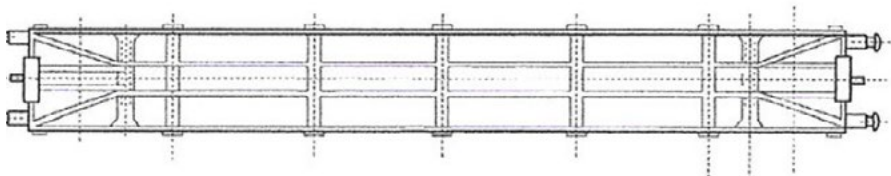
Wheel-base: 9,000 m

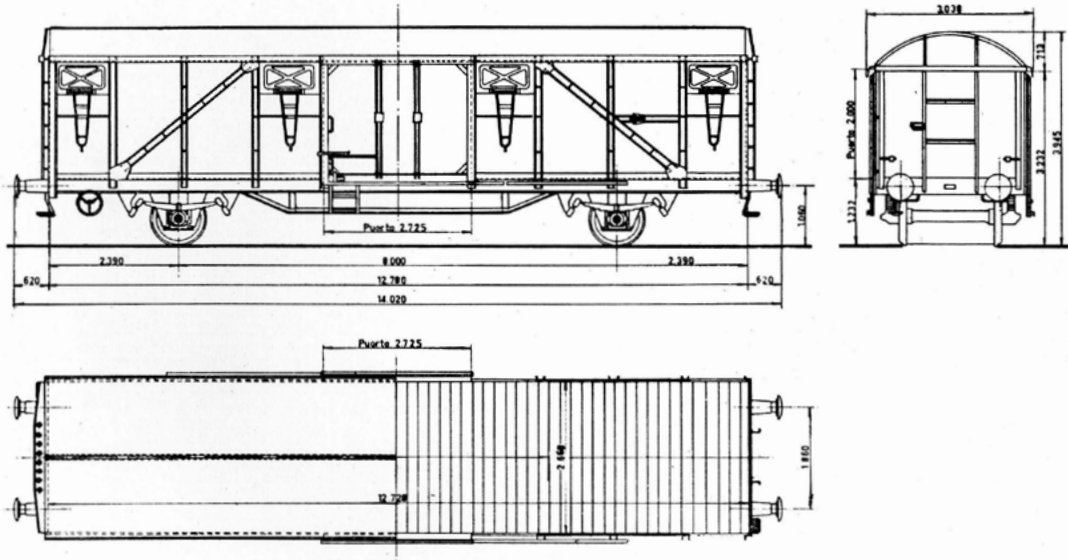
Loading length: 13,840 m

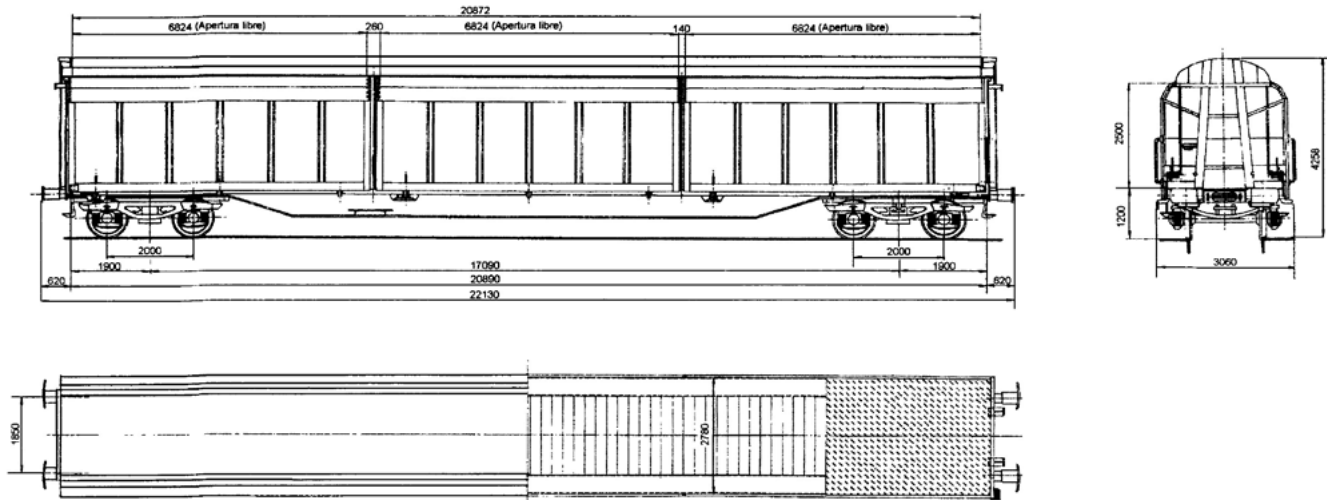
Maximum width: 2,940 m

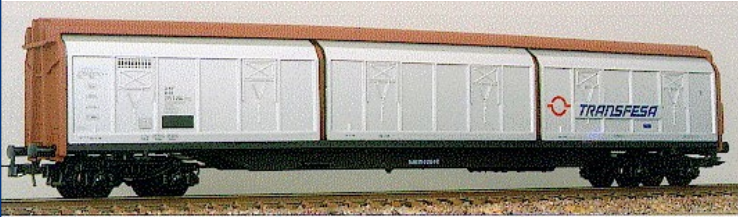
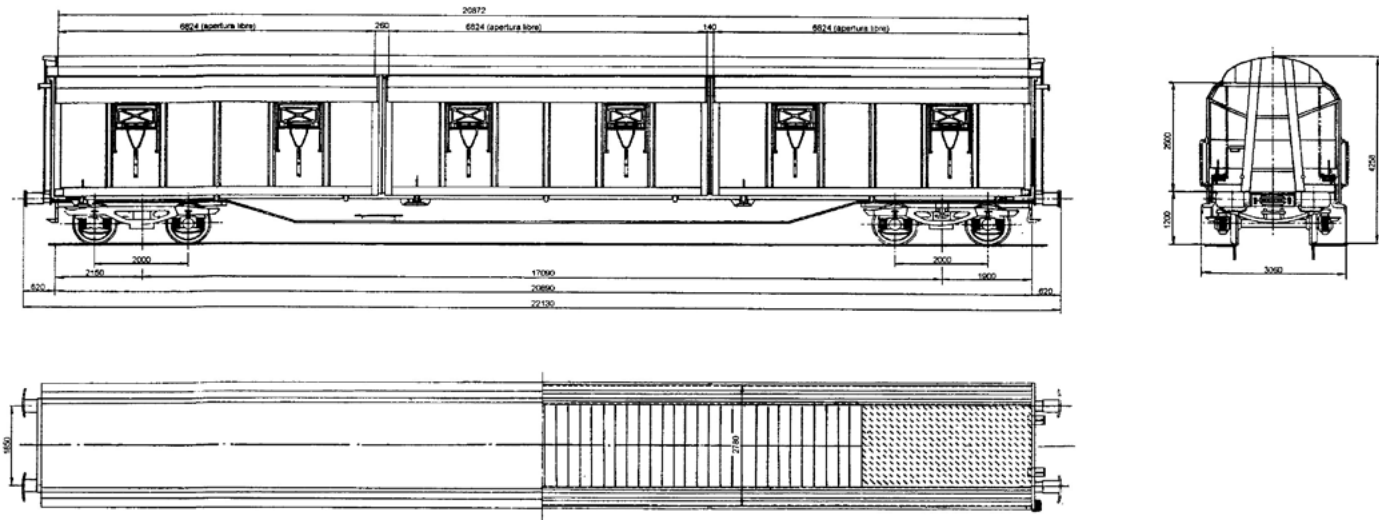
	A	B	C	D
S	19,3 t	23,3 t	27,3 t	32,3 t
SS	19,3 t	23,3 t	27,3 t	

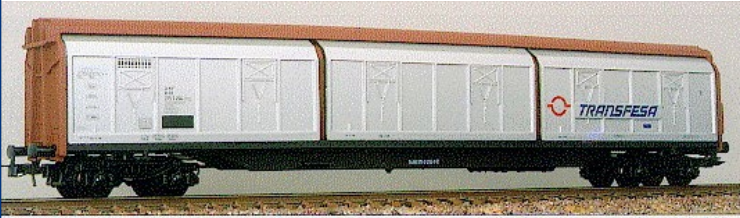
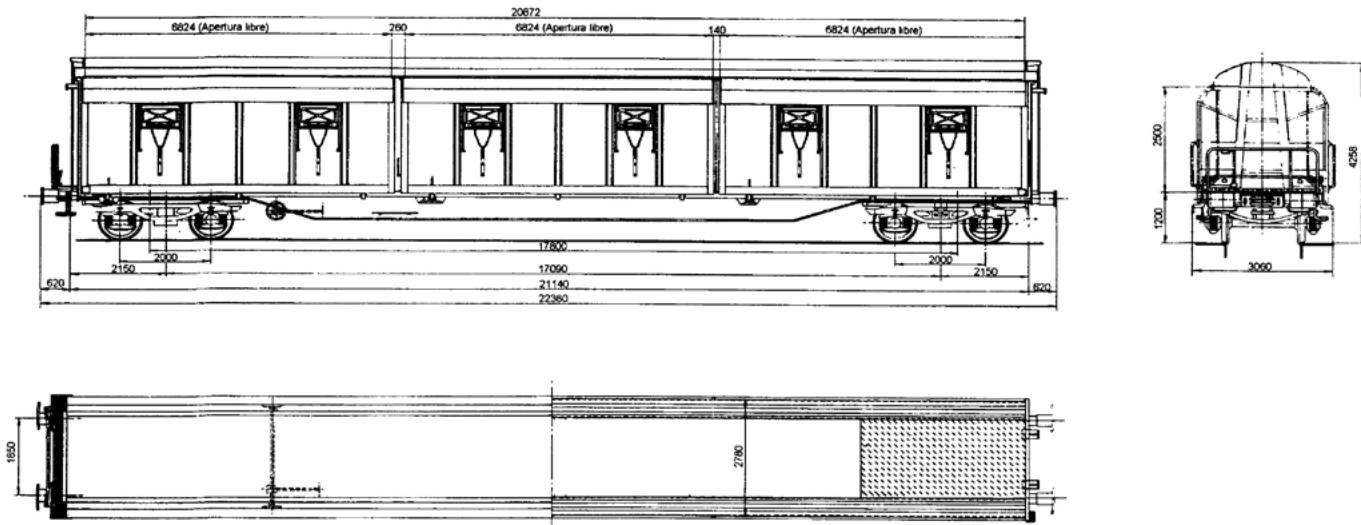


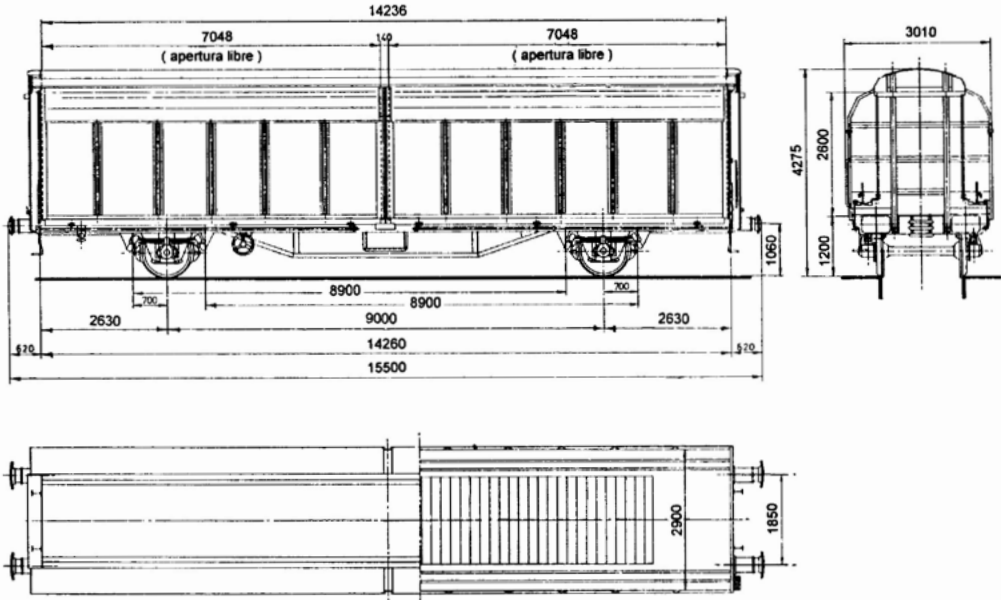
PLATAFORMA INTERMODAL DE 60'		NOM. 165	SGS																					
		Wagon numbers: Lgs 32 71 454 2 044-1; 32 71 454 2 066-4; 32 71 454 2 103-5; 32 71 454 2 107-6; 32 71 454 2 117-5; 32 71 454 2 138-1; 32 71 454-2 2 166-2; 32 71 454 2 207-4; 32 71 454 2 231-4 Sgss* 32 71 457 0 494-3																						
		Tare: 19.000 kg/* 19.800 kg	Date of contruction: 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																						
		<table><tr><th>Number of containers:</th><th>Length of container (feet)</th><th>Examples of possibles loads:</th></tr><tr><td>3</td><td>20</td><td>Maximum load according to position: 12-36-12 ton/e.u.</td></tr><tr><td>2</td><td>40-20</td><td>Maximum load respectively: 40-20 ton/e.u.</td></tr><tr><td>2</td><td>30</td><td>Maximum load: 30 ton/e.u.</td></tr><tr><td>2</td><td>20-30</td><td>Maximum load respectively: 25-34 ton/e.u.</td></tr><tr><td>1</td><td>45</td><td>Centred: Maximum load: 44 ton./e.u.</td></tr><tr><td>1</td><td>40</td><td>Centred: Maximum load: 44 ton./e.u.</td></tr></table>		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.
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.																						
																								

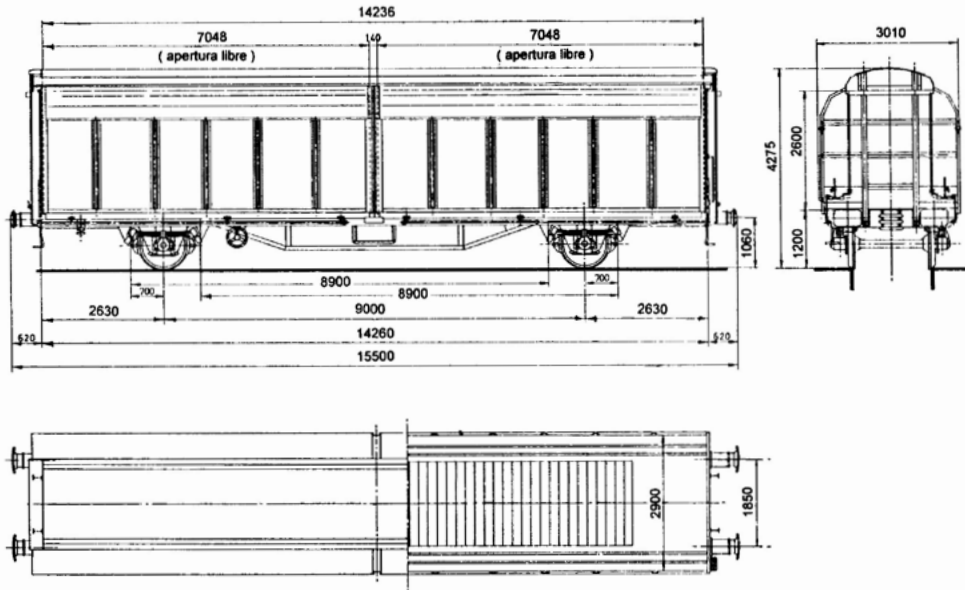
VENTILATED	NOM. 48	GBS							
	Wagon numbers: Gbs 24 87 150 0 158-7, 272-6, 274-2, 340-1, 371-6, 544-8, 690-9, 781-6, 810-3, 835-0, 841-8, 852-5, 870-7, 872-3, 923-4.								
	Tare: 10.500 kg								
	Loading length: 12,728 m								
	Payload: 29,5 t								
	Loading height (height of door): 2,000 m								
	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 m²									
Wheel-base: 8,000 m									
Loading volume: 72 m³									
Height from deck to rail: 1,232 m									
<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>S</td><td>21,5 t</td><td>25,5 t</td><td>29,5 t</td></tr></table>			A	B	C	S	21,5 t	25,5 t	29,5 t
	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"> <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
	A	B	C						
S	37 t	45 t	53 t						
									

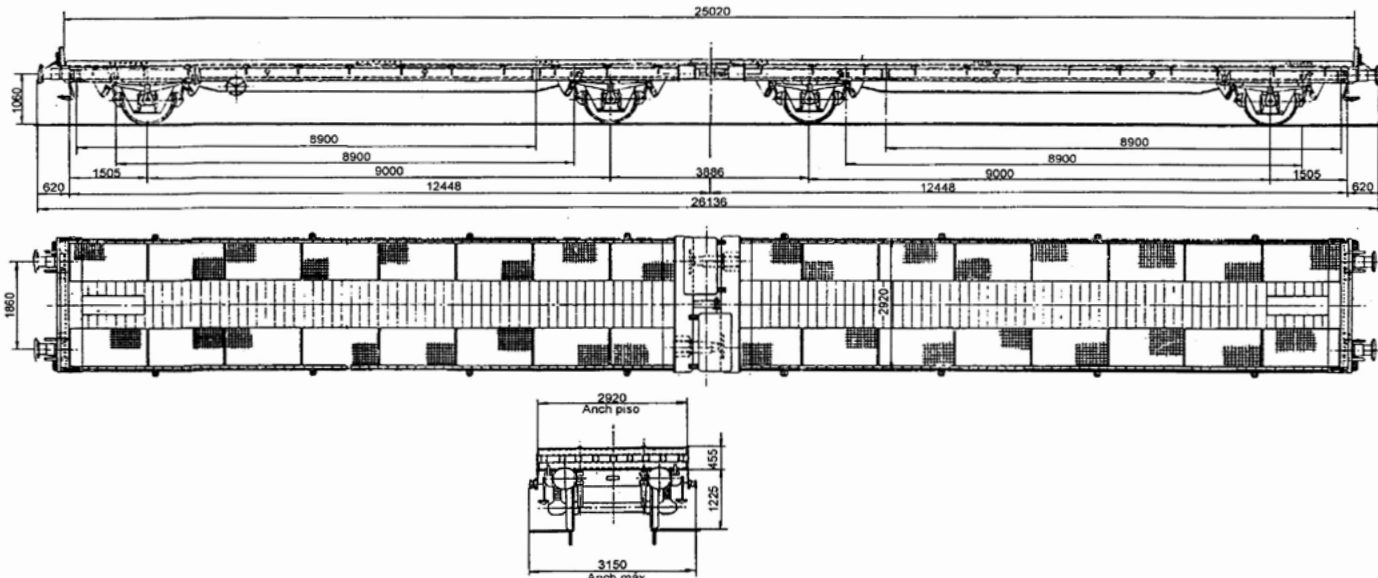
SLIDING DOORS		NOM. 77B	HABIS								
	Wagon numbers: Habis 34 80 275 2 134-6 al 213-8										
	Tare: 27.000 kg		Loading length: 20,872 m								
	Payload: 53,0 t		Loading height (height of door): 2,500 m								
	Maximum speed: 100 km/h		Width side door: 3 x 6,824 m								
	Axle code: N9220B ó U9220B		Loading width: 2,780 m								
	Length over buffers: 22,130 m		Loading surface: 58,0 m²								
	Wheel-base: 17,090 m										
	Loading volume: 125 m³										
	Height from deck to rail: 1,200 m										
	<table><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
	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		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: 22,380 m		Loading surface: 58,0 m²								
	Wheel-base: 17,090 m										
	Loading volume: 125 m³										
	Height from deck to rail: 1,200 m										
	<table><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
	A	B	C								
S	37 t	45 t	53 t								
											

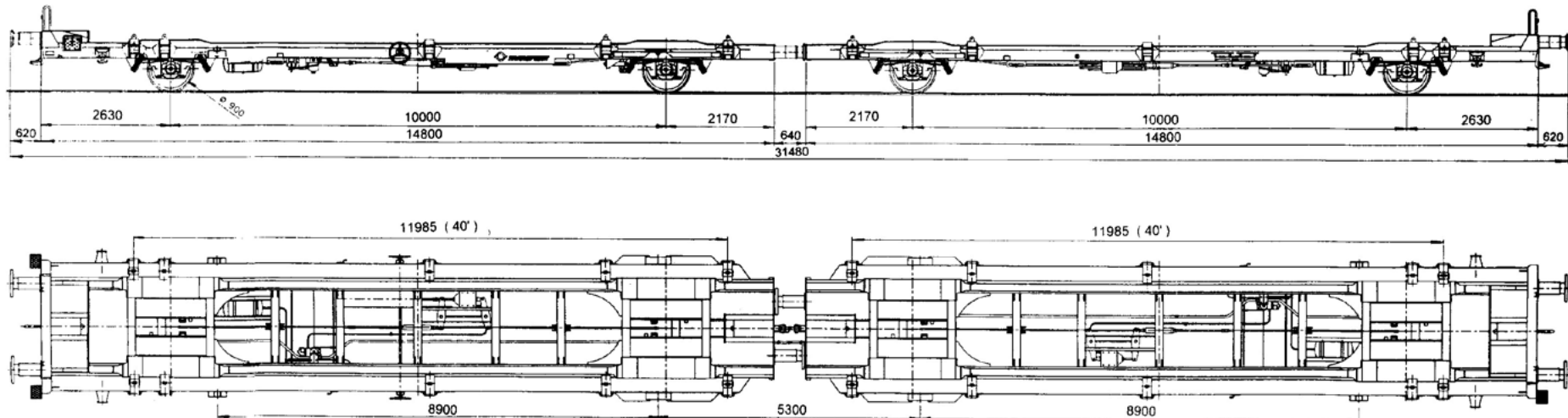
SLIDING DOORS		NOM. 100	HBIS							
		Wagon numbers: Hbis 24 71 225 0 000-9 al 064-5 * Hbis 24 71 225 0 065-2 al 099-1 ** Hbis 24 71 225 0 100-7 al 131-2 * Hbis 24 71 225 0 132-0 al 149-4 **								
		Tare: 14.800 kg	Loading length: 14,236 m							
		Payload: 25,2 t	Loading height (height of door): 2,600 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"> <tr> <td></td><td>A</td><td>B</td><td>C</td></tr> <tr> <td>S</td><td>17,2 t</td><td>21,2 t</td><td>25,2 t</td></tr> </table>		A	B	C	S	17,2 t	21,2 t	25,2 t	* No handbrake ** With handbrake
	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 m²												
	Wheel-base: 9,000 m														
	Loading volume: 113 m³														
	Height from deck to rail: 1,200 m														
		<table><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><tr><td>SS</td><td>16,3 t</td><td>00,0 t</td><td></td></tr></table>			A	B	C	S	16,3 t	20,3 t	24,3 t	SS	16,3 t	00,0 t	
	A	B	C												
S	16,3 t	20,3 t	24,3 t												
SS	16,3 t	00,0 t													
															

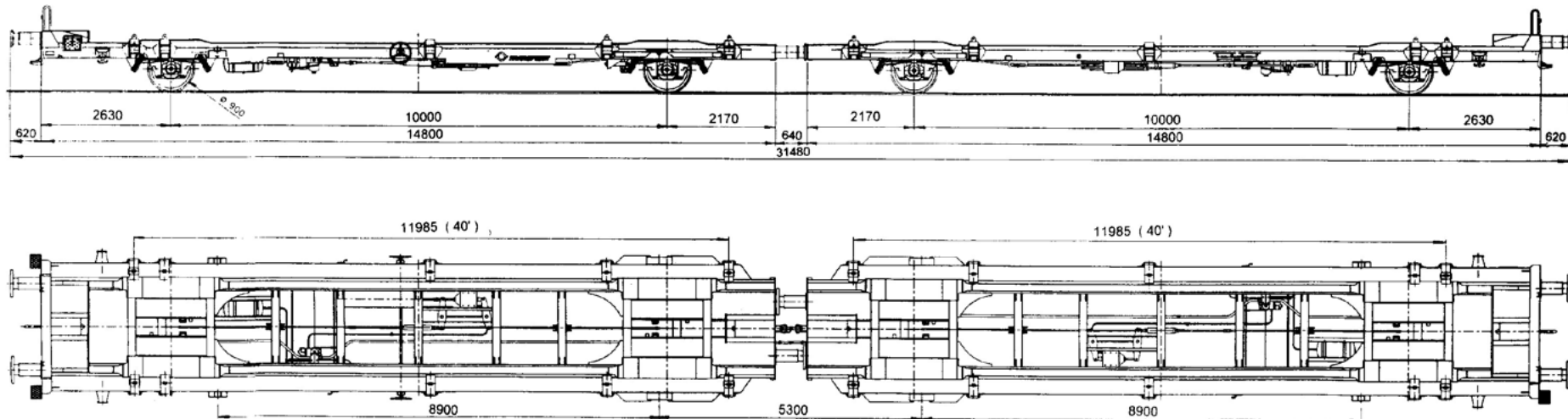
Only authorized in: Spain

CAR-CARRIER 1 DECK		NOM. 78	LAAPS								
	Peninsular Traffic	Wagon numbers: Laaps 43 71 430 8 001-2 al 058-2									
		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><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
	A	B	C								
S	40,3 t	48,3 t	56,3 t								
											

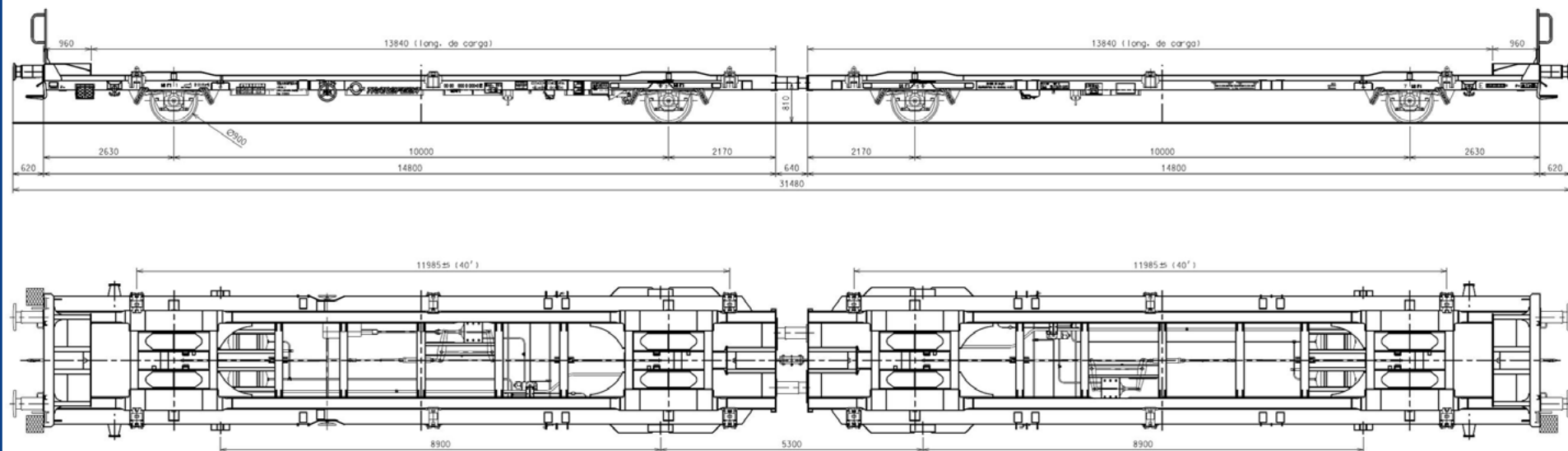
Authorized in these countries: France, Switzerland, Germany, Slovenia, Belgium, Czech Republic, Slovakia, Luxemburgo, Bulgaria, Croatia, Hungary, Romania, Turkey, Portugal, Serbia and Spain

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><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td></tr><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 colspan="2">53,2 t</td></tr></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	
	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																	
																				

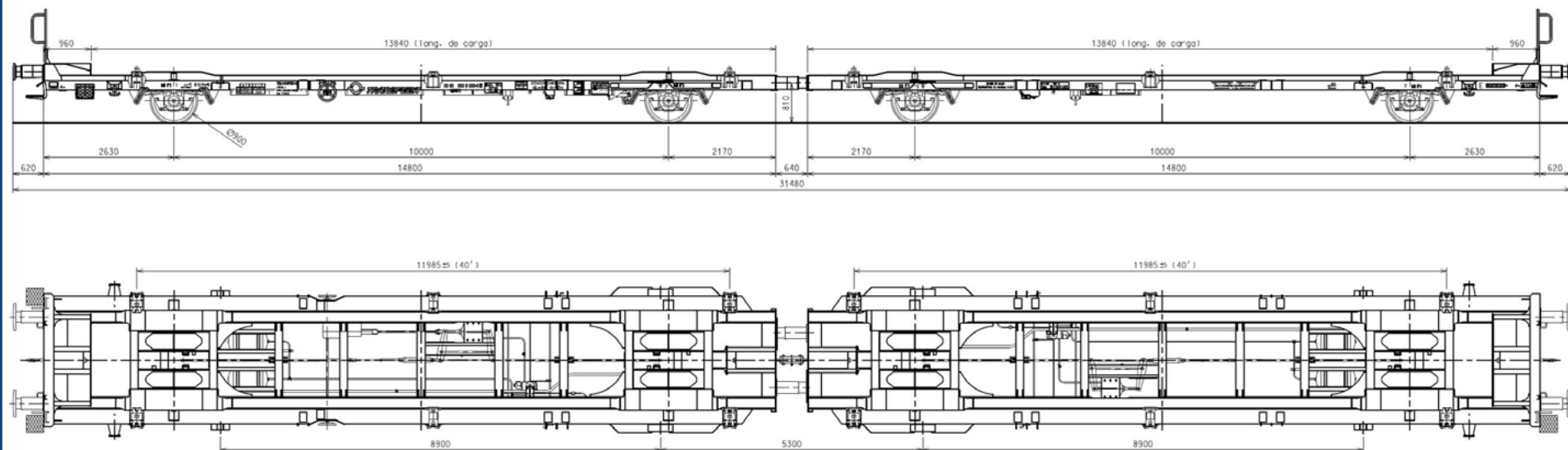
Authorized in these countries: France, Switzerland, Germany, Slovenia, Belgium, Czech Republic, Slovakia, Luxemburgo, Bulgaria, Croatia, Hungary, Romania, Turkey, Portugal, Serbia and Spain

CONTAINER FLAT MULTIPLE WAGON		NOM. 139B	LAAGRSS																	
	International Traffic	Wagon numbers: Laagrss 43 71 437 8 092-6 al 235-1 Laagrss 43 71 437 8 316-9 al 407-6																		
		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><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td></tr><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 colspan="2">53,2 t</td></tr></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	
	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><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td></tr><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></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	
	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. 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><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td></tr><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></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	
	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																	
																				

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

INTERMODAL FLAT



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

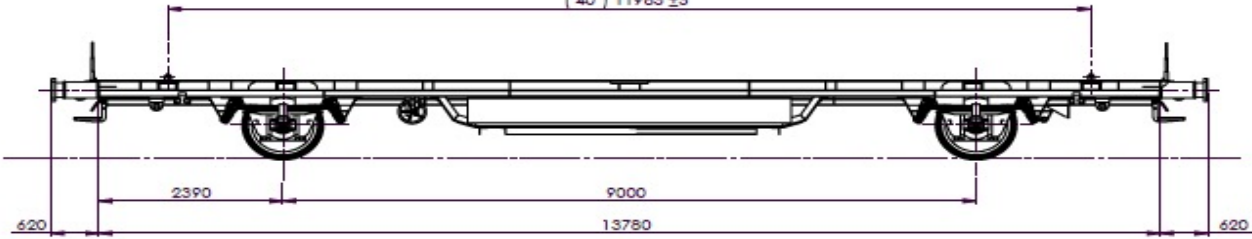
Wheel-base: 9,000 m

Loading length: 13,780 m

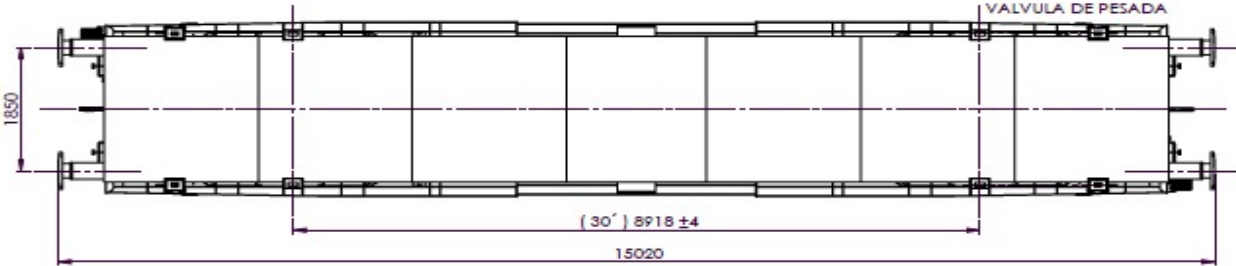
Spigots: 30' y 40'

	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	

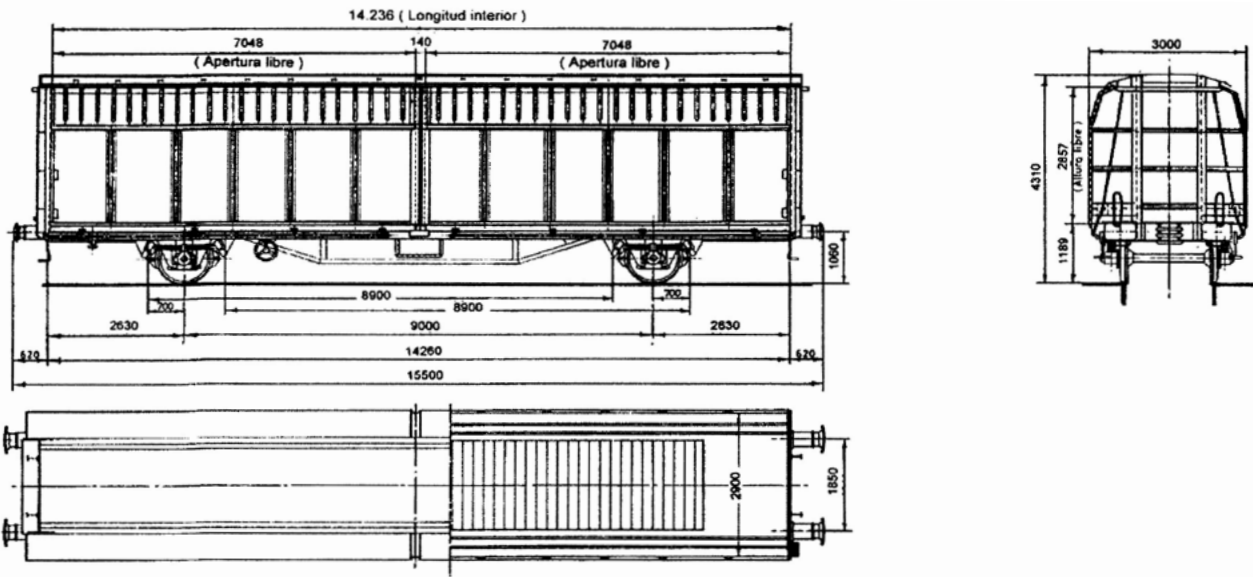
(40') 11985 ±5



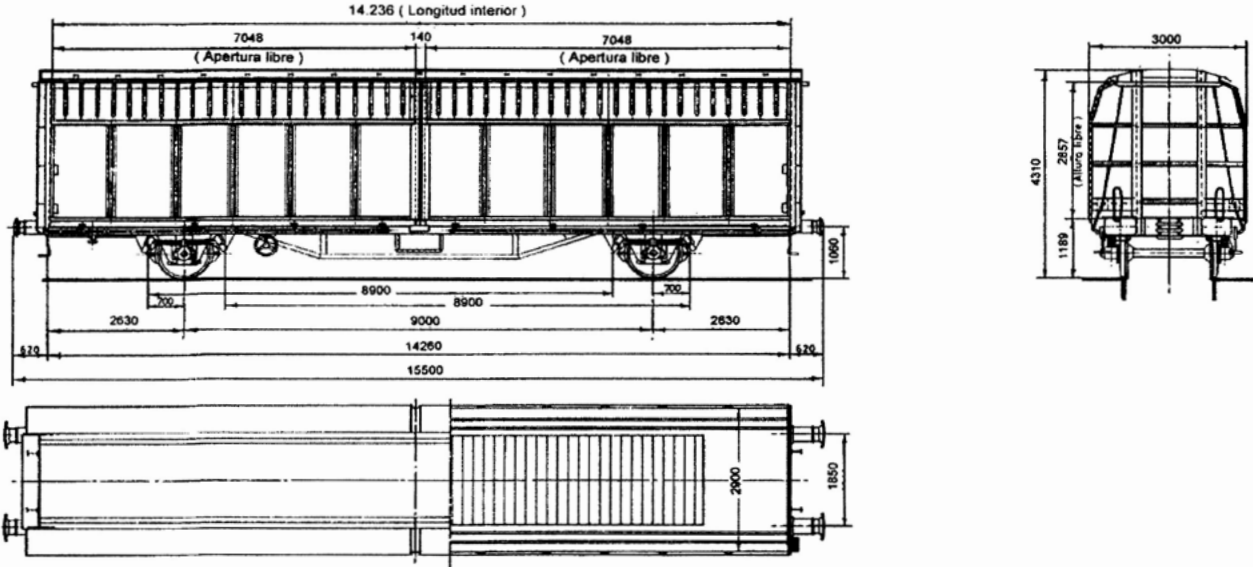
VALVULA DE PESADA

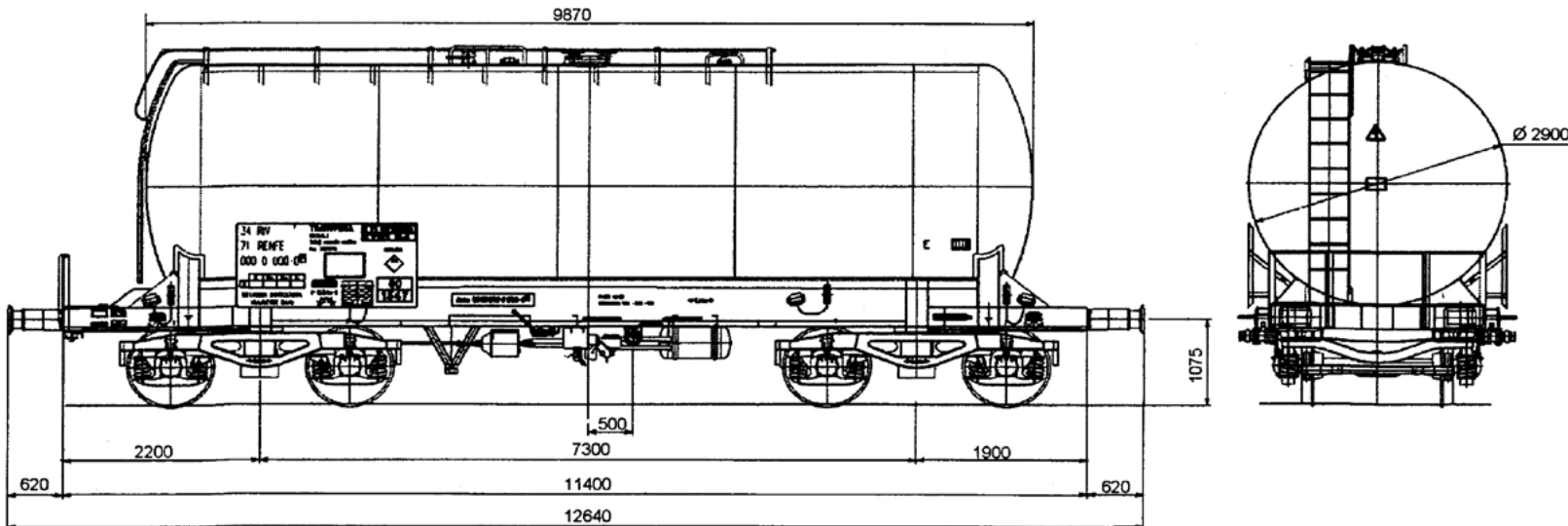


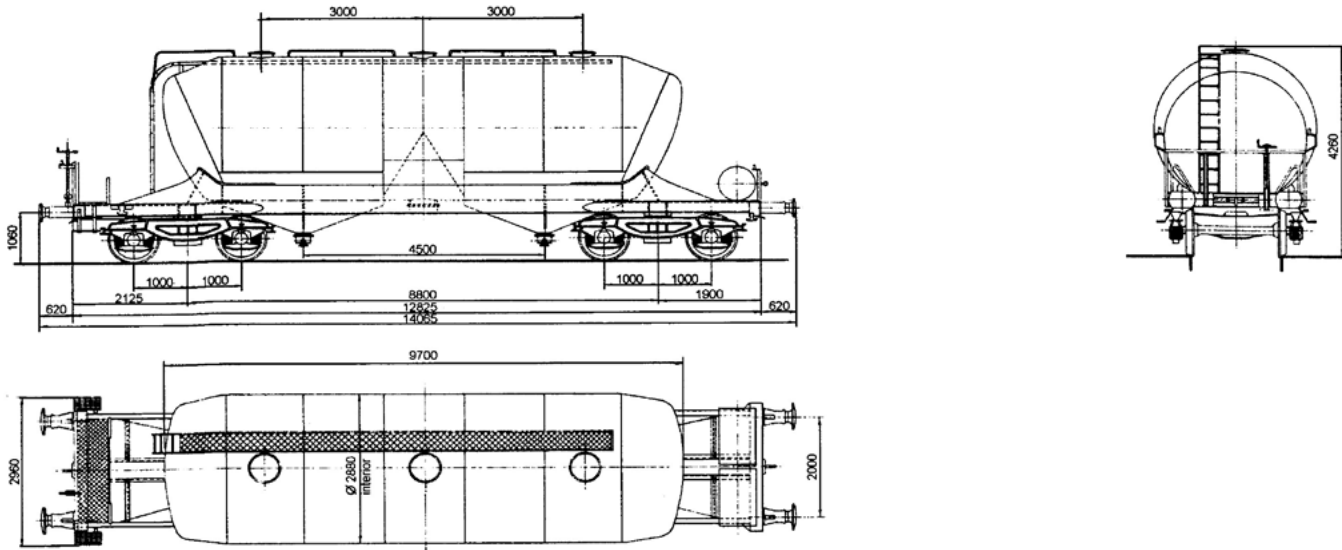
These wagons have gauge type B (according to EN 15273-2 is profile GB, bigger than G1). They can run in some railway lines in Spain, France and Germany. They can run in Portugal.

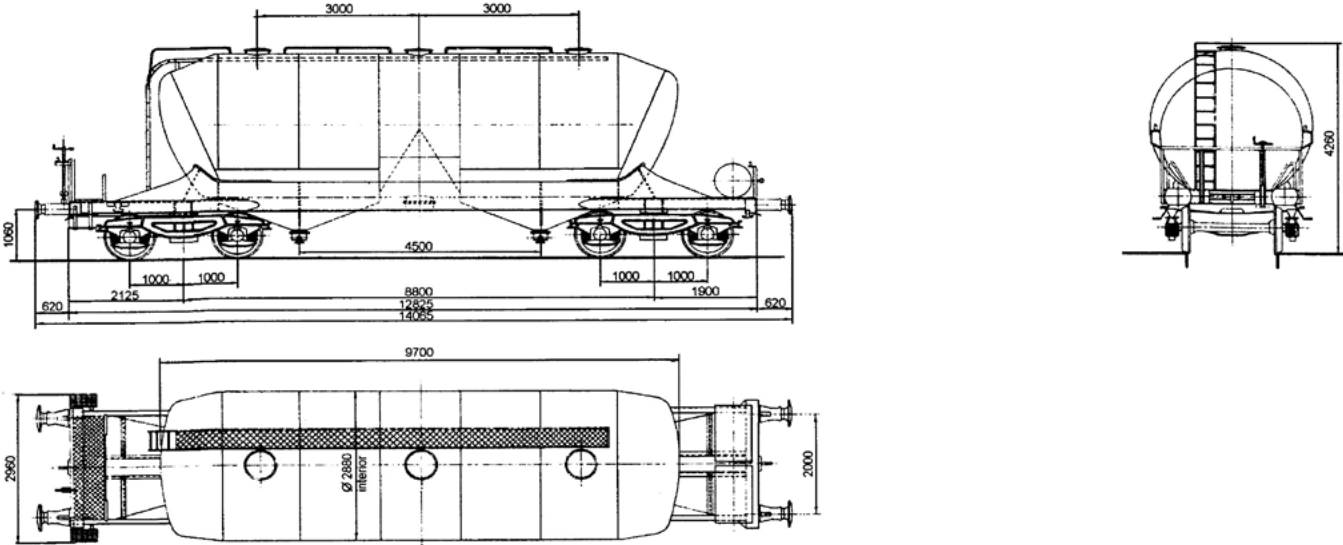
HI-CUBE		NOM. 119	HBBIKKS								
	International Traffic	Wagon numbers:									
		No handbrake Hbbikks 43 71 228 5 001-3 al 091-4		With handbrake Hbbikks 43 71 228 5 142-5 al 190-4							
	TECHNICAL SPECIFICATIONS										
	Tare: 15.700 kg		Loading height: 2,857 m								
	Payload: 24,3 t		Loading 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 m³									
Wheel-base: 9,000 m		Height from deck to rail: 1,189 m									
Loading volume: 115 m³											
Loading length: 14,236 m											
		<table><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
	A	B	C								
S	16,3 t	20,3 t	24,3 t								
											

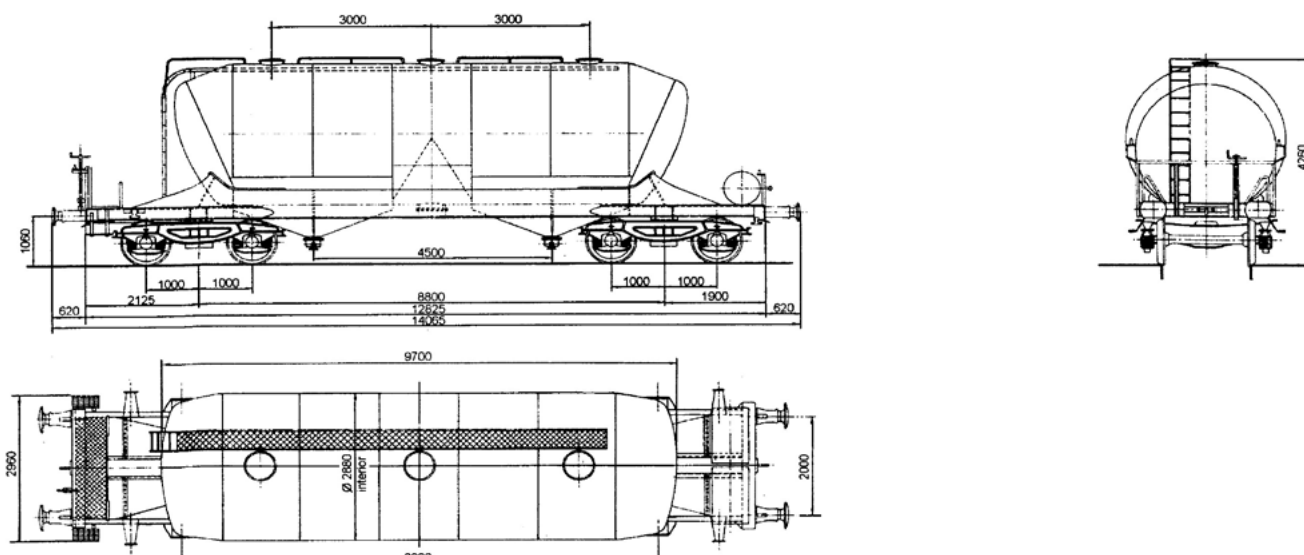
These wagons have gauge type B (according to EN 15273-2 is profile GB, bigger than G1). They can run in some railway lines in Spain, France and Germany. They can run in Portugal.

HI-CUBE +		NOM. 119A	HBBIKKS								
	International Traffic	Wagon numbers:									
		No handbrake Hbbikks 43 71 228 5 092-2 al 123-7	With handbrake Hbbikks 43 71 228 5 124-3 al 141-7								
	TECHNICAL SPECIFICATIONS										
	Tare: 15.700 kg										
	Payload: 24,3 t										
Maximum speed: 100 km/h		Loading height: 2,857 m									
Axle code: N00200 ó U00200		Loading height (height of door): 2,857 m									
Length over buffers: 15,500 m		Width side door: 7,048 m									
Wheel-base: 9,000 m		Loading width: 2,900 m									
Loading volume: 115 m ³		Loading surface: 41,3 m ²									
Loading length: 14,236 m		Height from deck to rail: 1,189 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
	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 m³									
	Tank length: 9,870 m									
		<table><tr><td></td><td>A o B</td><td>B2</td><td>C</td></tr><tr><td>S</td><td>41,1 t</td><td>49,9 t</td><td>57,9 t</td></tr></table>		A o B	B2	C	S	41,1 t	49,9 t	57,9 t
	A o B	B2	C							
S	41,1 t	49,9 t	57,9 t							
										

BULK TANK WAGON 55M ³		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														
		<table><tr><td></td><td>A</td><td>B1</td><td>B2</td><td>C</td></tr><tr><td>S</td><td>43 t</td><td>49,3 t</td><td>51 t</td><td>59 t</td></tr></table>				A	B1	B2	C	S	43 t	49,3 t	51 t	59 t
	A	B1	B2	C										
S	43 t	49,3 t	51 t	59 t										
														

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													
		<table><tr><td></td><td>A</td><td>B1</td><td>B2</td><td>C</td></tr><tr><td>S</td><td>47,7 t</td><td>50 t</td><td>51,7 t</td><td>59,7 t</td></tr></table>					A	B1	B2	C	S	47,7 t	50 t	51,7 t	59,7 t
	A	B1	B2	C											
S	47,7 t	50 t	51,7 t	59,7 t											
															

BULK TANK WAGON 55M ³		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 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											
		<table><tr><td></td><td>A</td><td>B1</td><td>B2</td><td>C</td></tr><tr><td>S</td><td>43,7 t</td><td>50,0 t</td><td>51,7 t</td><td>59,7 t</td></tr></table>			A	B1	B2	C	S	43,7 t	50,0 t	51,7 t	59,7 t
	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

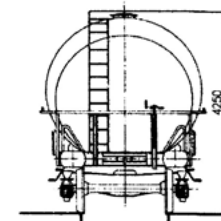
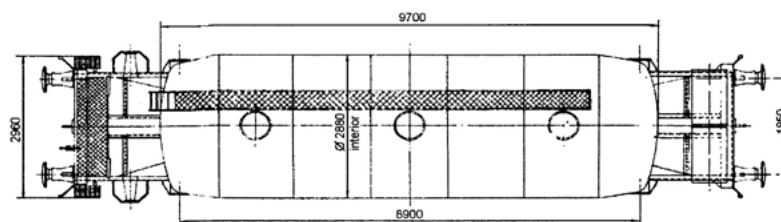
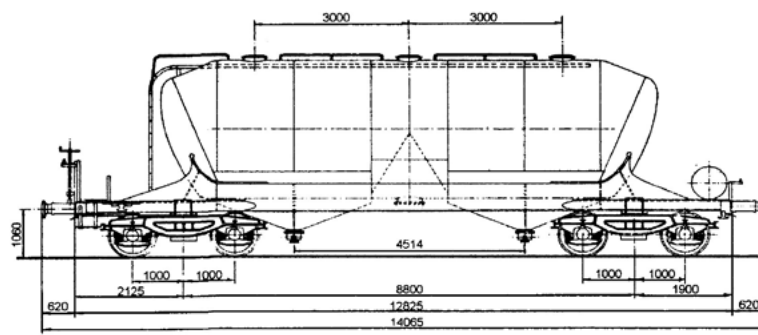
Length over buffers: 14,065 m

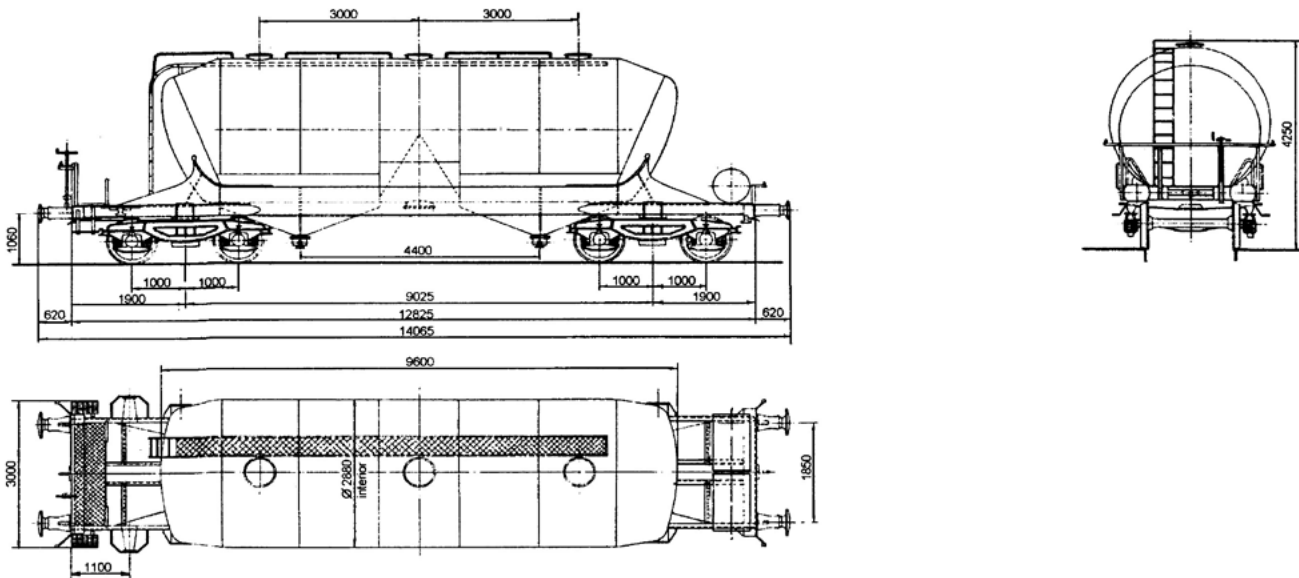
Wheel-base: 8,800 m

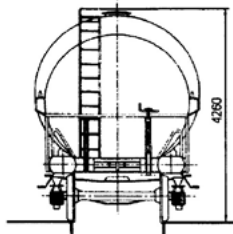
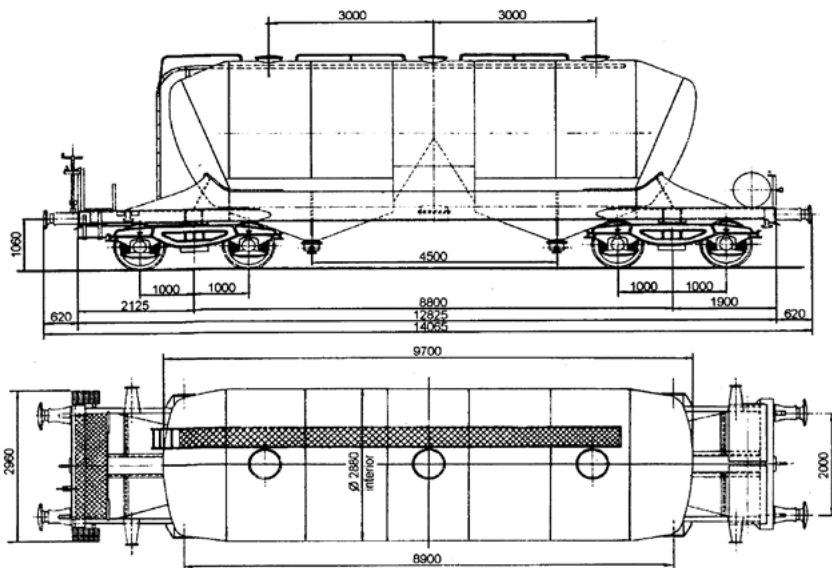
Tank length: 9,700 m

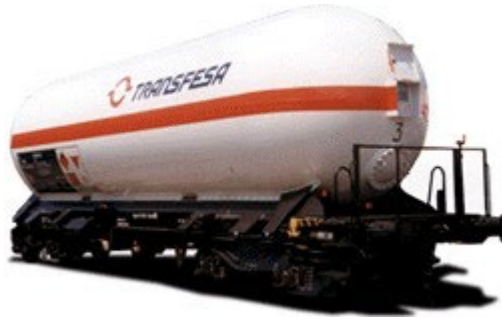
Maximum height: 4,250 m

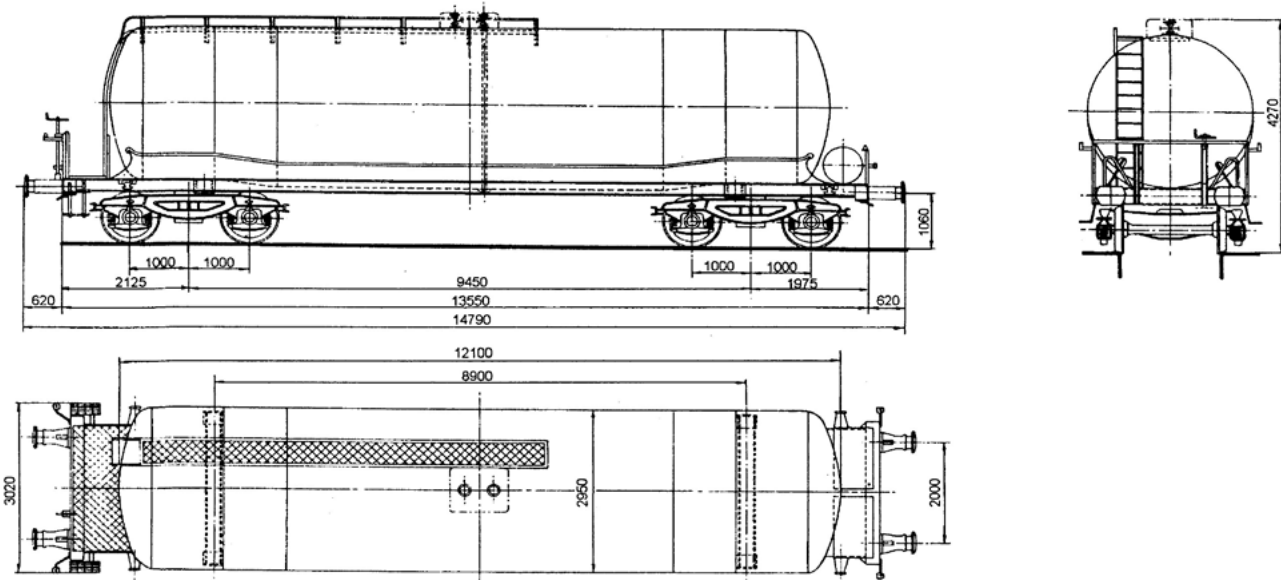
	A	B1	B2	C
S	43,9 t	50,2 t	51,9 t	59,9 t

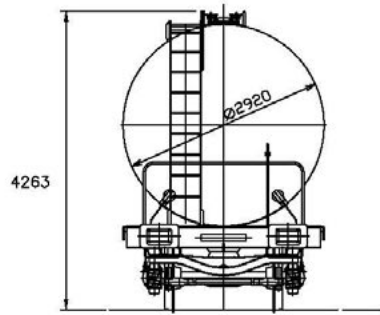
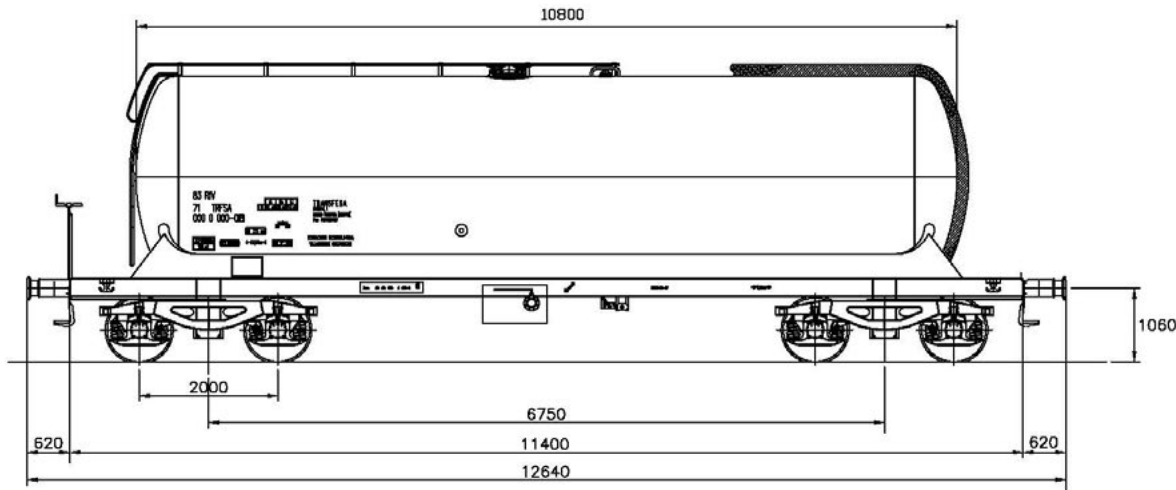


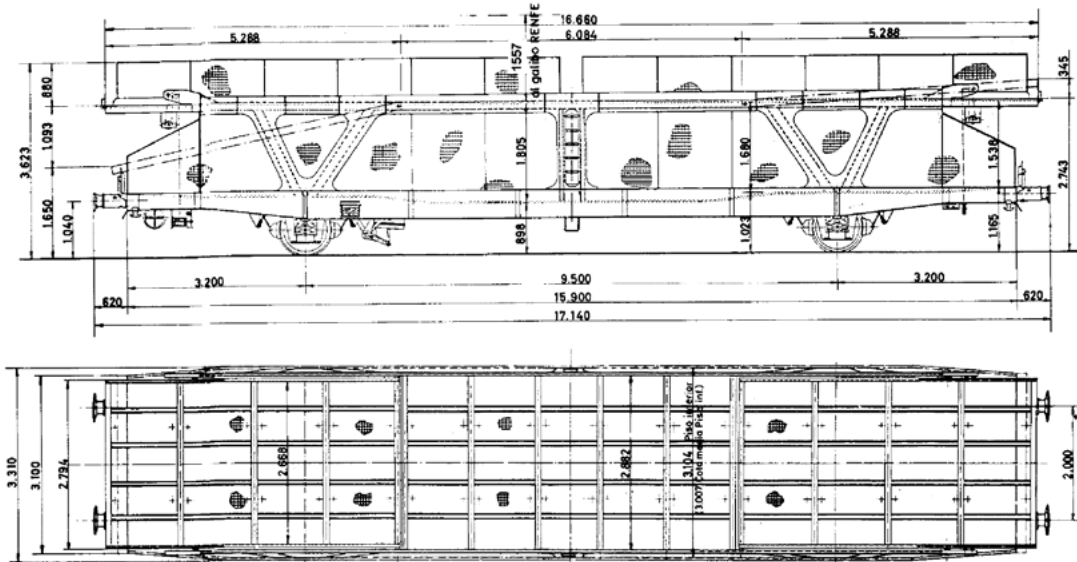
BULK TANK WAGON 55M³		NOM. 54E	UACS											
	Peninsular Traffic	Wagon numbers: Uacs 83 71 930 5 191-4 al 205-2												
		TECHNICAL SPECIFICATIONS												
		Tare: 20.200 kg	Load door dimensions: 0,450 m											
		Payload: 59,8 t	Loading volume: 55 m³											
		Maximum speed: 100 km/h												
		Axle code: N9220B												
		Length over buffers: 14,065 m												
		Wheel-base: 9,025 m												
		Tank length: 9,600 m												
		Maximum height: 4,250 m												
		<table><tr><td></td><td>A</td><td>B1</td><td>B2</td><td>C</td></tr><tr><td>S</td><td>43,8 t</td><td>50,1 t</td><td>51,8 t</td><td>59,8 t</td></tr></table>				A	B1	B2	C	S	43,8 t	50,1 t	51,8 t	59,8 t
	A	B1	B2	C										
S	43,8 t	50,1 t	51,8 t	59,8 t										
														

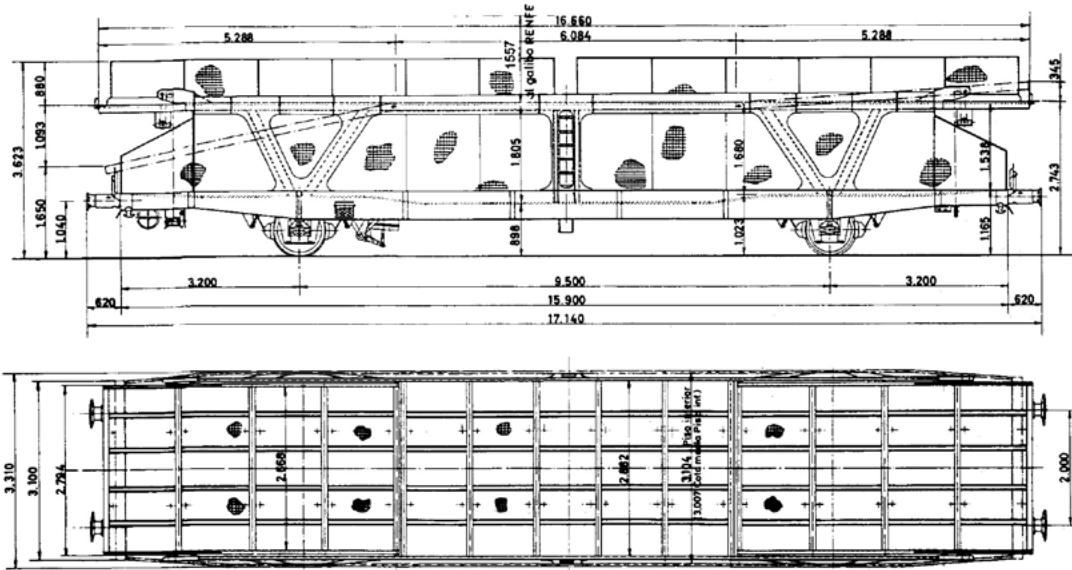
BULK TANK WAGON 55M ³		NOM. 54F	UACS											
	Peninsular Traffic	Wagon numbers: Uacs 83 71 930 5 108-8, 110-4 al 118-7 120-3 al 129-4												
		TECHNICAL SPECIFICATIONS												
		Tare: 20.500 kg		Load door dimensions: 0,450 m										
		Payload: 59,5 t		Loading volume: 55 m³										
		Maximum 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												
		<table><tr><td></td><td>A</td><td>B1</td><td>B2</td><td>C</td></tr><tr><td>S</td><td>43,5 t</td><td>49,8 t</td><td>51,5 t</td><td>59,5 t</td></tr></table>				A	B1	B2	C	S	43,5 t	49,8 t	51,5 t	59,5 t
	A	B1	B2	C										
S	43,5 t	49,8 t	51,5 t	59,5 t										
														

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 m³										
Tank length: 12,100 m										
		<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>S</td><td>42,7 t</td><td>50,7 t</td><td>58,7 t</td></tr></table>		A	B	C	S	42,7 t	50,7 t	58,7 t
	A	B	C							
S	42,7 t	50,7 t	58,7 t							



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 m³											
	Tank length: 10,800 m											
		<table><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
	A	B	C									
S	41 t	49 t	57 t									
												

CAR-CARRIER 2 DECKS 17M		NOM. 20A	LEKS								
	Peninsular Traffic	Wagon numbers: Leks 43 71 417 9 500-9 al 658-5									
	TECHNICAL SPECIFICATIONS										
	Tare: 17.000 kg		Loading length of lower deck: 16,180 m								
	Payload: 14,0 t		Maximum car height:*								
	Maximum speed: 100 km/h		• Upper deck: 1.557 mm								
	Axle code: S90200		• Lower deck: 1.630 mm								
	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><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.	
	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									
	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		• Upper deck: 1.557 mm								
Axle code: P90200		• Lower deck: 1.630 mm									
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><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>S</td><td>15,0 t</td><td colspan="2">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.	
	A	B	C								
S	15,0 t	19,0 t									
											

CAR-CARRIER 2 DECKS 26,5M

NOM. 62

LAEKS



**Peninsular
Traffic**

Wagon numbers:

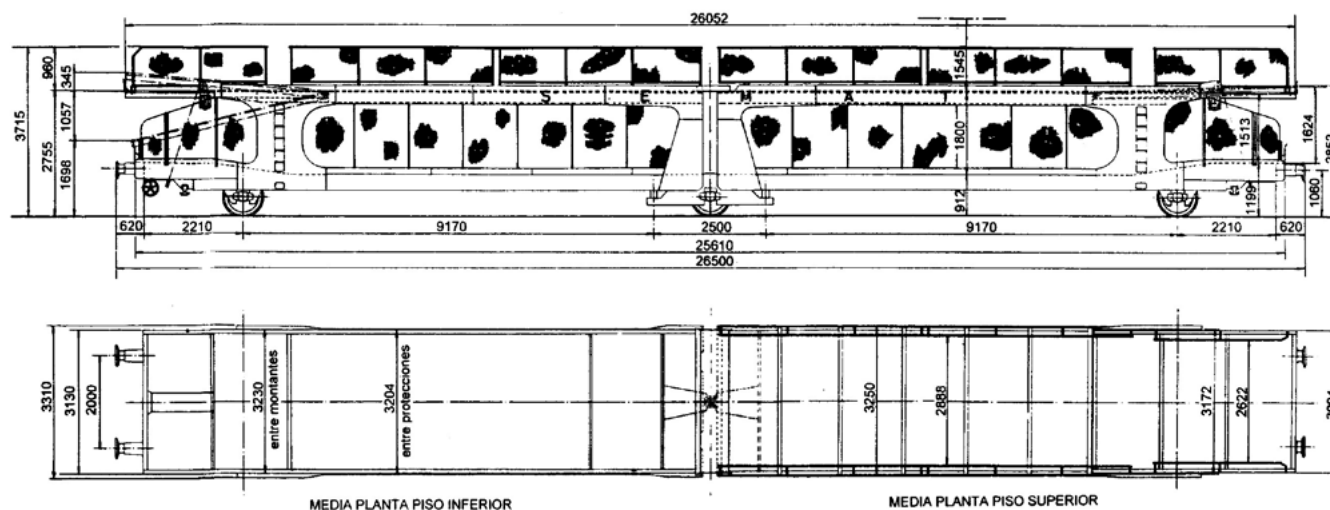
Laeks 43 71 427 0 000-8 al 148-5

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: 1.545 mm
Axle code: N90200	• Lower deck: 1.710mm
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.



CAR-CARRIER 2 DECKS 26,5M

NOM. 62A

LAEKS



**Peninsular
Traffic**

Wagon numbers:

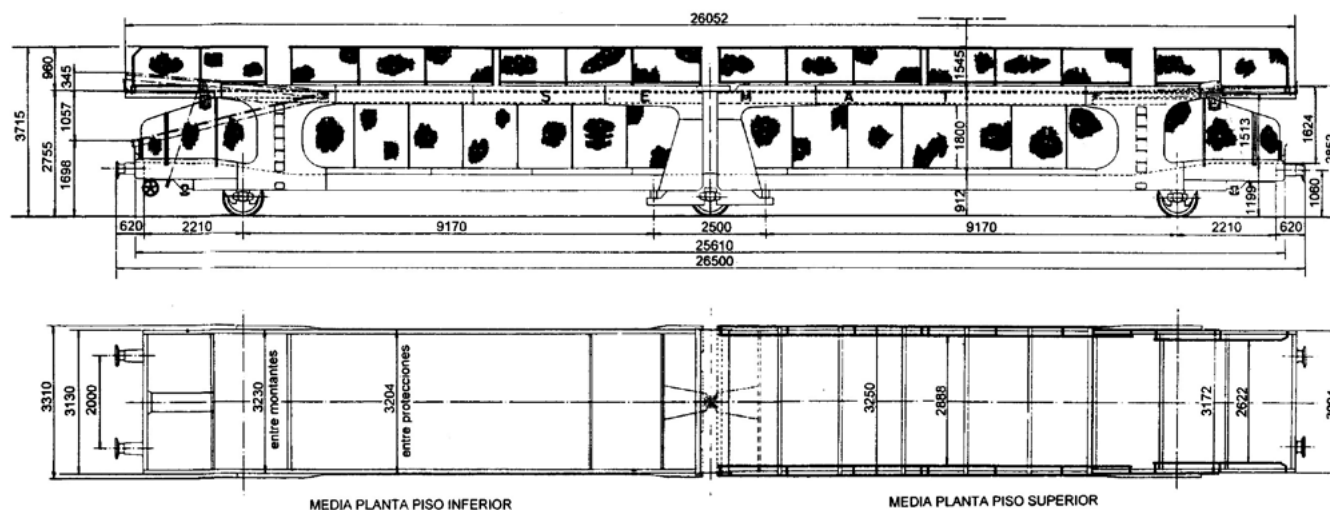
Laeks 43 71 427 0 149-3 al 223-6

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.



CAR-CARRIER 1 DECKS 26,5M

NOM. 65

LADKS



**Peninsular
Traffic**

Wagon numbers:

Ladks 43 71 421 9 000-2 al 073-9

TECHNICAL SPECIFICATIONS

Tare: 20.200 kg

Maximum car height: 3.383 mm

Payload: 15,5 t

Maximum speed: 100 km/h

Axle code: N90200

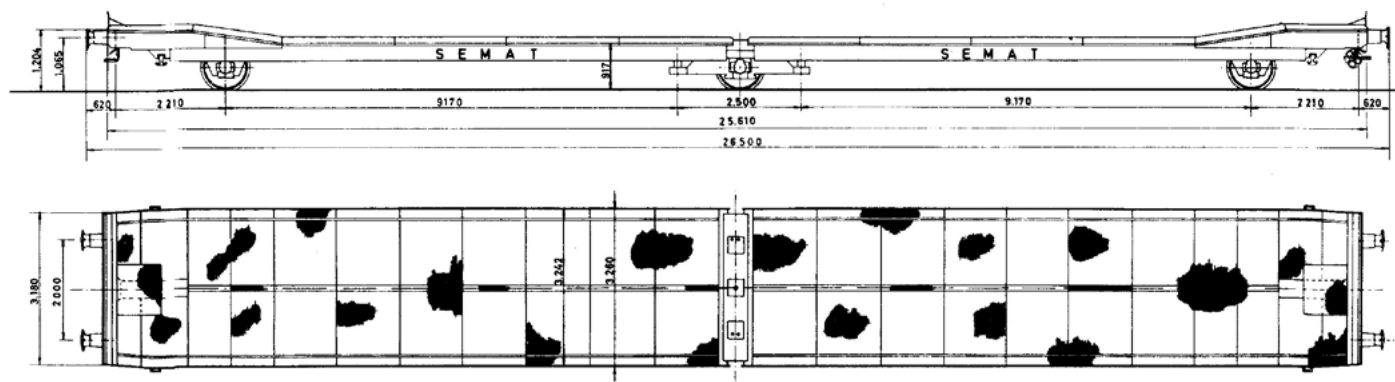
Length over buffers: 26,500 m

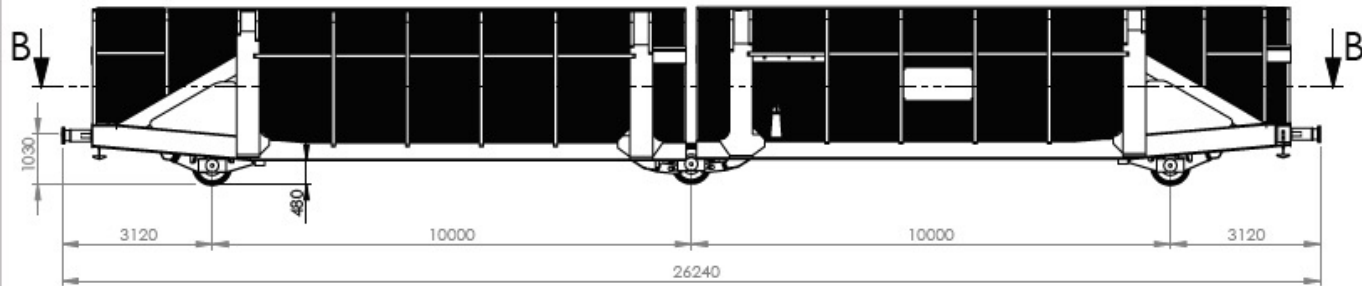
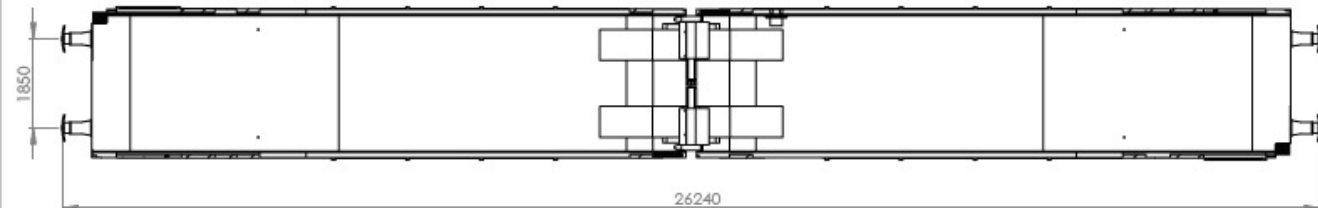
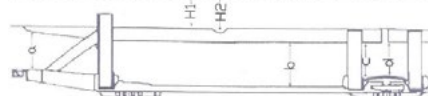
Wheel-base: 9,170 m

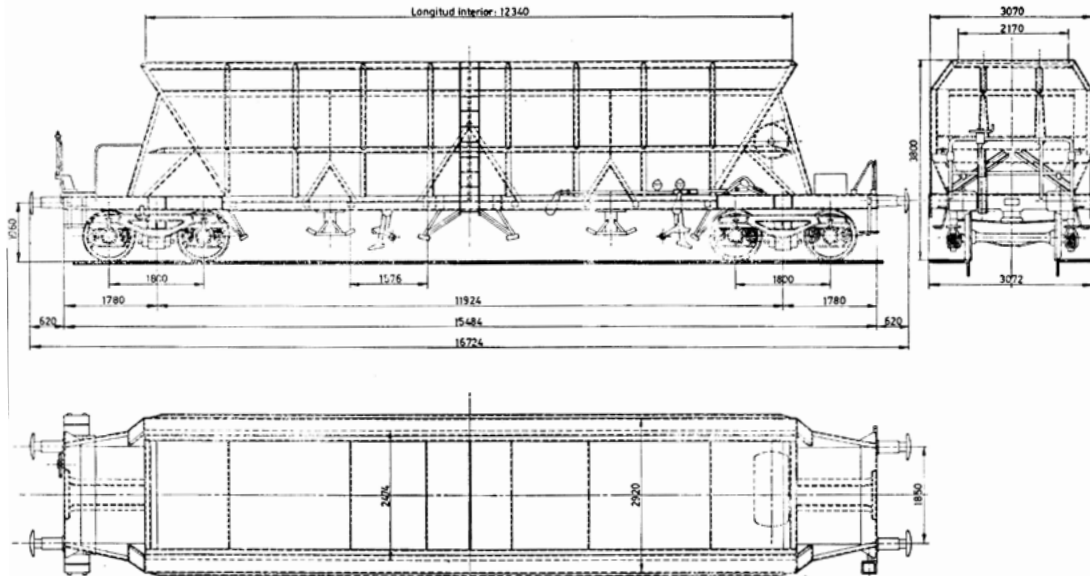
Height from lower deck to rail: 0,917÷1,204 m

Loading length: 25,610 m

	A	B	C
S	15,5 t		



CAR-CARRIER 2 DECKS 26,24M		NOM. 166	LAES																																																																																														
	Peninsular Traffic	Wagon numbers: Laes 45 71 425 6 103-6 al 300-8																																																																																															
	TECHNICAL SPECIFICATIONS																																																																																																
	Tare: 27.000 kg		Loading length of lower deck: 25,430 m																																																																																														
	Payload: 17,0 t		Maximum width of vehicle:*																																																																																														
	Maximum speed: 100 km/h		• upper deck *see below																																																																																														
	Axle code: P76180 y P7618C		• lower deck *see below																																																																																														
	Length over buffer: 26,240 m		(descontados 80 mm)																																																																																														
	Wheel-base: 10,00 m																																																																																																
	Height from lower deck to rail: 0,655±1,190 m																																																																																																
	Loading length of upper deck: 25,730 m																																																																																																
<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>S</td><td colspan="3">17</td></tr></table>			A	B	C	S	17			*Reference height which will be dependent on the individual characteristics of each car.																																																																																							
	A	B	C																																																																																														
S	17																																																																																																
 SECCIÓN B-B 																																																																																																	
SOPORTE MARRON <table><tr><th rowspan="2">POSICION</th><th colspan="4">Altura máxima de vehículo en piso inferior</th><th colspan="3">Altura máxima de vehículo en piso superior</th></tr><tr><th>a</th><th>b</th><th>c</th><th>d</th><th>H1</th><th>H2</th><th>Ancho máximo</th></tr><tr><td>1-1</td><td>1190</td><td>1705</td><td>1625</td><td>1560</td><td>1830</td><td>1880</td><td>voladizo centro</td></tr><tr><td>2-2</td><td>1430</td><td>1945</td><td>1865</td><td>1800</td><td>1590</td><td>1640</td><td></td></tr><tr><td>3-3</td><td>1530</td><td>2045</td><td>1965</td><td>1900</td><td>1490</td><td>1540</td><td>1360 1430</td></tr><tr><td>PISO SUPERIOR TOTALMENTE BAJADO.</td><td colspan="4"></td><td>2805</td><td>2895</td><td></td></tr></table> SOPORTE GRIS <table><tr><th rowspan="2">POSICION</th><th colspan="4">Altura máxima de vehículo en piso inferior.</th><th colspan="3">Altura máxima de vehículo en piso superior</th></tr><tr><th>a</th><th>b</th><th>c</th><th>d</th><th>H1</th><th>H2</th><th>Ancho máximo</th></tr><tr><td>1-1</td><td>1230</td><td>1745</td><td>1665</td><td>1600</td><td>1790</td><td>1840</td><td>voladizo centro</td></tr><tr><td>2-2</td><td>1470</td><td>1985</td><td>1905</td><td>1840</td><td>1550</td><td>1600</td><td></td></tr><tr><td>3-3</td><td>1570</td><td>2085</td><td>2005</td><td>1940</td><td>1450</td><td>1500</td><td>1360 1430</td></tr><tr><td>PISO SUPERIOR TOTALMENTE BAJADO.</td><td colspan="4"></td><td>2805</td><td>2895</td><td></td></tr></table>				POSICION	Altura máxima de vehículo en piso inferior				Altura máxima de vehículo en piso superior			a	b	c	d	H1	H2	Ancho máximo	1-1	1190	1705	1625	1560	1830	1880	voladizo centro	2-2	1430	1945	1865	1800	1590	1640		3-3	1530	2045	1965	1900	1490	1540	1360 1430	PISO SUPERIOR TOTALMENTE BAJADO.					2805	2895		POSICION	Altura máxima de vehículo en piso inferior.				Altura máxima de vehículo en piso superior			a	b	c	d	H1	H2	Ancho máximo	1-1	1230	1745	1665	1600	1790	1840	voladizo centro	2-2	1470	1985	1905	1840	1550	1600		3-3	1570	2085	2005	1940	1450	1500	1360 1430	PISO SUPERIOR TOTALMENTE BAJADO.					2805	2895	
POSICION	Altura máxima de vehículo en piso inferior				Altura máxima de vehículo en piso superior																																																																																												
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1-1	1190	1705	1625	1560	1830	1880	voladizo centro																																																																																										
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PISO SUPERIOR TOTALMENTE BAJADO.					2805	2895																																																																																											

COAL HOPPER WAGON		NOM. 90S	FAOOS												
	International Traffic	Wagon numbers:													
		With platform operated handbrake: Faos 83 71 662 6 080-7 al 093-0		No platform operated handbrake *: Faos 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 m³														
Hopper length: 12,340 m															
		<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>S</td><td>41,5 t</td><td>49,5 t</td><td>57,5 t</td></tr><tr><td>S*</td><td>41,7 t</td><td>49,7 t</td><td>57,7 t</td></tr></table>			A	B	C	S	41,5 t	49,5 t	57,5 t	S*	41,7 t	49,7 t	57,7 t
	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 -10									
	Axle code: N9220B		*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><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
	A	B	C									
S	41,6 t	49,6 t	57,6 t									
