

# GÖKRAIL



# PRODUCT CATALOG

- Freight wagons
- Bogies
- Spare parts

# GÖKRAIL

Gökrail is a forward-thinking manufacturer of freight wagons and bogies, serving a global customer base across more than 10 countries. Trusted by over 30 clients, Gökrail combines high-quality engineering, custom design capabilities, and reliable manufacturing to support the logistics of tomorrow. Since 2008, the company has been producing freight wagons in compliance with TSI and UIC standards.

With advanced manufacturing technologies and a skilled engineering team, Gökrail designs and produces a broad range of wagons—from open and covered freight cars to specialized tankers and intermodal carriers. Our commitment to precision, safety, and durability ensures long-term value for both public and private sector partners.

We continue to expand our reach, investing in new technologies and tailored solutions to meet the evolving demands of global logistics.





# In-house Production Facility;

Located in Sivas, Türkiye, GökRail's production facility is one of the region's most advanced freight wagon manufacturing plants, operating with nearly 800 qualified staff and a production capacity of over 1,500 wagons per year.

Our plant includes fully integrated sections for:

- Wagon body assembly
- Bogie production
- Surface treatment and paint booths
- CNC machining and welding stations
- Brake, drawgear, and underframe component fitting

We hold certifications and full compliance with:

- **TSI** (Technical Specification for Interoperability)
- **UIC** (International Union of Railways)
- **EN** 15085, ISO 9001, ISO 14001, ISO 45001, 3834-2

# Wagons

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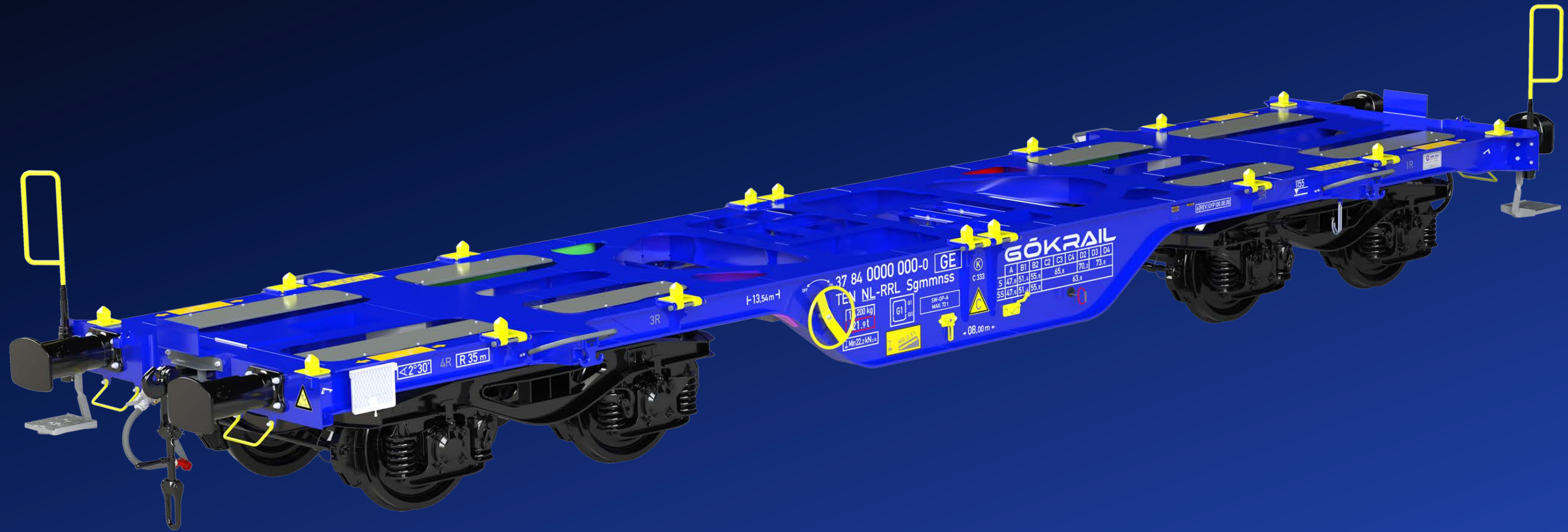
# *TSI & ERA* Registered Wagons

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Fully compliant with TSI requirements and officially registered for operation within the European railway network.

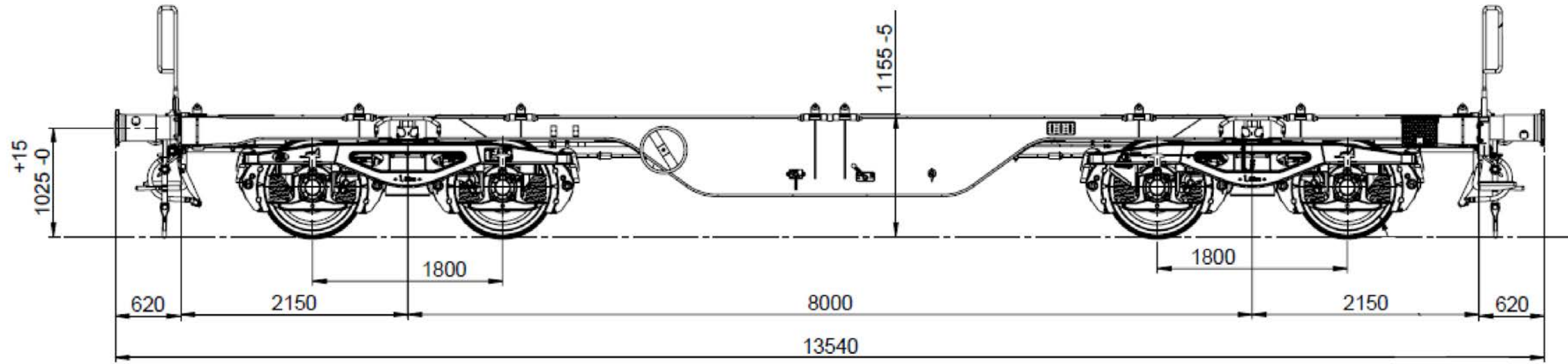
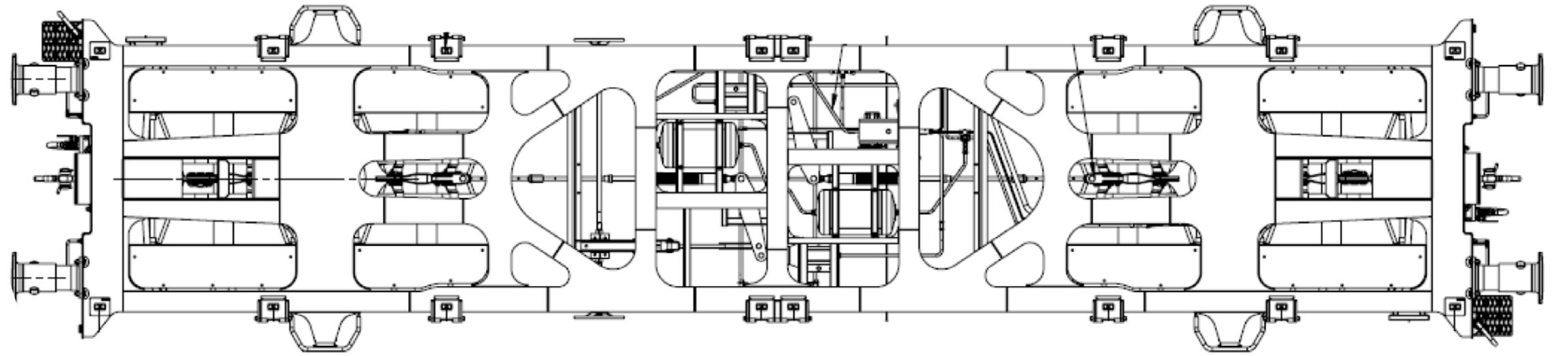
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# Sgmmns(s) 40'



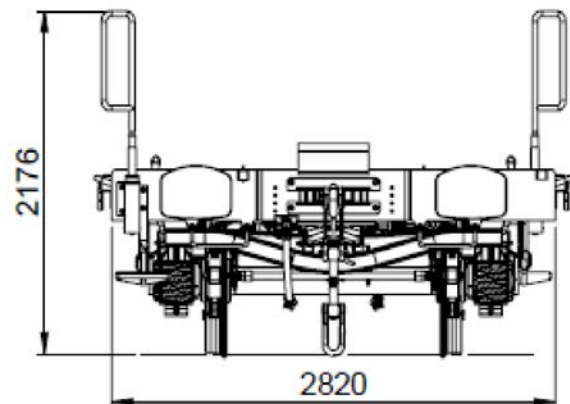
## Technical specifications;

- ◆ The Sgmmns 40' flat wagon is designed for the efficient and secure transportation of intermodal containers and swap bodies. Versions of the wagon are available with both “SS” and “S” braking systems.



YÜKLEME TABLOSU  
LOADING TABLE

	A	B1	B2	C2	C3	C4	D2	D3	D4
S	47,8	51,4	55,8		65,8		70,2		73,8
SS	47,8	51,4	55,8			63,8			



**YÜKLEME KAPASİTESİ (Vagon yarısı için)**  
LOADING CAPACITY (Half wagon)

Simetrik ve asimetrik yük konfigürasyonlarında 2438 mm genişliğe sahip 20", 30" ve 40" ISO konteynerler ve Swap Body'ler için uygundur.

Suitable for carrying - 20", 30" and 40" ISO containers and - Swap bodies with a width of 2438 mm. in symmetrical and asymmetrical load configurations

**GÖKRAIL**

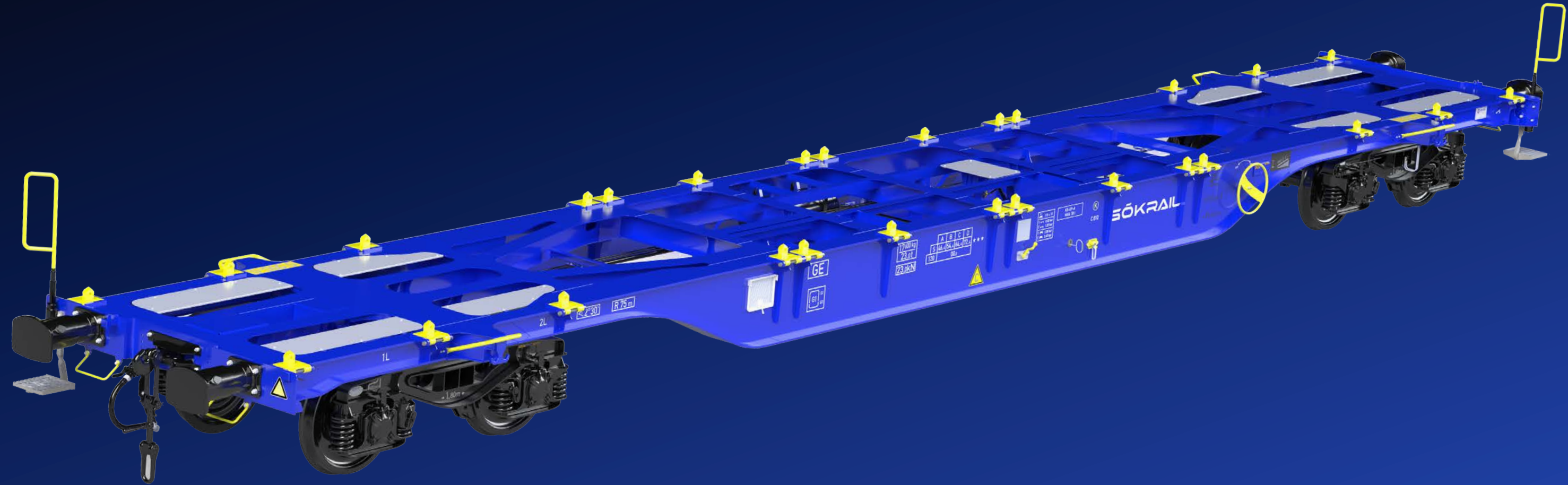
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Sgmmnss 40' Vagon Karakteristiği  
Sgmmnss 40' Wagon Characteristics

<b>DARA</b> Tare	<b>Vagon Tipi</b> Wagon Type	<b>Sgmmnss 40'</b>
	<b>WABTEC MZT Fren sistemi ile</b> With the KNORR Brake System	<b>≈16,2 t</b>
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	<b>Yüklü vagon ağırlığı</b> With the Mass of loaded wagon	<b>90 t</b>
	<b>Boji Tipi</b> Bogie Type	<b>Y25Ls(s)1-K</b>
	<b>Dingil Yüğü</b> Axle Load	<b>22 500 Kg</b>
	<b>Ray Açıklığı</b> Railway Clearance	<b>1 435 mm</b>
	<b>Tekerlek Tipi ve Çapı</b> Wheelset Type and Dia.	<b>Monoblok / Ø920</b>
	<b>Dingil Eksenleri Arası</b> Distance Between axes	<b>1 800 mm</b>
<b>TAMPON</b> Buffer	<b>Tampon</b> Buffer	According to UIC 526-1 EN 15551+A1
	<b>Tampon Tipi</b> Buffer Type	<b>Category A</b>
	<b>Tampon Siası</b> Buffer Stroke	<b>105 mm</b>

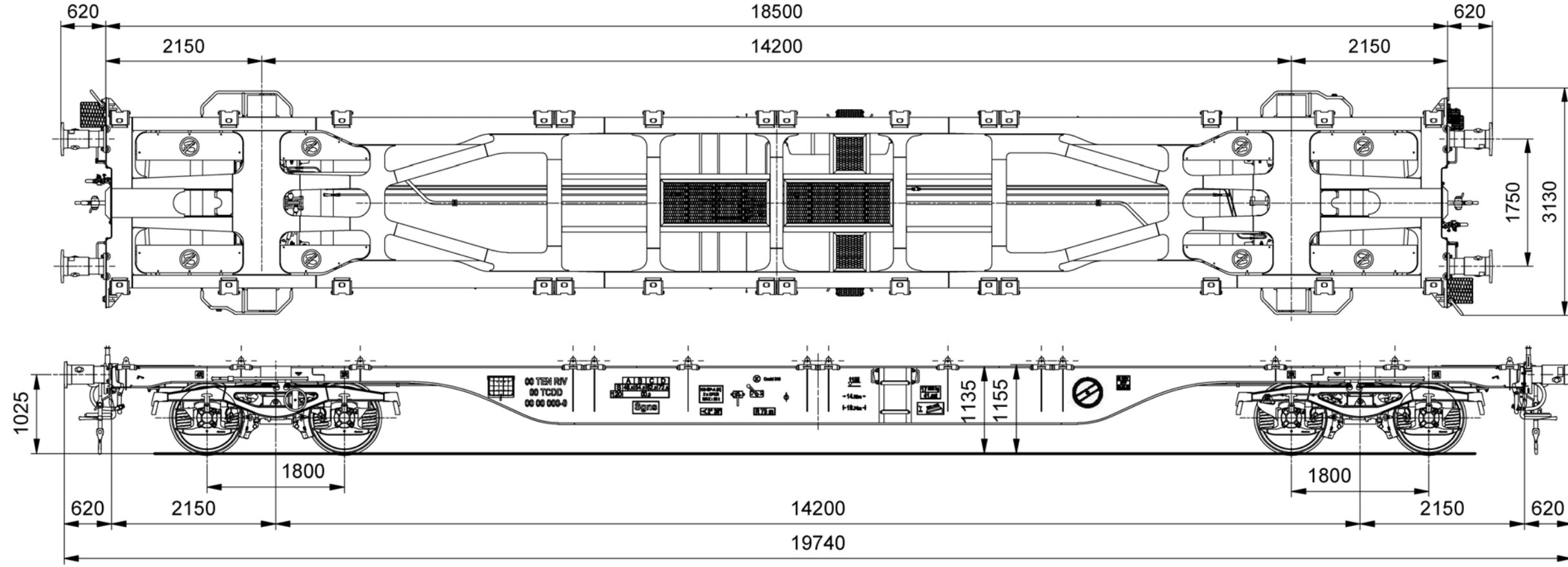
<b>CER</b> Drawgear	<b>Cer Tertibatı Tipi</b> Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası</b> Coupler Hook	According to UIC 520 1500 kN
	<b>Koşum Takımı</b> Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	<b>Fren Tipi</b> Brake Type	Wabtec- SW4s/ 'ss' /Conv.
	<b>Sabo Tipi</b> Brake Shoes Type	C333
	<b>EI Fren</b> Park Brake	Boji Üzerinde Integrated Bogie
	<b>Boş Vagonun Max. Hızı</b> Max. Speed of Empty Wagon	<b>120 km/h</b>
	<b>Yüklü Vagonun Max. Hızı (22,5 t /20 t )</b> Max. Speed of Loaded Wagon(22,5t/20t)	<b>100 km/h/120km/h</b>
<b>DİĞER ÖZELLİKLER</b> Other Features	<b>Kurp Yarıçapı</b> Curve Radius	<b>75 m</b>
	<b>Yükleme Yüksekliği</b> Loading Height	<b>1 155 mm</b>
	<b>Güvenlik Pimi Sayısı</b> Number of ct. Spigots	<b>16</b>

# Sgns(s) 60'



## *Technical specifications;*

◆ The **Sgns 60' flat wagon** is a 4-axle intermodal freight wagon designed for the efficient transportation of ISO containers and swap bodies. Versions of the wagon are available with both “SS” and “S” braking systems.



<b>DARA</b> Tare	Vagon Tipi Wagon Type	<b>Sgns 60'</b>
<b>DARA</b> Tare	KNORR Fren sistemi ile With the KNORR Brake System	≈17 600 Kg
	WABTEC MZT Fren sistemi ile With the WABTEC MZT Brake System	≈17 300 Kg
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Boji Tipi Bogie Type	<b>Y25 Lsdi(f)-KC1</b>
	Dingil Yüklü Axle Load	<b>22 500 Kg</b>
	Ray Açıklığı Railway Clearance	<b>1 435 mm</b>
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	<b>Monoblok / Ø920</b>
	Dingil Eksenleri Arası Distance Between axes	<b>1 800 mm</b>
<b>TAMPON</b> Buffer	Tampon Buffer	According to EN 15551+A1 with polymer pads
	Tampon Tipi Buffer Type	<b>Category A</b>
	Tampon Siası Buffer Stroke	<b>105 mm</b>

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to EN 15566 with polymer pads
	Çekme Kancası Coupler Hook	According to EN 15566 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	<b>IBB 10 and CFCB brake systems</b>
	Sabo Tipi Brake Shoes Type	<b>Cosid 810/ 1xBgu</b>
	Ei Fren Park Brake	<b>Boji Üzerinde Integrated Bogie</b>
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	<b>120 km/h</b>
	Yüklü Vagonun Max. Hızı Max. Speed of Loaded Wagon	<b>100 km/h</b>
<b>DİĞER</b> Other Features	Kurp Yarıçapı Curve Radius	<b>75 m</b>
	Yükleme Yüksekliği Loading Height	<b>1 155 mm</b>
	Güvenlik Pimi Sayısı Number of ct. Spigots	<b>28</b>

<b>DARA</b> Tare	Vagon Tipi Wagon Type	<b>Sgnss 60'</b>
<b>DARA</b> Tare	KNORR veya Wabtec Fren sistemi ile With KNORR or Wabtec Brake System	≈18,6 t
	Yüklü vagon ağırlığı Mass of loaded wagon	<b>90 t</b>
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Boji Tipi Bogie Type	<b>Y25Ls(s)1-K</b>
	Dingil Yüklü Axle Load	<b>22 500 Kg</b>
	Ray Açıklığı Railway Clearance	<b>1 435 mm</b>
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	<b>Monoblok / Ø920</b>
	Dingil Eksenleri Arası Distance Between axes	<b>1 800 mm</b>
<b>TAMPON</b> Buffer	Tampon Buffer	According to UIC 526-1 Category A
	Tampon Tipi Buffer Type	<b>Category A</b>
	Tampon Siası Buffer Stroke	<b>105 mm</b>

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	<b>'ss' /Conventional</b>
	Sabo Tipi Brake Shoes Type	<b>C333</b>
	Ei Fren Park Brake	<b>Vagon Üzerinde On the wagon</b>
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	<b>120 km/h</b>
	Yüklü Vagonun Max. Hızı (22,5 t /20 t ) Max. Speed of Loaded Wagon(22,5t/20t)	<b>100 km/h/120km/h</b>
<b>DİĞER</b> Other Features	Kurp Yarıçapı Curve Radius	<b>75 m</b>
	Yükleme Yüksekliği Loading Height	<b>1 155 mm</b>
	Güvenlik Pimi Sayısı Number of ct. Spigots	<b>28</b>

#### YÜKLEME KAPASİTESİ (Vagon yarısı için) LOADING CAPACITY (Half wagon)

Simetrik ve asimetrik yük konfigürasyonlarında  
10', 20', 30', 40' ve 45' konteynerleri ve swap  
body konteyner taşımak için uygundur

Suitable for carrying 10', 20', 30', 40' and 45'  
containers and swap bodies in symmetrical and  
asymmetrical load configurations

#### YÜKLEME TABLOSU LOADING TABLE

17,6 ton daraya göre  
(According to 17,6 tonnes tare)

	A	B	C	D
S	46,4	54,4	64,4	72,4
120			00,0	

#### YÜKLEME TABLOSU LOADING TABLE

17,3 ton daraya göre  
(According to 17,3 tonnes tare)

	B	C	AD
S	46,7	54,7	64,7 72,7
120			00,0

#### YÜKLEME KAPASİTESİ (Vagon yarısı için) LOADING CAPACITY (Half wagon)

Simetrik ve asimetrik yük konfigürasyonlarında  
20', 30' ve 40' konteynerleri ve swap body  
konteyner taşımak için uygundur

Suitable for carrying 20', 30' and 40'  
containers and swap bodies in symmetrical and asymmetrical  
load configurations

#### YÜKLEME TABLOSU LOADING TABLE

19 ton daraya göre  
(According to 19 tonnes tare)

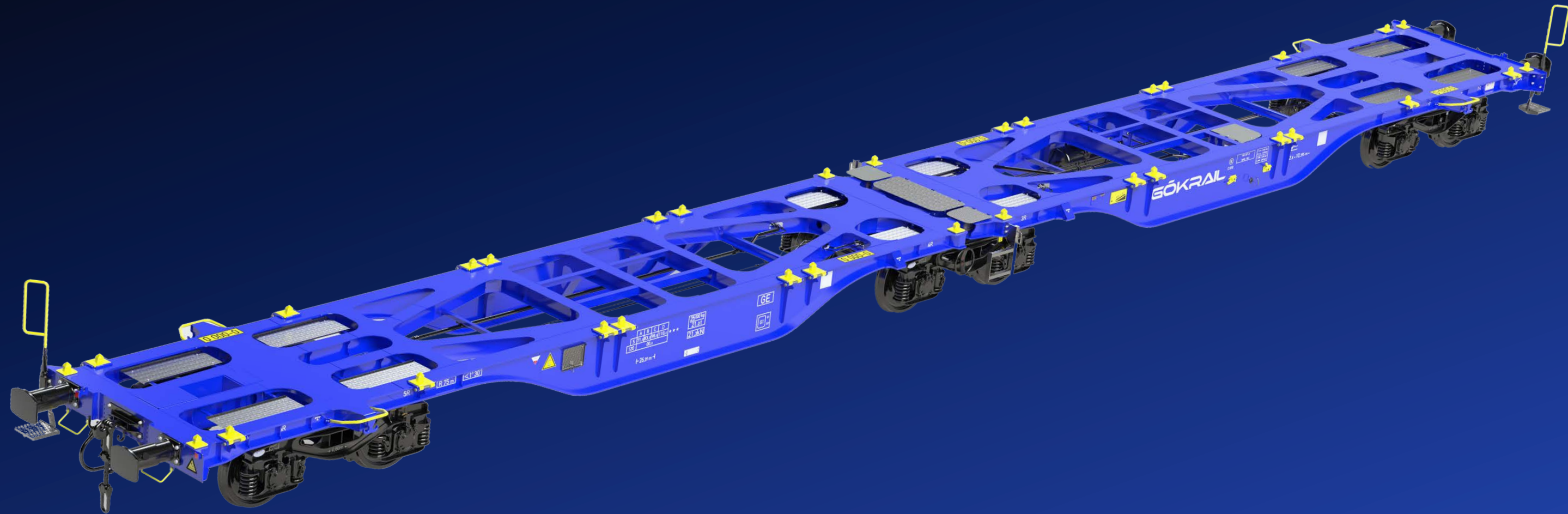
	A	B	C	D
S	45,4	53,4	63,4	71,4
SS	45,4	53,4	61,4	

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Sgns 60' Vagon Karakteristiği  
Sgns 60' Wagon Characteristics

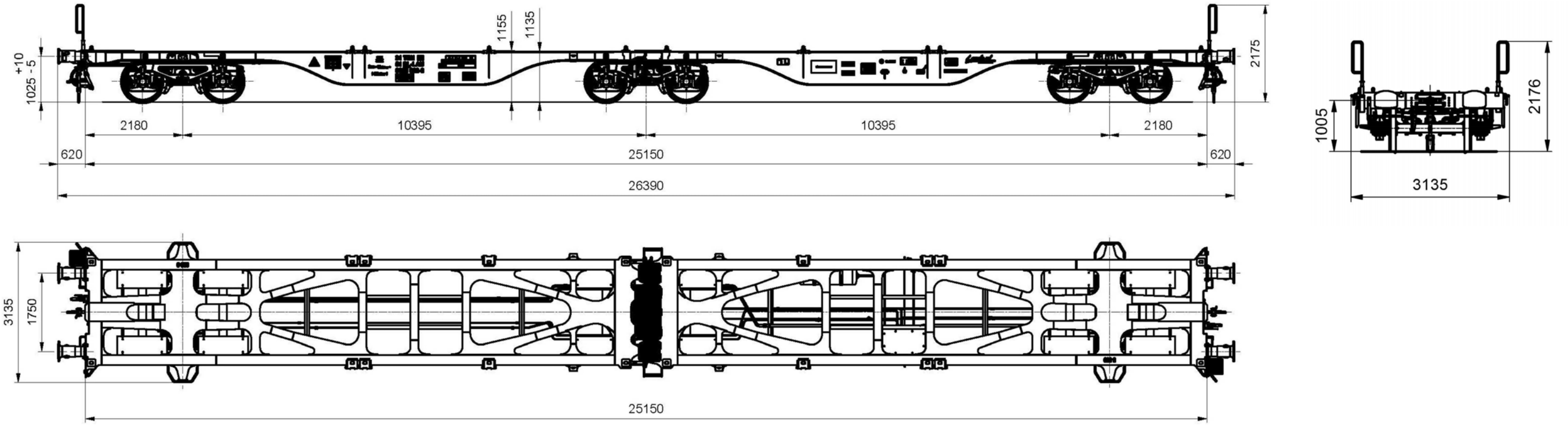
# Sggrs(s) 80'



## *Technical specifications;*

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- ◆ Ideal for operators seeking maximum flexibility in container logistics, **the Sggrss 80'** offers high-capacity transport for international intermodal corridors, with universal container compatibility and an optimized tare-to-payload ratio. Versions of the wagon are available with both “SS” and “S” braking systems.



	Vagon Tipi Wagon Type	<b>Sggrs 80'</b>
	DARA TARE	≈ 25 t
	YÜKLEME KAPASİTESİ Payload	<b>110 t</b>
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Boji Tipi Bogie Type	Y25Lsd(f) - KC1 H Tipi / H Type
	Dingil Yüğü Axle Load	<b>22.5 t</b>
	Ray Açıklığı Railway Clearance	<b>1 435 mm</b>
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	<b>Ø920</b>
	Dingil Eksenleri Arası Distance Between axes	<b>1 800 mm</b>
<b>TAMPON</b> Buffer	Tampon Buffer	According to UIC 526-1 EN 15551+A1
	Tampon Tipi Buffer Type	<b>Category A</b>
	Tampon Siası Buffer Stroke	<b>105 mm</b>

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	<b>MH-GP-A-3x IBB 10</b>
	Sabo Tipi Brake Shoes Type	K Tipi Kompozit Cosid 810 K Type Composite Cosit 810
	Eİ Fren Park Fren	Boji üzerinde On the bogie
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	<b>120 km/h</b>
	Yüklü Vagonun Max. Hızı Max. Speed of Loaded Wagon	<b>100 km/h</b>
<b>DİĞER</b> ÖZELLİKLER Other Features	Kurp Yarıçapı Curve Radius	<b>75 m</b>
	Yükleme Yüksekliği Loading Height	<b>1 155 mm</b>
	Güvenlik Pimi Sayısı Number of ct. Spigots	<b>20</b>

	Vagon Tipi Wagon Type	<b>Sggrss 80'</b>
	DARA Tare	WABTEC MZT Fren sistemi ile With the WABTEC MZT Brake System
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Boji Tipi Bogie Type	Y25Ls(s)1-K - 2xBgu Y25Ls(s)d1-K - 2xBg
	Dingil Yüğü Axle Load	<b>22 500 Kg</b>
	Ray Açıklığı Railway Clearance	<b>1 435 mm</b>
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	<b>Monoblok / Ø920</b>
	Dingil Eksenleri Arası Distance Between axes	<b>1 800 mm</b>
<b>TAMPON</b> Buffer	Tampon Buffer	According to UIC 526-1 EN 15551+A1
	Tampon Tipi Buffer Type	<b>Category A</b>
	Tampon Siası Buffer Stroke	<b>105 mm</b>

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	<b>SW-GP-A / SS</b>
	Sabo Tipi Brake Shoes Type	<b>Jurid816M - C333</b>
	Eİ Fren Park Brake	Vagon Üzerinde Wagon mounted
	20 t dingil yükünde Max. Hızı Max. speed at an axle load 20 t	<b>120 km/h</b>
	22.5 t dingil yükünde Max. Hızı Max. speed at an axle load 22.5 t	<b>100 km/h</b>
<b>DİĞER</b> ÖZELLİKLER Other Features	Kurp Yarıçapı Curve Radius	<b>75 m</b>
	Yükleme Yüksekliği Loading Height	<b>1 155 mm</b>
	Güvenlik Pimi Sayısı Number of ct. Spigots	<b>28</b>

**YÜKLEME KAPASİTESİ (Vagon yarısı için)**  
LOADING CAPACITY (Half wagon)

Simetrik ve asimetrik yük konfigürasyonlarında  
20', 30' ve 40' konteynerleri ve swap body  
konteyner taşımak için uygundur

Suitable for carrying 20', 30' and 40' containers  
and swap bodies in symmetrical and asymmetrical  
load configurations

**YÜKLEME TABLOSU**  
LOADING TABLE

	A	B	C	D
S	71	83	98	110
120	0,00			

**YÜKLEME KAPASİTESİ (Vagon yarısı için)**  
LOADING CAPACITY (Half wagon)

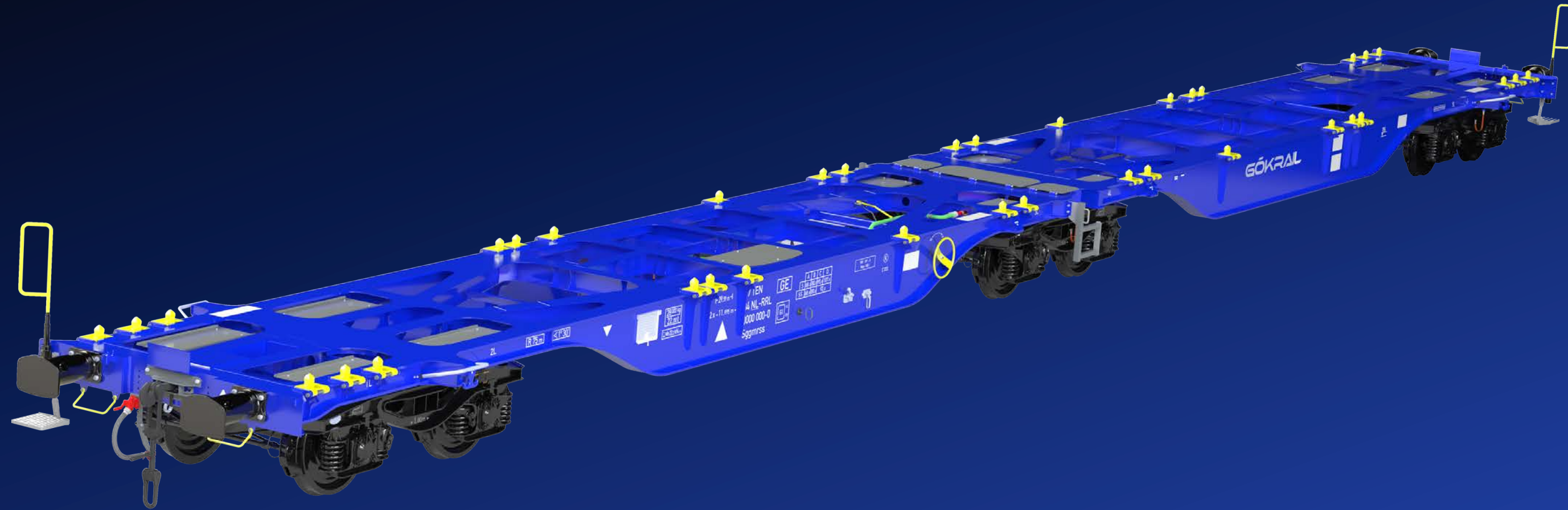
Simetrik ve asimetrik yük konfigürasyonlarında  
20', 30', 40' konteynerleri ve swap body  
konteyner taşımak için uygundur

Suitable for carrying 20', 30', 40' containers  
and swap bodies in symmetrical and  
asymmetrical load configurations

**YÜKLEME TABLOSU**  
LOADING TABLE

	A	B	C	D
s	69	81	96	108
ss	69	81	93	

# Sggmrs 90'



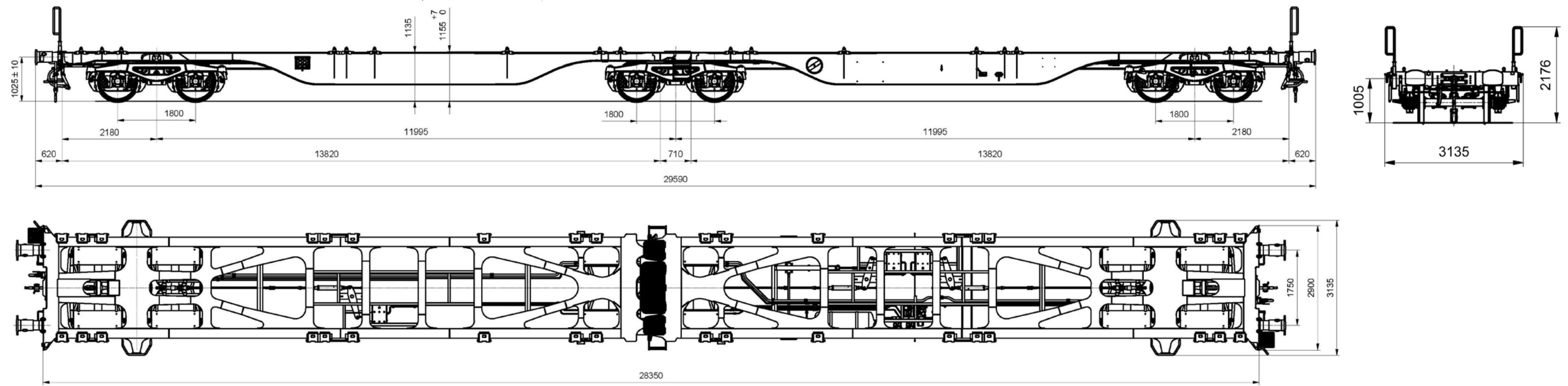
## *Technical specifications;*

◆ **The Sggmrs 90'** is a high-capacity, double-pocket intermodal wagon designed to transport two 45' containers or various combinations of swap bodies and tank containers with maximum efficiency.

Versions of the wagon are available with both “SS” and “S” braking systems.

◆ With its lightweight steel construction and optimized bogie design, the Sggmrs offers excellent load distribution and reduced tare weight—providing fuel savings and faster turnaround times for rail operators.

◆ Whether you're moving consumer goods, chemicals, or palletized cargo, the Sggmrs 90' delivers proven performance where speed, flexibility, and load optimization matter most.



<b>DARA</b> Tare	Vagon Tipi Wagon Type	Sggmrs 90'
	Boş Vagon Empty Wagon	≈ 26,3 t
	Dolu Vagon Full Loaded	135 t
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Boji Tipi Bogie Type	Y25Lsd(f) - KC1 H Tipi / H Type
	Dingil Yüğü Axle Load	22 500 Kg
	Ray Açıklığı Railway Clearance	1 435 mm
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	Monoblok / Ø920
	Dingil Eksenleri Arası Distance Between axes	1 800 mm
<b>TAMPON</b> Buffer	Tampon Buffer	According to UIC 526-1 EN 15551+A1 Category A
	Tampon Tipi Buffer Type	Category A
	Tampon Siası Buffer Stroke	105 mm

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	MH-GP-A-3x IBB 10 KE-GP-A (K) , CFCB
	Sabo Tipi Brake Shoes Type	K Tipi Kompozit Cosid 810 K Type Composite Cosit 810
	El Fren Park Brake	Boji Üzerinde Integrated Bogie
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	120 km/h
	Yüklü Vagonun Max. Hızı Max. Speed of Loaded Wagon	100 km/h
<b>DİĞER</b> ÖZELLİKLER Other Features	Kurp Yarıçapı Curve Radius	75 m
	Yükleme Yüksekliği Loading Height	1 155 mm
	Güvenlik Pimi Sayısı Number of ct. Spigots	24

<b>DARA</b> Tare	Vagon Tipi Wagon Type	Sggmrss 90'
	WABTEC MZT Fren sistemi ile With the WABTEC MZT Brake System	≈ 28.000 Kg
	Boji Tipi Bogie Type	Y25Ls(s)1-K - 2xBgu Y25Ls(s)d1-K - 2xBg
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Dingil Yüğü Axle Load	22 500 Kg
	Ray Açıklığı Railway Clearance	1 435 mm
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	Monoblok / Ø920
	Dingil Eksenleri Arası Distance Between axes	1 800 mm
	Tampon Buffer	According to UIC 526-1 EN 15551+A1
<b>TAMPON</b> Buffer	Tampon Tipi Buffer Type	Category A
	Tampon Siası Buffer Stroke	105 mm

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	SW-GP-A / SS
	Sabo Tipi Brake Shoes Type	Jurid816M / C333
	El Fren Park Brake	Vagon Üzerinde Wagon mounted
	20 t dingil yükünde Max. Hızı Max. speed at an axle load 20 t	120 km/h
	22.5 t dingil yükünde Max. Hızı Max. speed at an axle load 22.5 t	100 km/h
<b>DİĞER</b> ÖZELLİKLER Other Features	Kurp Yarıçapı Curve Radius	75 m
	Yükleme Yüksekliği Loading Height	1 155 mm
	Güvenlik Pimi Sayısı Number of ct. Spigots	36

**YÜKLEME KAPASİTESİ (Vagon yarısı için)**  
LOADING CAPACITY (Half wagon)

Simetrik ve asimetrik yük konfigürasyonlarında  
20', 30', 40' ve 45'konteynerleri ve swap body  
konteyner taşımak için uygundur

Suitable for carrying 20', 30', 40' and 45'  
containers and swap bodies in symmetrical and  
asymmetrical load configurations

**YÜKLEME TABLOSU**  
LOADING TABLE

	A	B	C	D
S	69,7	81,7	69,7	108,7
120	00,0			

**YÜKLEME KAPASİTESİ (Vagon yarısı için)**  
LOADING CAPACITY (Half wagon)

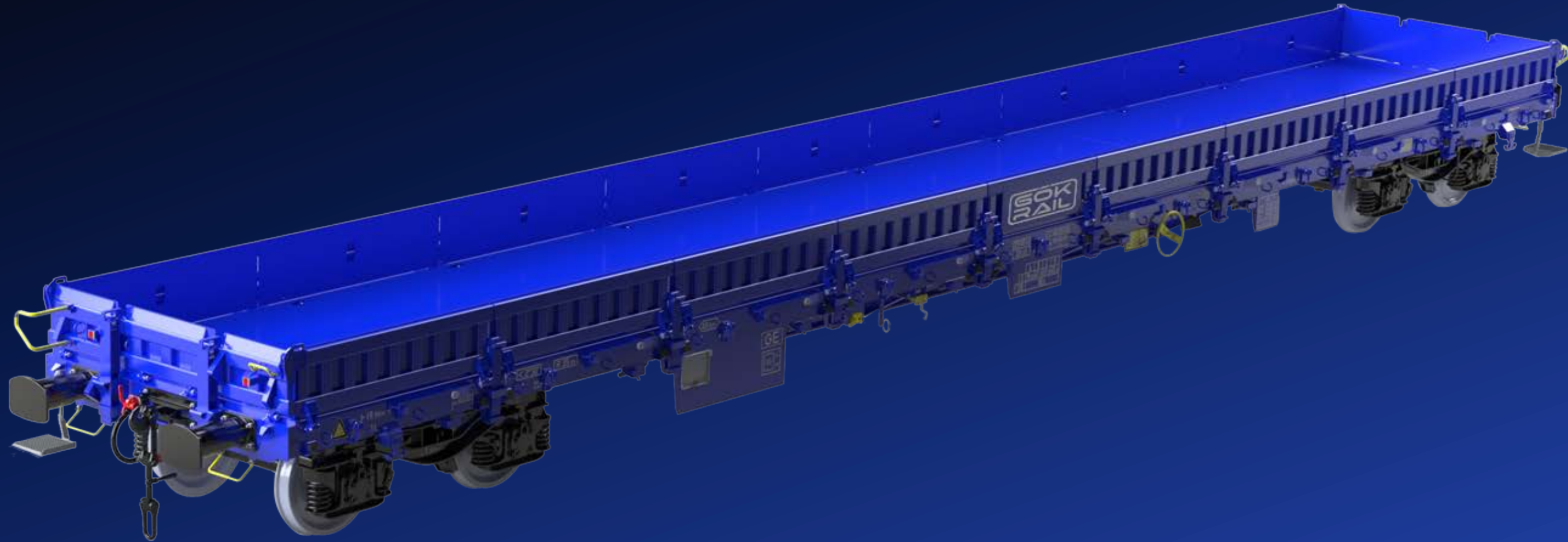
Simetrik ve asimetrik yük konfigürasyonlarında  
20', 30', 40' ve 45'konteynerleri ve swap body  
konteyner taşımak için uygundur

Suitable for carrying 20', 30', 40' and 45'  
containers and swap bodies in symmetrical and  
asymmetrical load configurations

**YÜKLEME TABLOSU**  
LOADING TABLE

	A	B	C	D
S	68	80	95	107
SS	68	80	92	

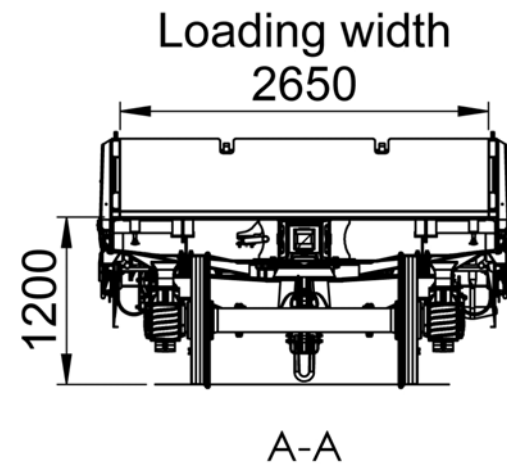
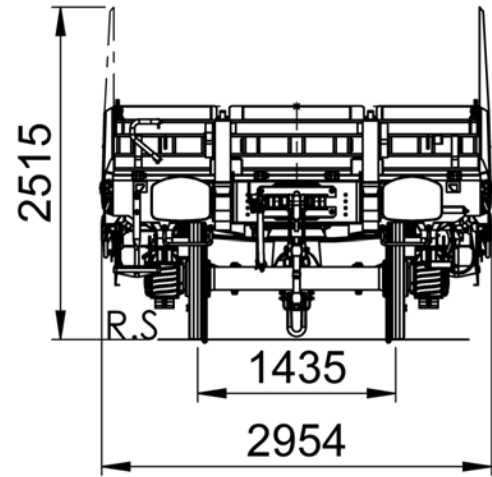
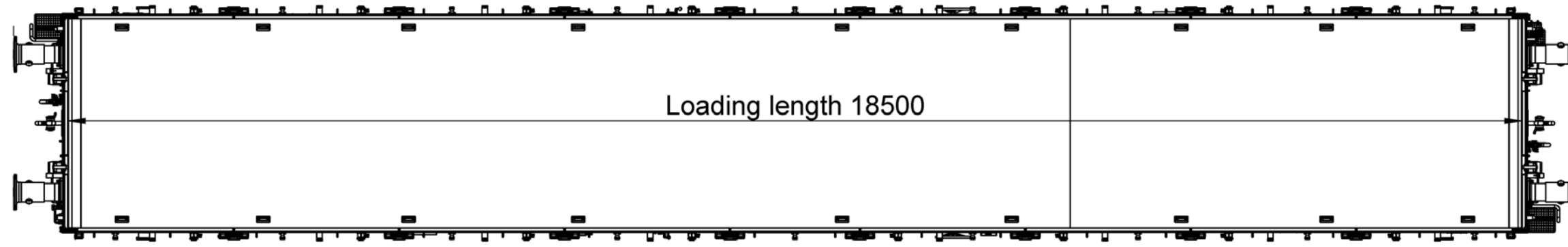
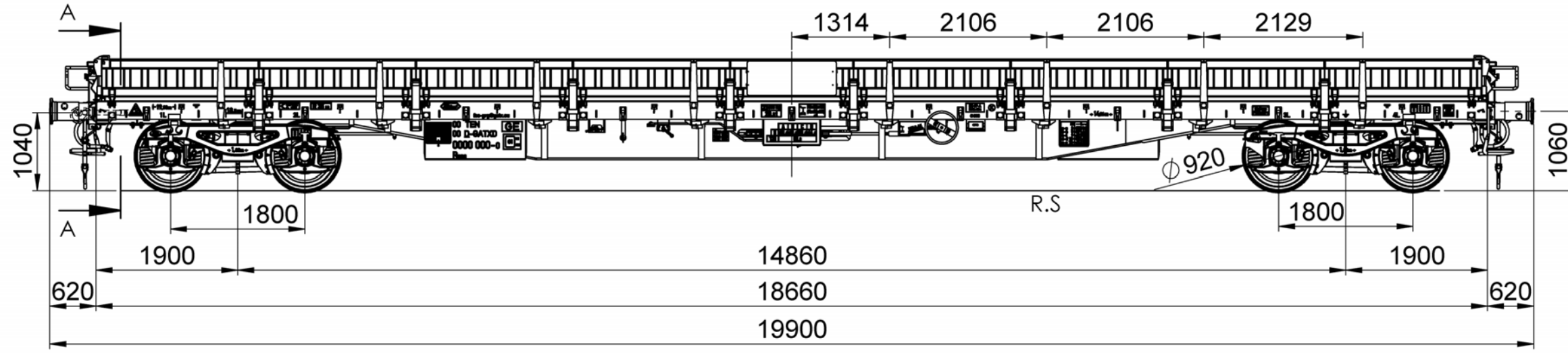
# Rens



## *Technical specifications;*

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- ◆ Equipped with sliding roof or side panels (depending on model), the wagon allows easy top or side loading via crane or forklift. Its design ensures balanced axle loads, enabling efficient operation on mainlines at speeds up to 120 km/h, fully compliant with **UIC**, **EN**, and **TSI-WAG** standards. Rens wagons are available with either a steel or wooden floor option.



	A	B	C	D
S	40,4	48,4	58,4	66,4
120	00,0			

YÜKLEME TABLOSU  
LOADING TABLE

	m	t	
a-a	2	35	36
b-b	5	39	44
c-c	9	42	52
d-d	15	52	66
e-e	18	66	28

	Vagon Tipi / Wagon Type	Rens
Yükleme Parametresi Loading parameter	Dara Tare	≈ 23,6t ( Calculated with RI028 wheelset )
	Yükleme Kapasitesi Loading Capacity	≈ 66,4 t
	Yükleme Alanı Loading Area	≈ 49 m <sup>2</sup>
	Yükleme Uzunluğu/ Loading Length Yükleme Genişliği/ Loading With Zemin (boş)/ Height of floor (empty)	≈18.500 mm ≈ 2.650 mm ≈ 1.200 mm
BOJİ / Bogie	Boji Tipi / Bogie Type	Y25 Ls-K, H-frame
	Dingil Yüğü / Axle Load	22.5 t
TAMPON Buffer	Tampon Buffer	According to UIC 526-1EN 15551+A1
	Tampon Tipi Buffer Type	Category A (105 mm stroke )

CER Drawgear	Cer Tertibatı Tipi Drewgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
FREN SİSTEMİ Brake System	Fren Tipi Brake Type	KE-GP-A(K) / 's' / Push Brake DK-GP-A(K) / 's' / Push Brake
	Sabo Tipi Brake Shoes Type	C810
	El Fren Parking Brake	Vagon üzerinde Integrated on the wagon
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	120 km/h
	Yüklü Vagonun Max. Hızı ( 22.5 t ) Max. Speed of Loaded Wagon(22,5 t )	100 km/h
DİĞER ÖZELLİKLER Other Features	Kurp Yarıçapı ( Tekli Vagon ) Curve Radius	35 m
	Kurp Yarıçapı ( Vagon Seti ) Curve Radius ( Wagon Set )	150 m
	Otomatik Kuplor Automatic Coupling	Prepared for Automatic Coupling acc. UIC 530-1

**Equipment:**

- 8 mm steel floor or 45 mm wood floor
- 18 foldable side flaps, each with lashing eyes
- 2 foldable front flaps, each with 4 lashing eyes
- 16 turnable stanchions
- 18 lashing eyes and 9 hooks on each side

**GÖKRAIL**

Rens Vagon Karakteristiği  
Rens Wagon Characteristics  
GR-160.00.00.00

# Eamnos 57.35 m<sup>3</sup>

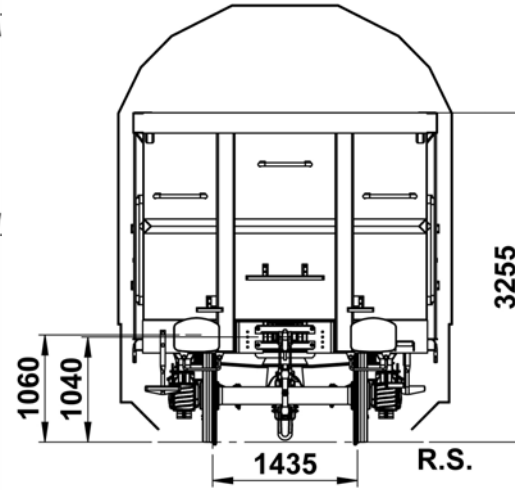
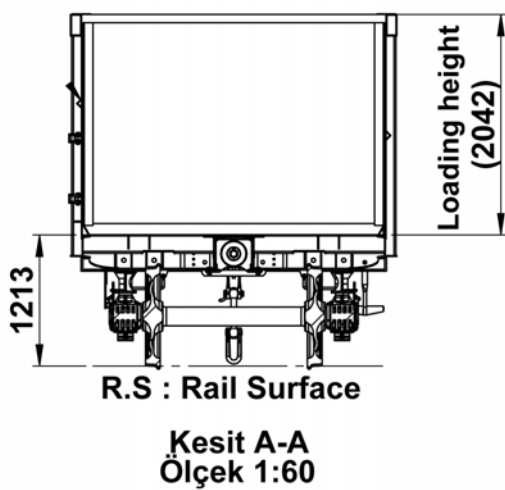
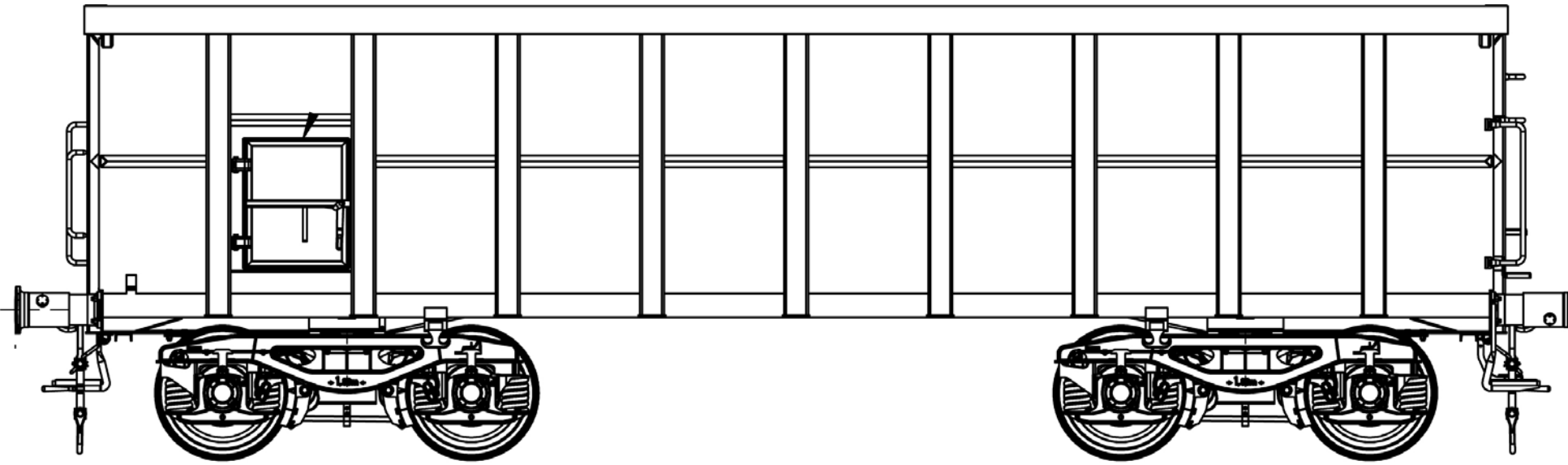
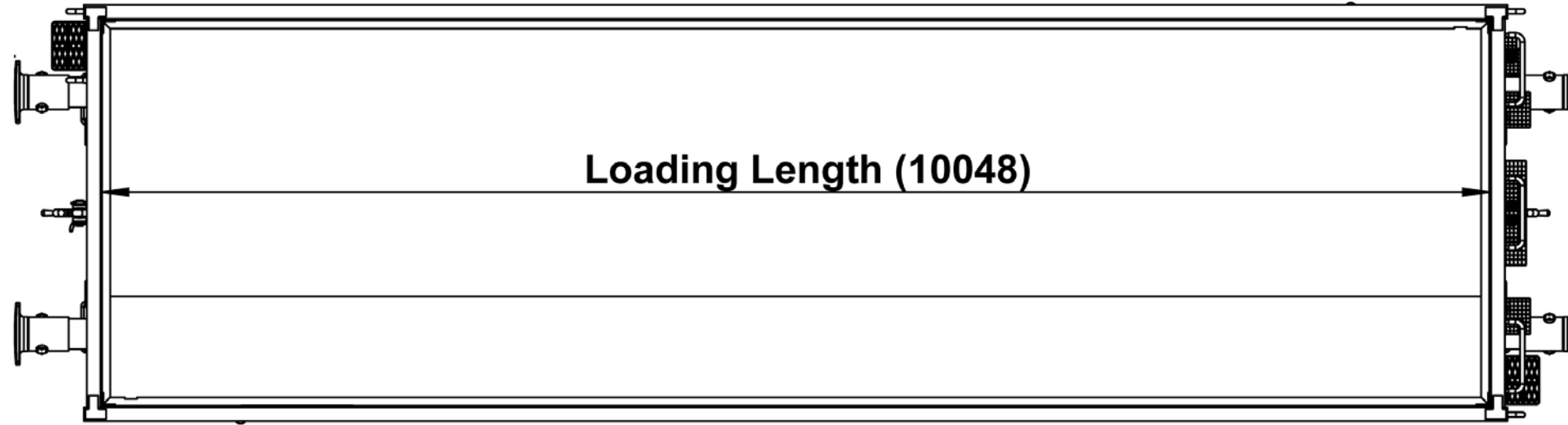


## *Technical specifications;*

◆ **The Eamnos 57.35 m<sup>3</sup>** is a high-capacity open box freight wagon designed for the transport of bulk and general-purpose cargo, including scrap metal, construction materials, wood, and heavy goods.

◆ With its reinforced welded steel structure and high-volume box body, it offers durability, ease of loading, and compatibility with both manual and mechanical loading/unloading operations.

◆ It is fully compliant with TSI, UIC, and EN standards, allowing operations at up to 120 km/h and supporting efficient high-volume freight movement.



	A	B1	B2	C2	C3	C4	D2	D3	D4
S	37,3	52,9	53,3	62,9	52,9	62,1	70,9		
120	00,0								

### YÜKLEME TABLOSU LOADING TABLE

Lightweight design by using steel of high strength properties  
 -floor made from 8 mm steel with Re min = 850 MPa  
 -posts of front and side walls are made of steel with Re min = 500 MPa  
 -sheets are made of 6 mm steel with Re min = 650 MPa  
 -main assemblies of underframe like headstocks, solebars and crosswise beam are made of steel with Re min = 355 to 500 MPa

**GÖKRAIL**

Eamos Vagon Karakteristiği  
 Eamos Wagon Characteristics  
 GR-130.00.00.00A-KP

	<b>Vagon Tipi / Wagon Type</b>	<b>Eamos</b>
<b>Yükleme Parametresi Loading parameter</b>	<b>Dara Tare</b>	≈ 19.1t ( Calculated with RI028 wheelset )
	<b>Yükleme Kapasitesi Loading Capacity</b>	≈ 70.9 t
	<b>Yükleme Alanı Loading Area</b>	≈ 28.13 m <sup>2</sup>
	<b>Yükleme Hacmi Loading Volume</b>	≈ 57.35 m <sup>3</sup>
<b>BOJİ / Bogie</b>	<b>Boji Tipi / Bogie Type</b>	Y25 Ls-K, H-frame
	<b>Dingil Yüğü / Axle Load</b>	22.5 t
<b>TAMPON Buffer</b>	<b>Tampon Buffer</b>	According to UIC 526-1EN 15551+A1
	<b>Tampon Tipi Buffer Type</b>	Category A (105 mm stroke )

<b>CER Drawgear</b>	<b>Cer Tertibatı Tipi Drewgear Type</b>	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası Coupler Hook</b>	According to UIC 520 1500 kN
	<b>Koşum Takımı Screw Coupler</b>	According to UIC 520 1350 kN
<b>FREN SİSTEMİ Brake System</b>	<b>Fren Tipi Brake Type</b>	Standard Push Brake from Knorr
	<b>Sabo Tipi Brake Shoes Type</b>	K Tipi Kompozit C810 K Type Composite C810
	<b>Eİ Fren Parking Brake</b>	Boji üzerinde Integrated on the bogie
	<b>Boş Vagonun Max. Hızı Max. Speed of Empty Wagon</b>	120 km/h
	<b>Yüklü Vagonun Max. Hızı ( 22.5 t ) Max. Speed of Loaded Wagon(22,5 t )</b>	100 km/h
<b>DİĞER ÖZELLİKLER Other Features</b>	<b>Kurp Yarıçapı ( Tekli Vagon ) Curve Radius</b>	35 m
	<b>Kurp Yarıçapı ( Vagon Seti ) Curve Radius ( Wagon Set )</b>	150 m
	<b>Otomatik Kuplör Automatic Coupling</b>	Prepared for Automatic Coupling acc. UIC 530-1

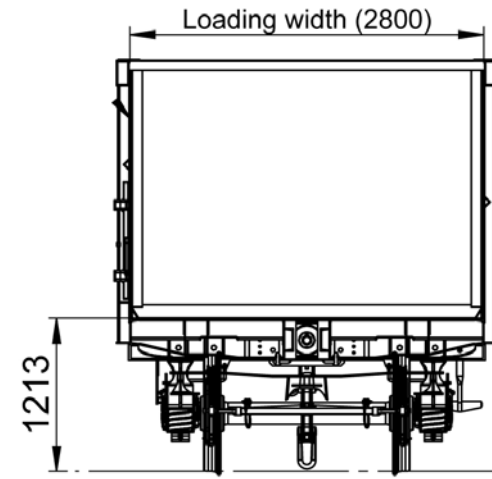
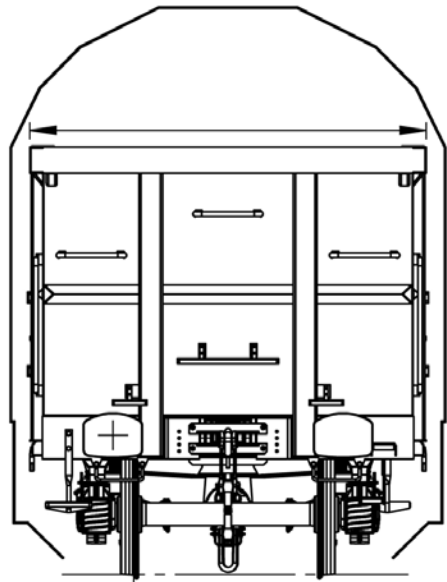
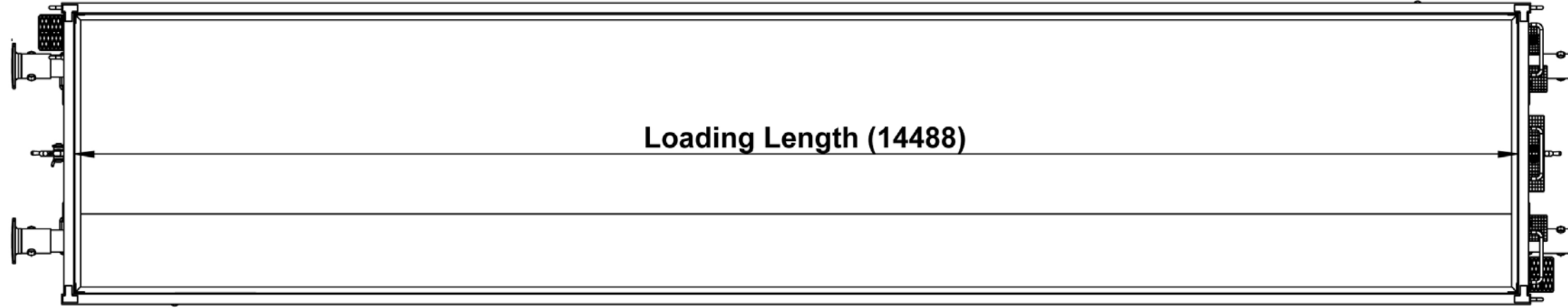
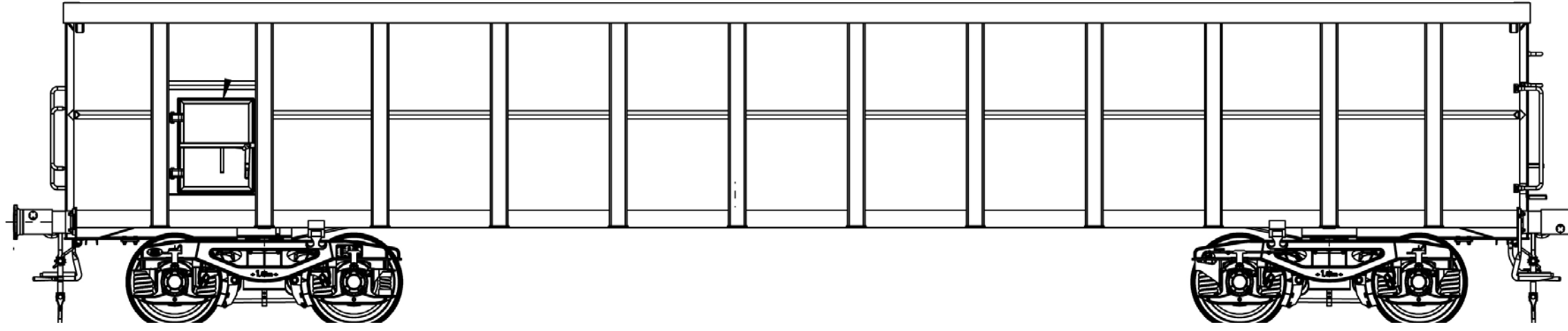
# Eanos 82.7 m<sup>3</sup>



## *Technical specifications;*

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◆ The **Eanos 82.7 m<sup>3</sup>** is a modern open freight wagon engineered for the efficient transportation of heavy and bulky goods such as scrap metal, wood, or construction materials. Designed with durability, capacity, and operational efficiency in mind, it is an ideal solution for high-volume freight operations across European rail networks.



R.S : Rail Surface  
Kesit A-A  
Ölçek 1:60

	A	B1	B2	C2	C3	C4	D2	D3	D4
S	42,0	50,0		60,0				68,0	
120				00,0					

### YÜKLEME TABLOSU LOADING TABLE

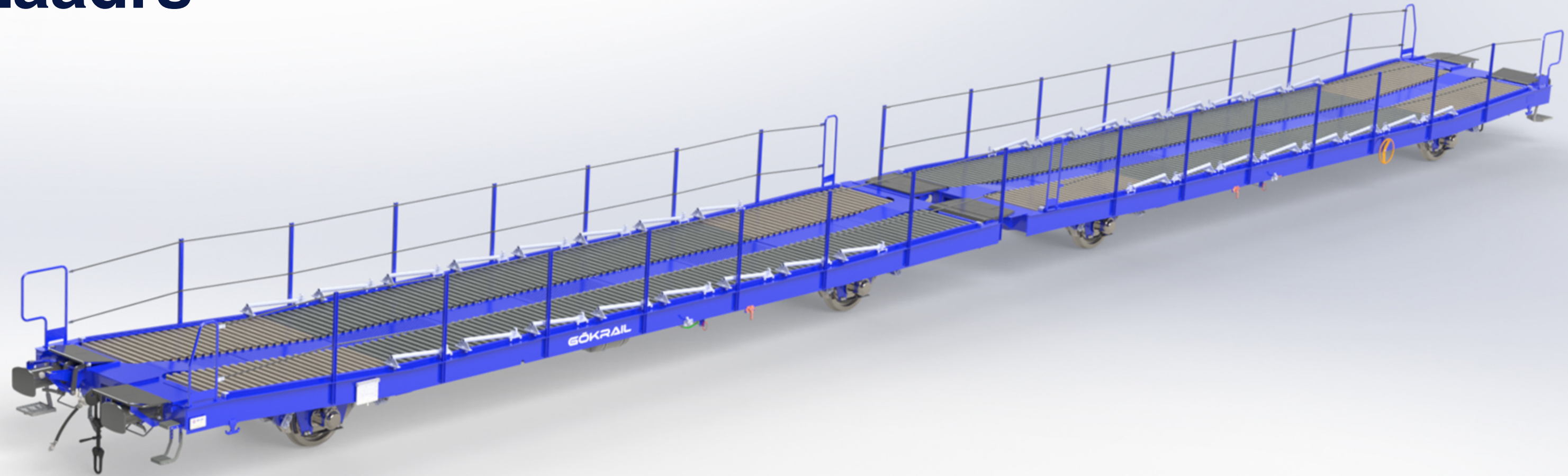
**GÖKRAIL**

Eanos Vagon Karakteristiği  
Eanos Wagon Characteristics  
GR-140.00.00.00A-KP

	Vagon Tipi / Wagon Type	Eanos
Yükleme Parametresi Loading parameter	Dara Tare	≈ 22 t ( Calculated with R1028 wheelset )
	Yükleme Kapasitesi Loading Capacity	≈ 68 t
	Yükleme Alanı Loading Area	≈ 40.56 m <sup>2</sup>
	Yükleme Hacmi Loading Volume	≈ 82.7 m <sup>3</sup>
BOJİ / Bogie	Boji Tipi / Bogie Type	Y25 Ls-K, H-frame
	Dingil Yüğü / Axle Load	22.5 t
TAMPON Buffer	Tampon Buffer	According to UIC 526-1EN 15551+A1
	Tampon Tipi Buffer Type	Category A (105 mm stroke )

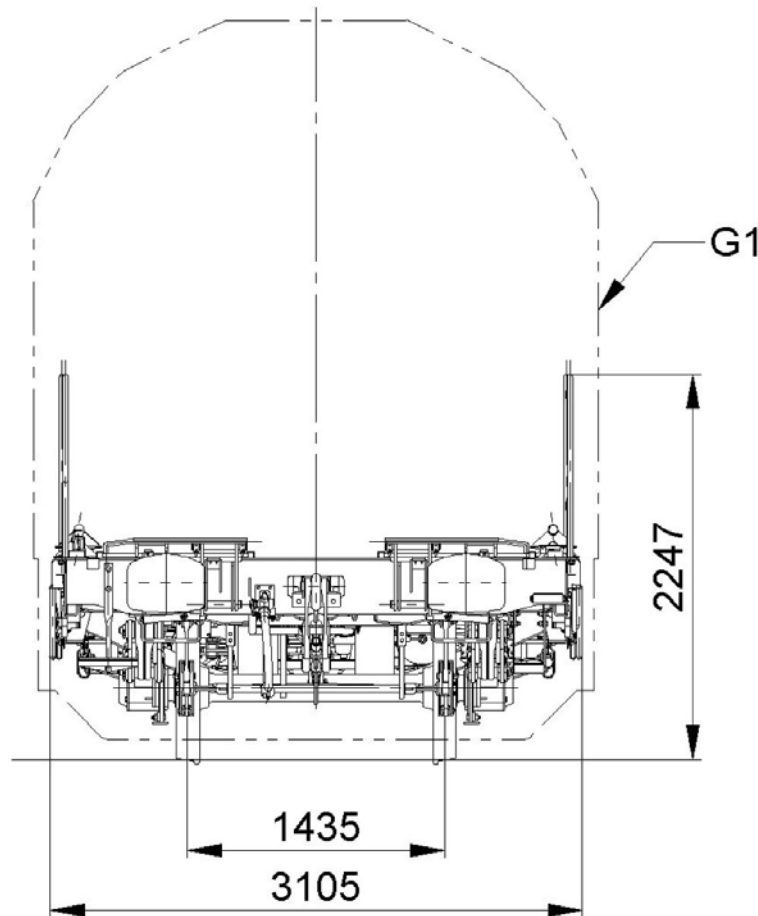
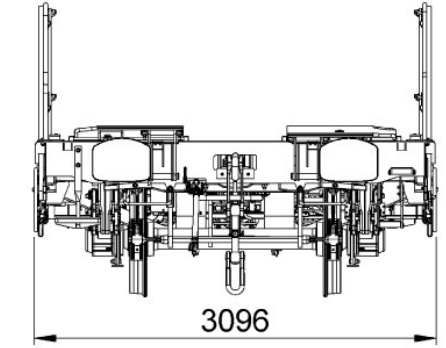
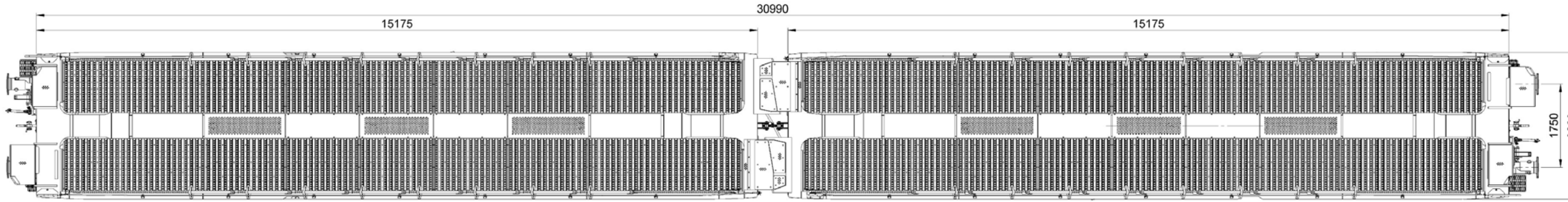
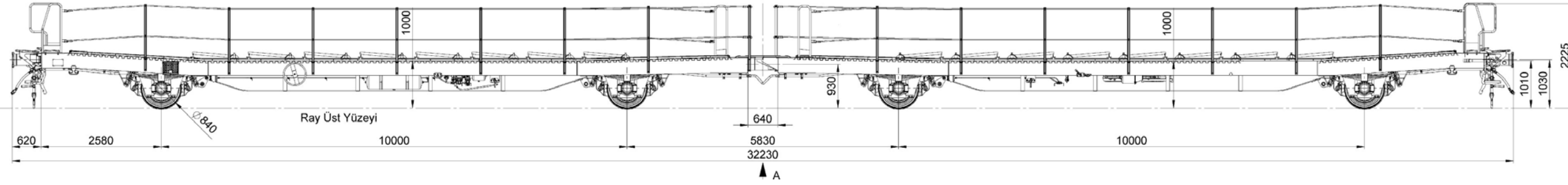
CER Drawgear	Cer Tertibatı Tipi Drewgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
FREN SİSTEMİ Brake System	Fren Tipi Brake Type	Standard Push Brake from Knorr
	Sabo Tipi Brake Shoes Type	K Tipi Kompozit C810 K Type Composite C810
	Eİ Fren Parking Brake	Boji üzerinde Integrated on the bogie
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	120 km/h
DİĞER ÖZELLİKLER Other Features	Yüklü Vagonun Max. Hızı ( 22.5 t ) Max. Speed of Loaded Wagon(22,5 t )	100 km/h
	Kurp Yarıçapı ( Tekli Vagon ) Curve Radius	35 m
DİĞER ÖZELLİKLER Other Features	Kurp Yarıçapı ( Vagon Seti ) Curve Radius ( Wagon Set )	150 m
	Otomatik Kuplör Automatic Coupling	Prepared for Automatic Coupling acc. UIC 530-1

# Laadrs



## *Technical specifications;*

◆ The **Laadrs** is a high-efficiency, double-deck freight wagon specifically designed for the **safe and optimized transportation of passenger vehicles**. Its lightweight yet durable structure, combined with a smart loading design, makes it a preferred choice for automotive logistics across Europe.



**GÖKRAIL**  
 Laads Vagon Karakteristiği  
 Laads Wagon Characteristics  
 GR-190.00.00.00

Center of the wheelsets	10.000 mm
Overhang of the base frame at the end of unit and Overhang in the middle of unit middle of unit	2.580 mm 2.595 mm
Height of end buffers above R.S.	1010 mm
Height of the diagonal buffers above R.S.	930 mm
Height of close coupling above R.S.	650 mm
Loading weight	51,3 t
Permissible load	5 t / 2 axles
Wheelset load	20 t
Max speed	100 km/h (120 km/h)
Curve Radius / single wagon	150 m/ 75 m

Gauge	G1
Tare weight	≈ 28.700 kg
Overall length over buffers	32.230 mm
Loading length	30.990 mm
Height of the horizontal area of the loading level above top of rail	1.000 mm
Clearance width between the wheel chocks rails	2.730 mm
Ferryboat angle	2° 30'
Running circle diameter	840 mm
Type of buffer (end of unit)	Cat A, 40 kJ, stroke=105 mm
Type of buffer (middle of unit)	2 x diagonal buffer, cat. A, 30 kJ, stroke=105 mm /
Coupling System	According EN 15566: 1,0 MN

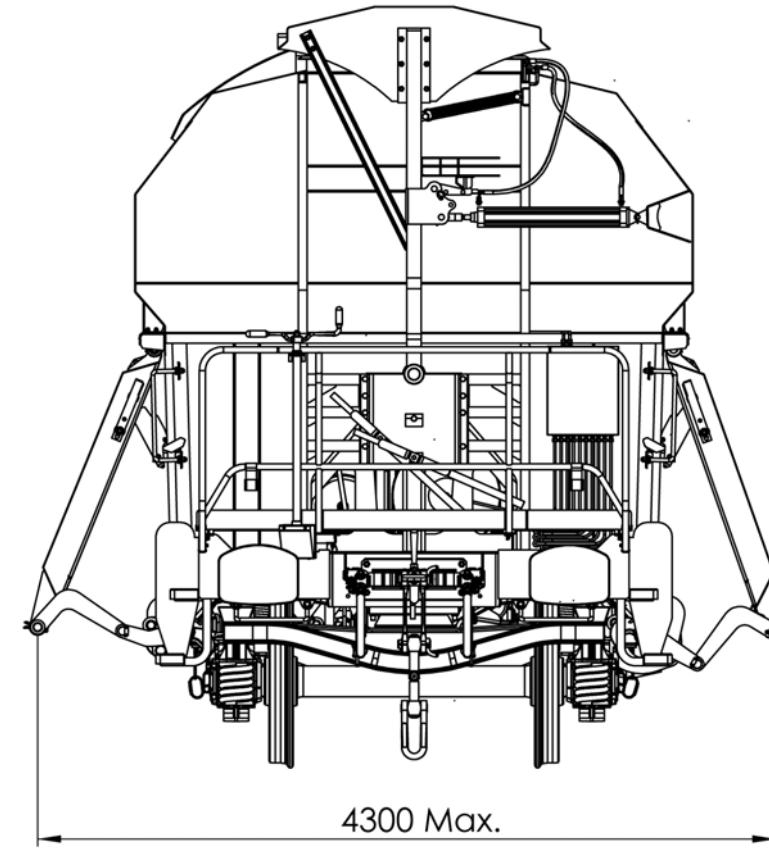
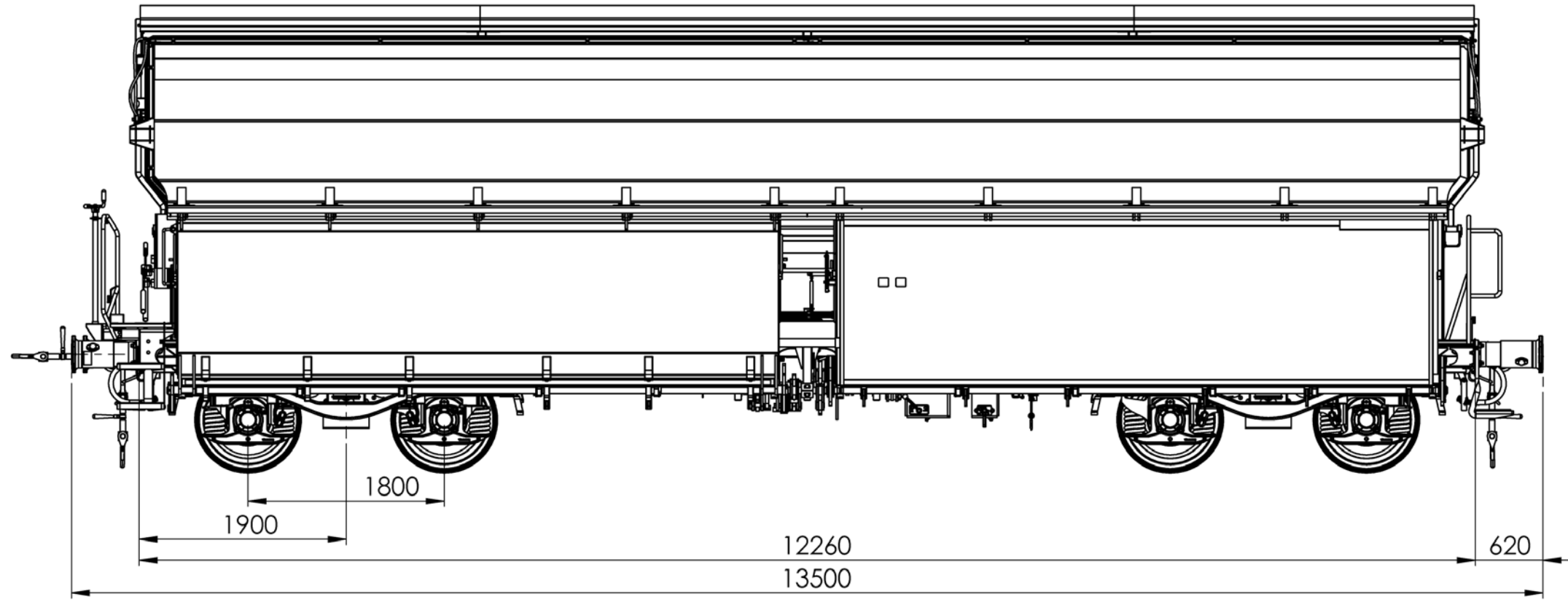
# Talns



## *Technical specifications;*

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◆ The **Talns** wagon is a high-capacity, covered freight wagon designed for the efficient transportation of bulk goods that are sensitive to moisture—such as minerals, coal, and sand. Its robust construction and large-volume compartments ensure secure, weather-protected deliveries over long distances, maintaining cargo integrity under challenging environmental conditions. The four side doors, two front doors, and two rear doors can be controlled individually. While the side and top doors are pneumatically controlled, a manual mechanism is available for emergencies.



**GÖKRAIL**

Talns Vagon Karakteristi  
TalnsWagon Characteristics  
V.61.01.00.00

<b>CER</b> Drawgear	<b>Cer Tertibatı Tipi</b> Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası</b> Coupler Hook	According to UIC 520 1500 kN
	<b>Koşum Takımı</b> Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	<b>Fren Tipi</b> Brake Type	Compact Fren Sistemi Compact Brake System
	<b>Sabo Tipi</b> Brake Shoes Type	K Tipi Kompozit K Type Composite
	<b>Eİ Fren</b> Park Brake	Boji Üzerinde Integrated Bogie
	<b>Boş Vagonun Max. Hızı</b> Max. Speed of Empty Wagon	120 km/h
	<b>Yüklü Vagonun Max. Hızı</b> Max. Speed of Loaded Wagon	100 km/h
<b>DİĞER</b> ÖZELLİKLER Other Features	<b>Kurp Yarıçapı</b> Curve Radius	75 m
	<b>İklim Koşulları</b> Environmental Conditions	T1-T3
	<b>Gabari</b> Gauge	G1

<b>DARA</b> Tare	<b>Vagon Tipi</b> Wagon Type	Talns
	<b>KNORR Fren sistemi ile</b> With the KNORR Brake System	≈24 300 Kg
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	<b>Yükleme Hacmi</b> Loading Volume	≈80 m <sup>3</sup>
	<b>Boji Tipi</b> Bogie Type	Y25Lsd-KC1-K
	<b>Dingil Yüğü</b> Axle Load	22 500 Kg
	<b>Ray Açıklığı</b> Railway Clearance	1 435 mm
	<b>Tekerlek Tipi ve Çapı</b> Wheelset Type and Dia.	Monoblok / Ø920
	<b>Dingil Eksenleri Arası</b> Distance Between axes	1 800 mm
	<b>TAMPON</b> Buffer	<b>Tampon</b> Buffer
	<b>Tampon Tipi</b> Buffer Type	with polymer pads, Max 116 Kg/pcs
	<b>Tampon Sıası</b> Buffer Stroke	105 mm

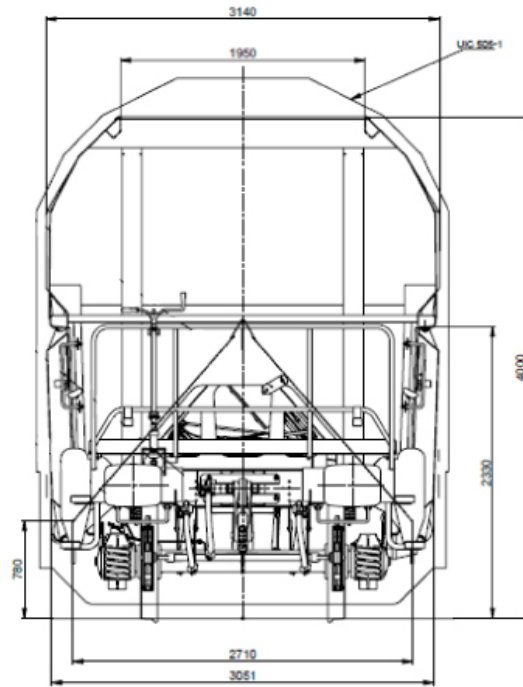
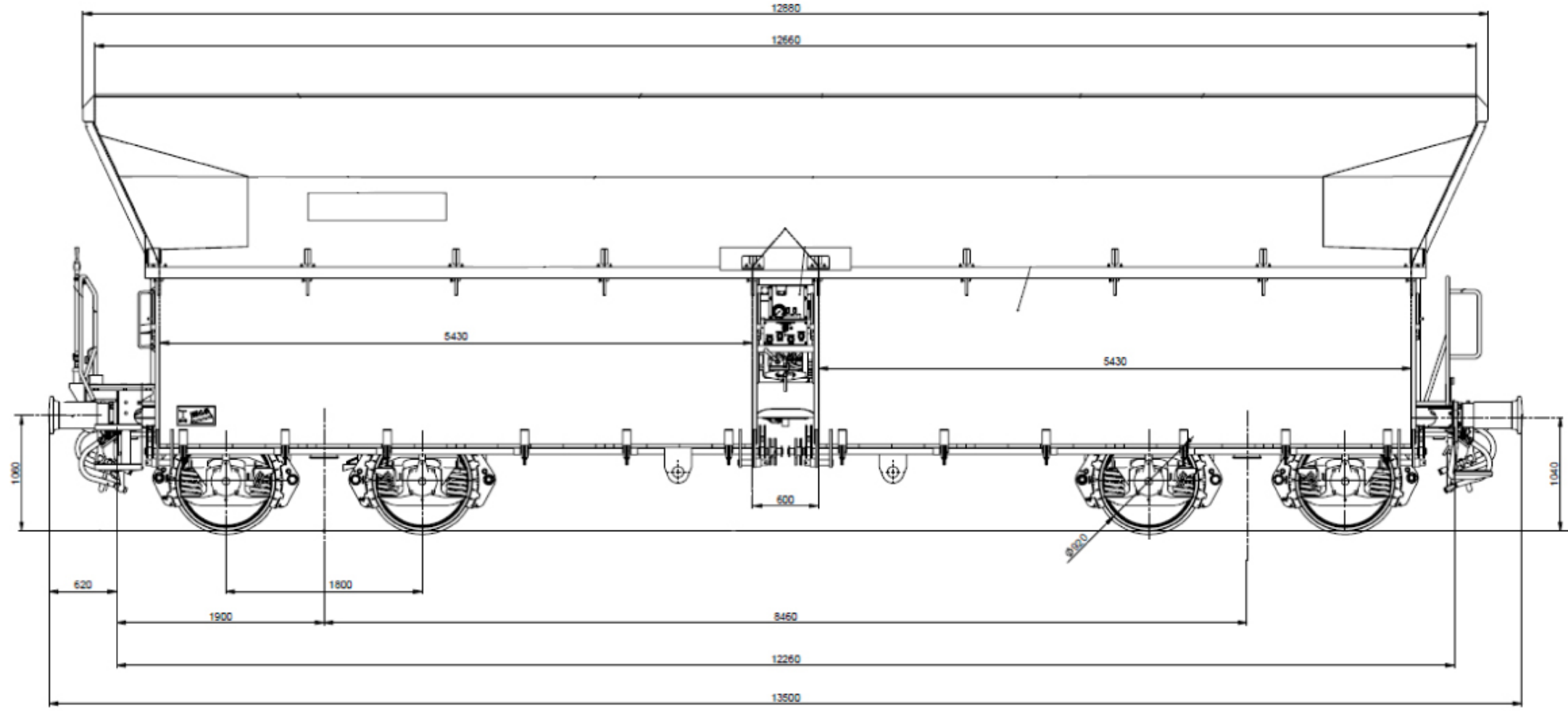
<b>OPERATION PARAMETERS</b> <b>OPERASYON PARAMETRELERİ</b>	<b>Yükleme Açıklığı</b> Loading Clearance Type	11,940 x 1,200 mm
	<b>Boşaltma Açıklığı</b> Unloading Clearance	4 x 5,430 mm
	<b>Boşaltma Eğim Açısı</b> Boşaltma Eğim Açısı	49 °
	<b>Bölüm Sayısı</b> Number of sections	2
	<b>Yan Kapak Çalışması</b> Side Doors operation	Pneumatic
	<b>Üst Kapak Çalışması</b> Roof Operation	Pneumatic
	<b>Çalışma Hava Basıncı</b> Air pressure	From 5 to 10 bar

# Falns 85 m<sup>3</sup>



## *Technical specifications;*

- ◆ **The Falns wagon** is self-discharging and suitable for transporting weather-resistant materials, particularly coal, coke, talc, limestone, gravel, and sand. Side discharge is provided separately via four pneumatically operated doors or two and two opposing doors. Compressed air is supplied via a separate 10-bar air pipeline with insulation. A manual emergency system is available for discharge without compressed air.
- ◆ The wagon is designed for operation without limitations on all European railway tracks with the standard track gauge and for climatic conditions with T1 temperatures (-25°C to +40°C) according to **TSI-WAG**. The wagon meets the conditions for G1 marking, according to **EN 15273-2**.



**GÖKRAIL**

Falns Vagon Karakteristiği  
Falns Wagon Characteristics

**YÜKLEME  
LOADING**

Yükleme Açıklığı Loading Clearance Type	According to UIC 520/With the polymer pads / 1500 kN
Boşaltma Açıklığı Unloading Clearance	According to UIC 520 1500 kN
Boşaltma Eğim Açısı Boşaltma Eğim Açısı	According to UIC 520 1350 kN
Bölüm Sayısı Number of sections	Compact Fren Sistemi Compact Brake System
Yan Kapak Çalışması Side Doors operation	K Tipi Kompozit K Type Composite
Üst Kapak Çalışması Roof Operation	Boji Üzerinde Integrated Bogie
Çalışma Hava Basıncı Air pressure	120 km/h
	100 km/h

	Vagon Tipi Wagon Type	Falns
DARA Tare	KNORR Fren sistemi ile With the KNORR Brake System	≈24 000 Kg
	Yükleme Hacmi Loading Volume	≈85 m3
BOJİ ÖZELLİKLERİ Bogie Features	Boji Tipi Bogie Type	Y25Lsd-KC1-K
	Dingil Yüğü Axle Load	22 500 Kg
	Ray Açıklığı Railway Clearance	1 435 mm
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	Monoblok / Ø920
	Dingil Eksenleri Arası Distance Between axes	1 800 mm
TAMPON Buffer	Tampon Buffer	According to UIC 526-1 Category A
	Tampon Tipi Buffer Type	with polymer pads, Max 116 Kg/pcs
	Tampon Siası Buffer Stroke	105 mm

CER Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
FREN SİSTEMİ Brake System	Fren Tipi Brake Type	Compact Fren Sistemi Compact Brake System
	Sabo Tipi Brake Shoes Type	K Tipi Kompozit K Type Composite
	EI Fren Park Brake	Boji Üzerinde Integrated Bogie
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	120 km/h
	Yüklü Vagonun Max. Hızı Max. Speed of Loaded Wagon	100 km/h
DİĞER ÖZELLİKLER Other Features	Kurp Yarıçapı Curve Radius	75 m
	İklim Koşulları Environmental Conditions	T1-T3
	Gabari Gauge	G1

# Wagons Types Under TSI & ERA Certification Process

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Designed in accordance with TSI standards and currently progressing through certification and registration procedures.

GÖKRAIL

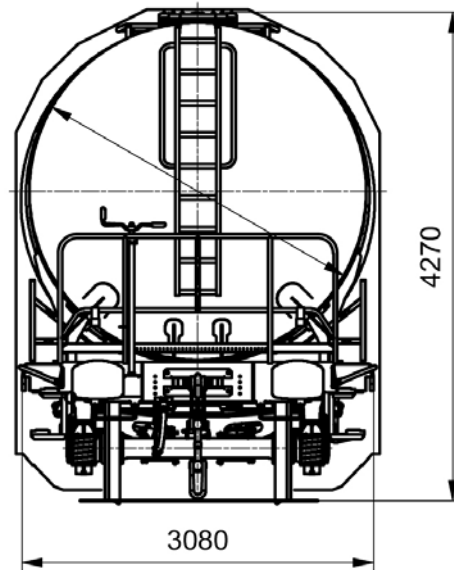
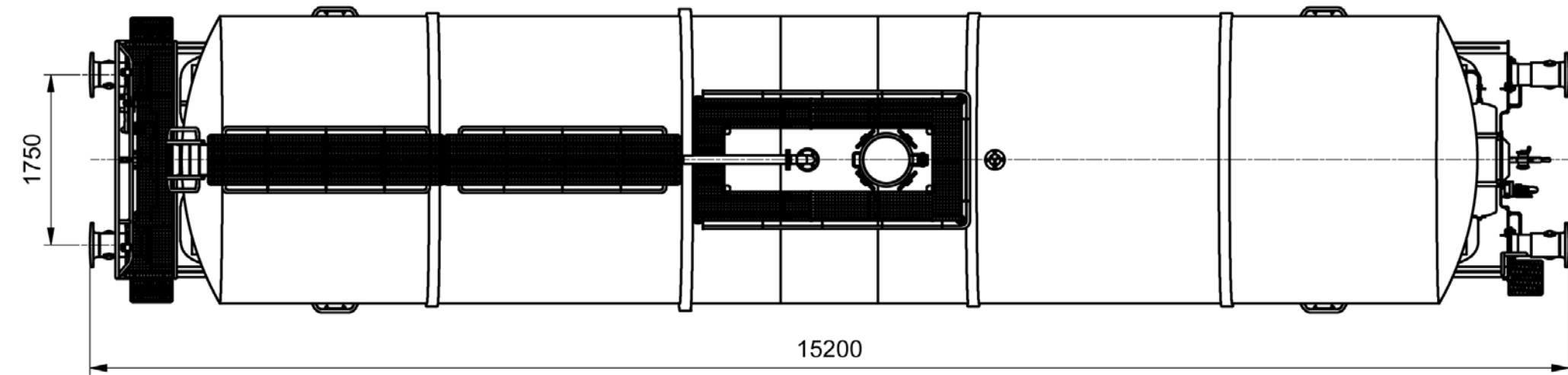
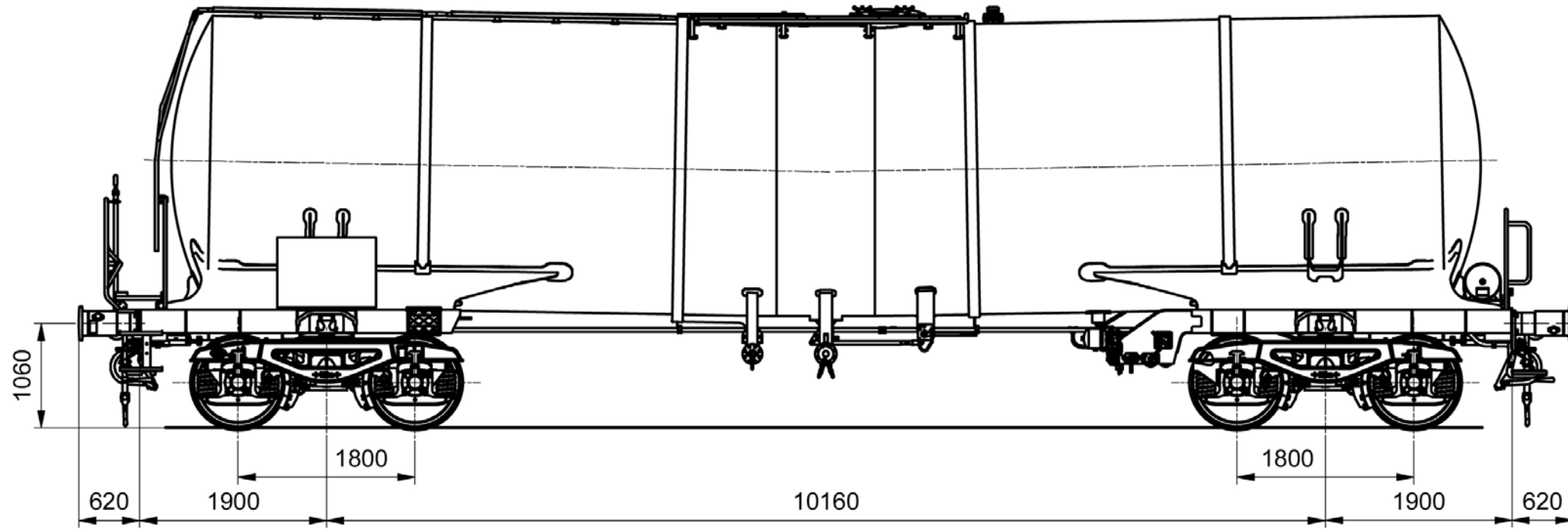
# Zans



## *Technical specifications;*

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◆ **The Zans** is a versatile liquid bulk tank wagon designed for the safe and efficient transportation of various chemical and petroleum-based liquids across long distances. Engineered to meet the highest safety and quality standards, the Zans offers exceptional durability, optimized volume capacity, and secure handling of hazardous or non-hazardous fluids.



**GÖKRAIL**

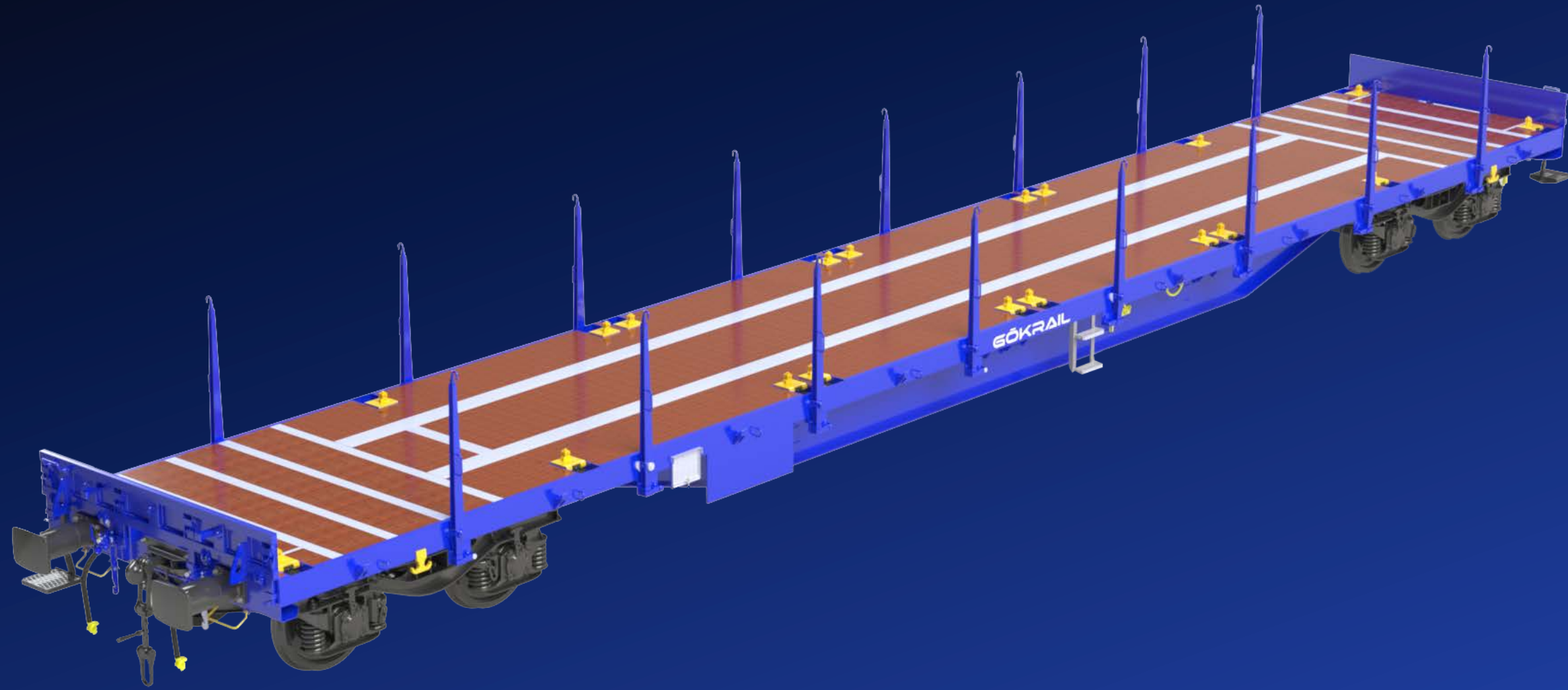
Zans (87 m3) Vagon Karakteristiği  
Zans (87 m3) Wagon Characteristics

<b>DİĞER ÖZELLİKLER</b> Other Features	<b>Gabari</b> Loading Gauge	<b>G1 - TSI</b>
	<b>Tank Eğimi</b> Tank Central Slope	1°
	<b>Doldurma ve Boşaltma</b> Loading and Unloading	Üstten alttan birer doldurma / Her iki yana boşaltma Top and Bottom Fill / On Both Sides Unloading
	<b>Taşınak Ürünler</b> Haul	Hafif Petrol Ürünleri Light Petroleum Product

	<b>Vagon Tipi</b> Wagon Type	<b>Zans / L4BH</b>
	<b>DARA</b> TARE	≈ 21 000 Kg
	<b>YÜKLEME KAPASİTESİ</b> Payload	<b>87 m3</b>
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	<b>Boji Tipi</b> Bogie Type	Y25Lsdi(f) - KC1 H Tipi / H Type
	<b>Dingil Yüğü</b> Axle Load	<b>22 500 Kg</b>
	<b>Ray Açıklığı</b> Railway Clearance	<b>1 435 mm</b>
	<b>Tekerlek Tipi ve Çapı</b> Wheelset Type and Dia.	<b>Monoblok / Ø920</b>
	<b>Dingil Eksenleri Arası</b> Distance Between axes	<b>1 800 mm</b>
	<b>TAMPON</b> Buffer	<b>Tampon</b> Buffer
	<b>Tampon Tipi</b> Buffer Type	<b>with polymer pads, Max 116 Kg/pcs</b>
	<b>Tampon Siası</b> Buffer Stroke	<b>105 mm</b>

<b>CER</b> Drawgear	<b>Cer Tertibatı Tipi</b> Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası</b> Coupler Hook	According to UIC 520 1500 kN
	<b>Koşum Takımı</b> Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	<b>Fren Rejimi / Fren Tipi</b> Brake Regime / Brake Type	<b>S / Compact Fren Sistemi</b> S / Compact Brake System
	<b>Sabo Tipi</b> Brake Shoes Type	<b>K Tipi Kompozit Cosid 810</b> K Type Composite Cosit 810
	<b>Eİ Fren</b> Park Brake	<b>Boji üzerinde</b> Integrated Bogie
	<b>Boş Vagonun Max. Hızı</b> Max. Speed of Empty Wagon	<b>120 km/h</b>
	<b>Dolu Vagonun Max. Hızı</b> Max. Speed of Loaded Wagon	<b>100 km/h</b>
<b>DİĞER ÖZELLİKLER</b> Other Features	<b>Kurp Yarıçapı</b> Curve Radius	<b>75 m</b>
	<b>Tasarım Basıncı</b> Calculation Pressure	<b>10 Bar</b>
	<b>İşletme Basıncı</b> Max. Operation Pressure	<b>3 Bar</b>

# Rgns

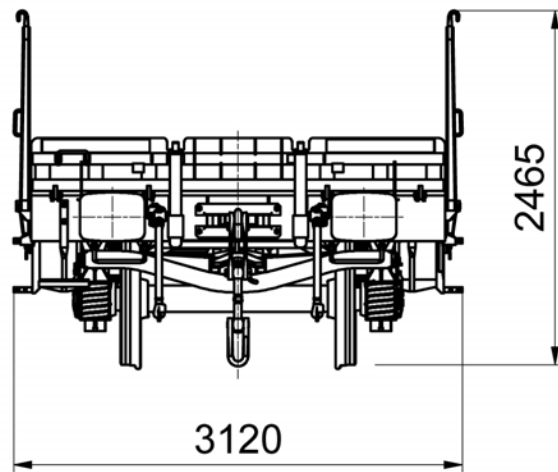
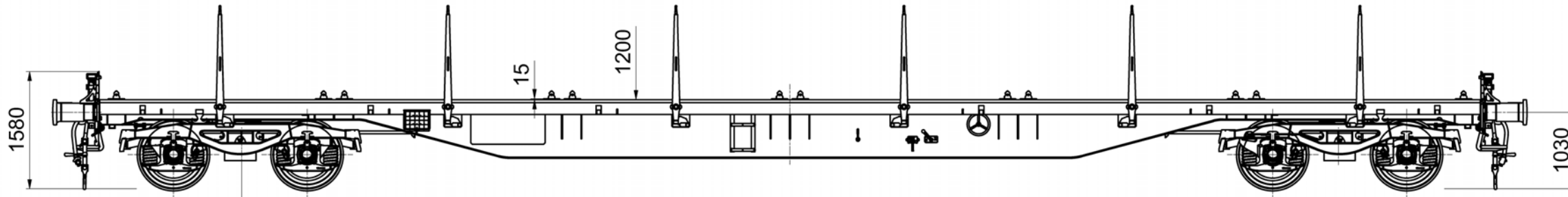
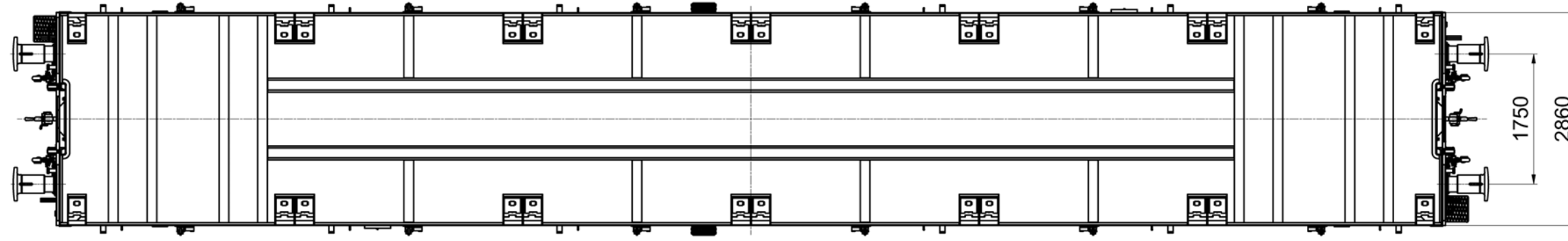


## *Technical specifications;*

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### ◆ **Versatile. Reliable. Intermodal Ready.**

The Rgns flat wagon is a highly adaptable platform wagon designed for the transport of containers, swap bodies, and various intermodal units. Its robust construction and flexible load configurations make it ideal for multimodal operations across Europe.



YÜKLEME TABLOSU  
LOADING TABLE

	A	B	C	D
S	43	51	61	69
120	0,00			

**YÜKLEME KAPASİTESİ (Vagon yarısı için)**  
LOADING CAPACITY (Half wagon)

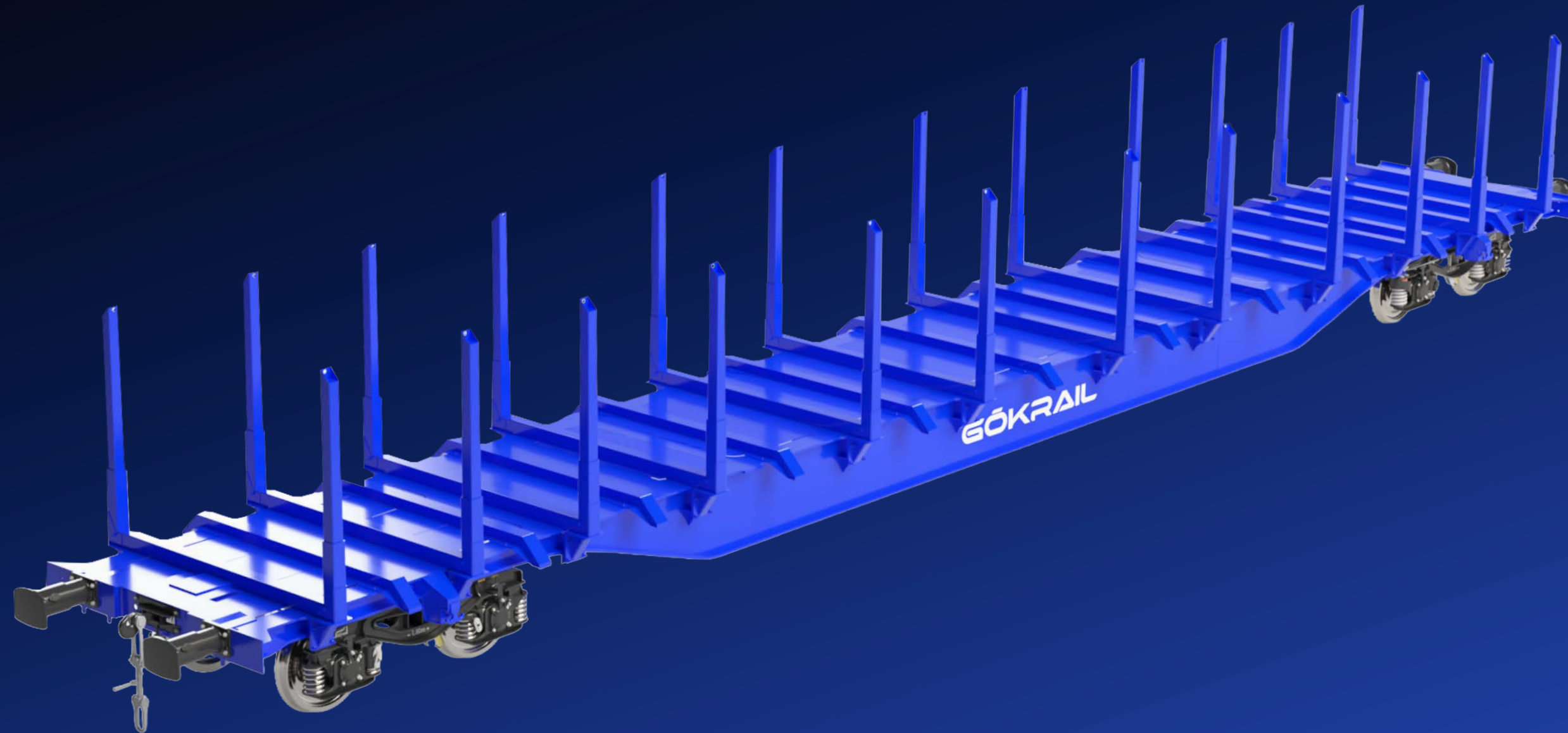
Simetrik ve asimetrik yük konfigürasyonlarında  
10', 20', 30' ve 40' konteynerleri ve takas  
gövdelerini taşımak için uygundur

Suitable for carrying 10', 20', 30' and 40'  
containers and swap bodies in symmetrical and  
asymmetrical load configurations

<b>DARA</b> Tare	Vagon Tipi Wagon Type	Rgns
	WABTEC MZT Fren sistemi ile With the WABTEC MZT Brake System	≈ 21 000 Kg
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	Boji Tipi Bogie Type	Y25Ls(s)1-K
	Dingil Yüğü Axle Load	22 500 Kg
	Ray Açıklığı Railway Clearance	1 435 mm
	Tekerlek Tipi ve Çapı Wheelset Type and Dia.	Monoblok / Ø920
	Dingil Eksenleri Arası Distance Between axes	1 800 mm
<b>TAMPON</b> Buffer	Tampon Buffer	According to UIC 526-1 EN 15551+A1
	Tampon Tipi Buffer Type	Category A
	Tampon Siası Buffer Stroke	105 mm

<b>CER</b> Drawgear	Cer Tertibatı Tipi Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası Coupler Hook	According to UIC 520 1500 kN
	Koşum Takımı Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	Fren Tipi Brake Type	Compact Fren Sistemi Compact Brake System
	Sabo Tipi Brake Shoes Type	K Tipi Kompozit Cosid 810 K Type Composite Cosit 810
	EI Fren Park Brake	Vagon Üzerinde Integrated on the wagon
	Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	120 km/h
	Yüklü Vagonun Max. Hızı Max. Speed of Loaded Wagon	100 km/h
<b>DiĞER</b> ÖZELLİKLER Other Features	Kurp Yarıçapı Curve Radius	75 m
	Yükleme Yüksekliği Loading Height	1 200mm
	Güvenlik Pimi Sayısı Number of ct. Spigots	24

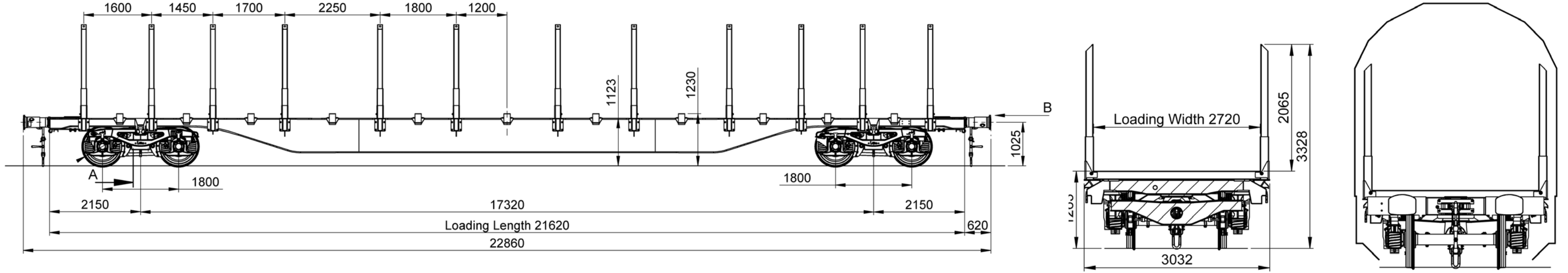
# Snps



## *Technical specifications;*

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- ◆ The SNPS 4-axle wagon is developed for the transportation of timber and long wood materials in international freight traffic. The design ensures structural durability, operational safety, and optimized payload capacity.
- ◆ Its modular design allows operational flexibility while ensuring maximum safety and durability in international freight operations.



	<b>Vagon Tipi / Wagon Type</b>	<b>Snps</b>
<b>Yükleme Parametresi</b> Loading parameter	<b>Dara</b> Tare	≈ 25 t
	<b>Yükleme Kapasitesi</b> Loading Capacity	≈ 64,5 t
	<b>Yükleme Alanı</b> Loading Area	≈ 59 m <sup>2</sup>
	<b>Yükleme Uzunluğu / Loading Length</b> <b>Yükleme Genişliği / Loading Width</b>	≈ 21620 mm ≈ 2720 mm
	<b>Dikme Adedi</b> Number of Stachions	12
<b>BOJİ / Bogie</b>	<b>Boji Tipi / Bogie Type</b>	<b>Y25 Ls-K, H-frame</b>
	<b>Dingil Yüğü / Axle Load</b>	22.5 t
<b>TAMPON</b> Buffer	<b>Tampon</b> Buffer	According to UIC 526-1EN 15551+A1
	<b>Tampon Tipi</b> Buffer Type	Category A (105 mm stroke )

<b>CER</b> Drawgear	<b>Cer Tertibatı Tipi</b> Drewgear Type	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası</b> Coupler Hook	According to UIC 520 1500 kN
	<b>Koşum Takımı</b> Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	<b>Fren Tipi</b> Brake Type	KE-GP-A(K) / 's' /Push Brake
	<b>Sabo Tipi</b> Brake Shoes Type	<b>C810</b>
	<b>Eİ Fren</b> Parking Brake	<b>Vagon üzerinde</b> Integrated on the wagon
	<b>Boş Vagonun Max. Hızı</b> Max. Speed of Empty Wagon	<b>120 km/h</b>
	<b>Yüklü Vagonun Max. Hızı ( 22.5 t )</b> Max. Speed of Loaded Wagon(22,5 t )	<b>100 km/h</b>
<b>DİĞER ÖZELLİKLER</b> Other Features	<b>Kurp Yarıçapı ( Tekli Vagon )</b> Curve Radius	<b>75 m</b>
	<b>Kurp Yarıçapı ( Vagon Seti )</b> Curve Radius ( Wagon Set )	<b>150 m</b>
	<b>Otomatik Kuplor</b> Automatic Coupling	<b>Prepared for Automatic Coupling acc. UIC 530-1</b>

**Equipment:**

- 24 exchangeable stanchions including fixed cross-piece
- Floor: 5 mm tear sheet
- 2 exchangeable Endwalls
- GPS-Module

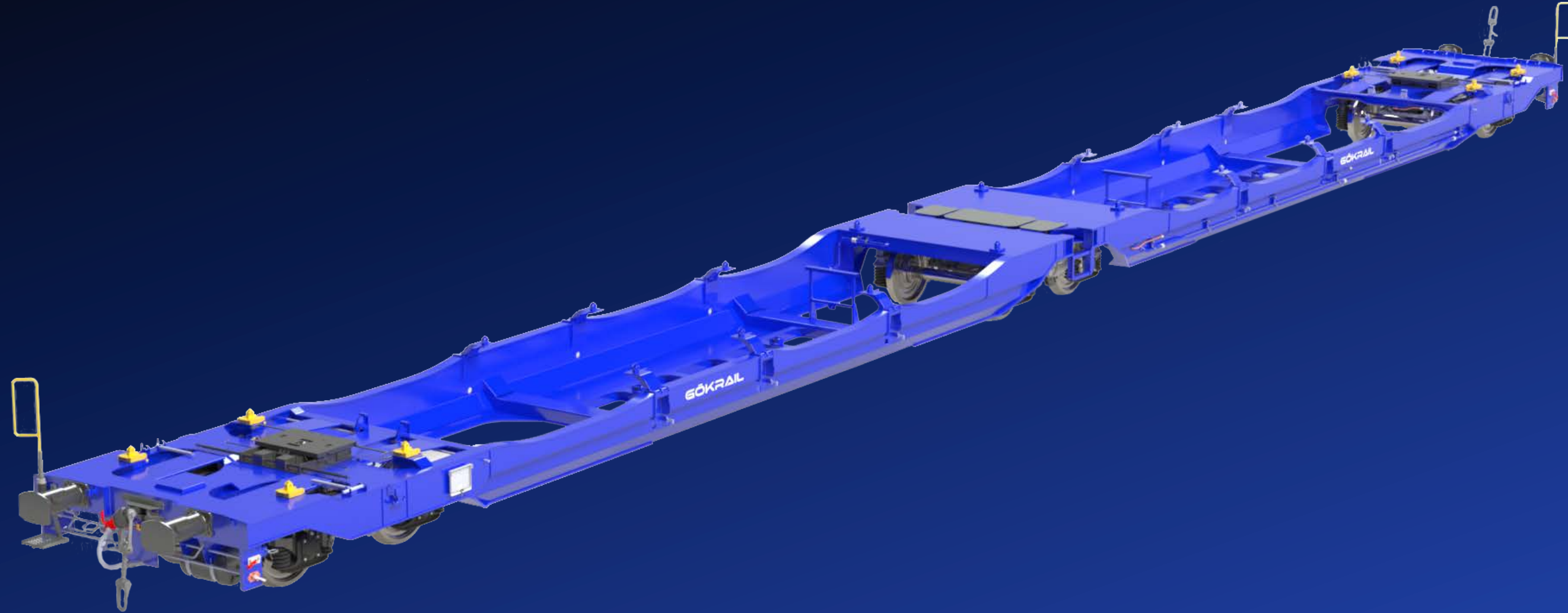
	A	B	C	D
S	38,5	46,5	56,5	64,5
120	00,0			

**YÜKLEME TABLOSU**  
**LOADING TABLE**

**GÖKRAIL**

Snps Vagon Karakteristiği  
Snps Wagon Characteristics  
GR-230.00.00.00

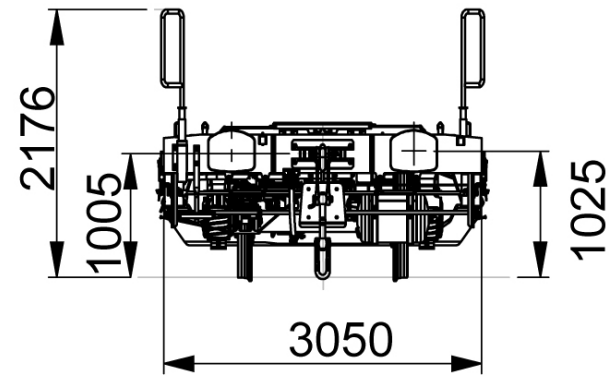
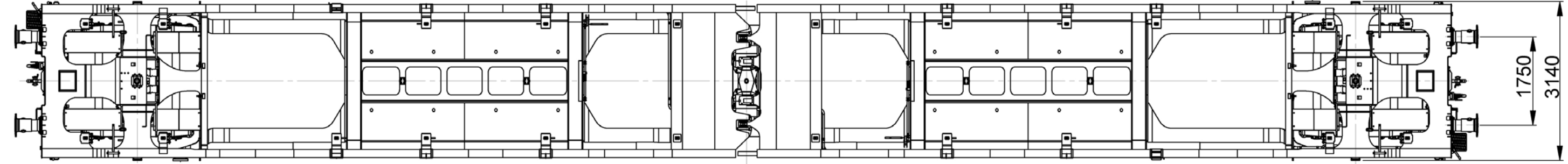
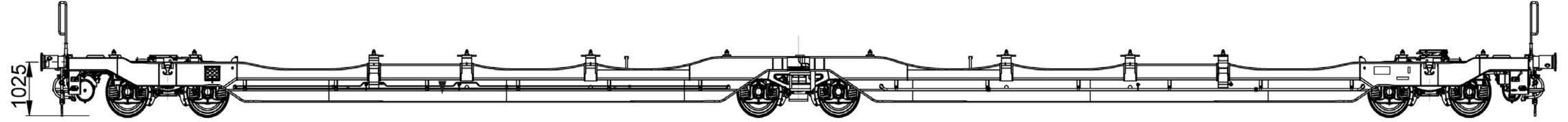
# Sdggmrs



## *Technical specifications;*

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◆ The **Sdggmrs** is one of the most advanced intermodal wagons on the market, specifically designed for the fast and efficient transportation of mega semi-trailers and containers. Its optimized lightweight construction and low loading height make it a benchmark in combined transport across Europe.



**GÖKRAIL**

Sdggmrs Vagon Karakteristiği  
Sdggmrs Wagon Characteristics  
GR-160.00.00.00

	A	B	C	D
S	59,8 t	71,8 t	83,8 t	98,8 t
SS	0,00 t			

<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	<b>Vagon Tipi</b> Wagon Type	<b>Sdggmrs</b>
	<b>DARA</b> TARE	~ 36,2 t
	<b>YÜKLEME KAPASİTESİ</b> Payload	~ 98,8 t
	<b>Boji Tipi</b> Bogie Type	1 x Y25 Lsdi(f) KC1 and 2 x Y25Lsi1
	<b>Dingil Yüğü</b> Axle Load	22 .5 t
	<b>Ray Açıklığı</b> Railway Clearance	1 435 mm
	<b>Tekerlek Tipi ve Çapı</b> Wheelset Type and Dia.	Ø920
<b>TAMPON</b> Buffer	<b>Dingil Eksenleri Arası</b> Distance Between axes	1 800 mm
	<b>Tampon</b> Buffer	<b>Category L</b>
	<b>Tampon Tipi</b> Buffer Type	with polymer pads, Max 1 16 Kg/pcs
	<b>Tampon Siası</b> Buffer Stroke	105 mm

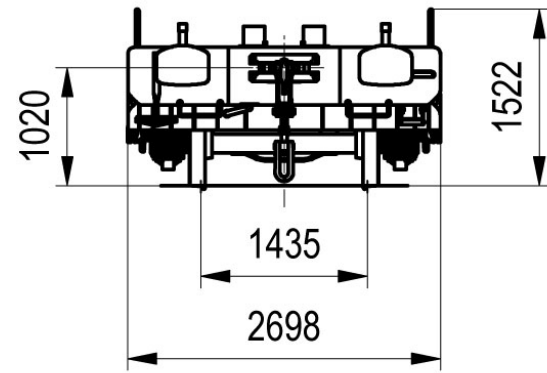
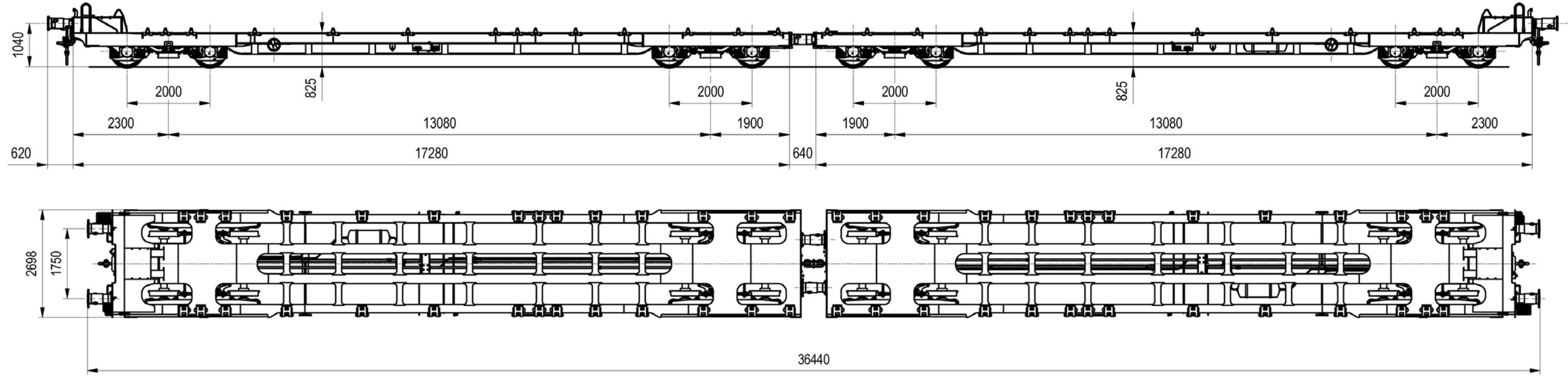
<b>CER</b> Drawgear	<b>Cer Tertibatı Tipi</b> Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası</b> Coupler Hook	According to UIC 520 1500 kN
	<b>Koşum Takımı</b> Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	<b>Fren Tipi / Brake Regime</b> Brake Type/ Brake Regime	<b>IBB10 / CFCB</b>
	<b>Sabo Tipi</b> Brake Shoes Type	<b>K Tipi Kompozit Cosid 810</b> K Type Composite Cosit 810
	<b>EI Fren</b> Park Fren	Boji üzerinde On the bogie
	<b>Boş Vagonun Max. Hızı</b> Max. Speed of Empty Wagon	<b>120 km/h</b>
	<b>Yüklü Vagonun Max. Hızı</b> Max. Speed of Loaded Wagon	<b>100 km/h</b>
<b>DİĞER</b> ÖZELLİKLER Other Features	<b>Kurp Yarıçapı</b> Curve Radius	<b>75 m</b>
	<b>Yükleme Yüksekliği</b> Loading Height	<b>1 155 mm</b>
	<b>Güvenlik Pimi Sayısı</b> Number of ct. Spigots	<b>20</b>

# Sffggmrrs



## *Technical specifications;*

◆ **The Sffggmrrs wagon** is a highly advanced intermodal wagon engineered for the transportation of high-volume containers and swap bodies across European networks. Its low loading deck and optimized profile allow the seamless handling of highcube units through constrained routes such as the Channel Tunnel. Designed for efficiency and flexibility, it delivers reliable performance in modern combined transport operations.



**YÜKLEME KAPASİTESİ (Vagon Yarısı İçin)**  
LOADING CAPACITY (Half Wagon)

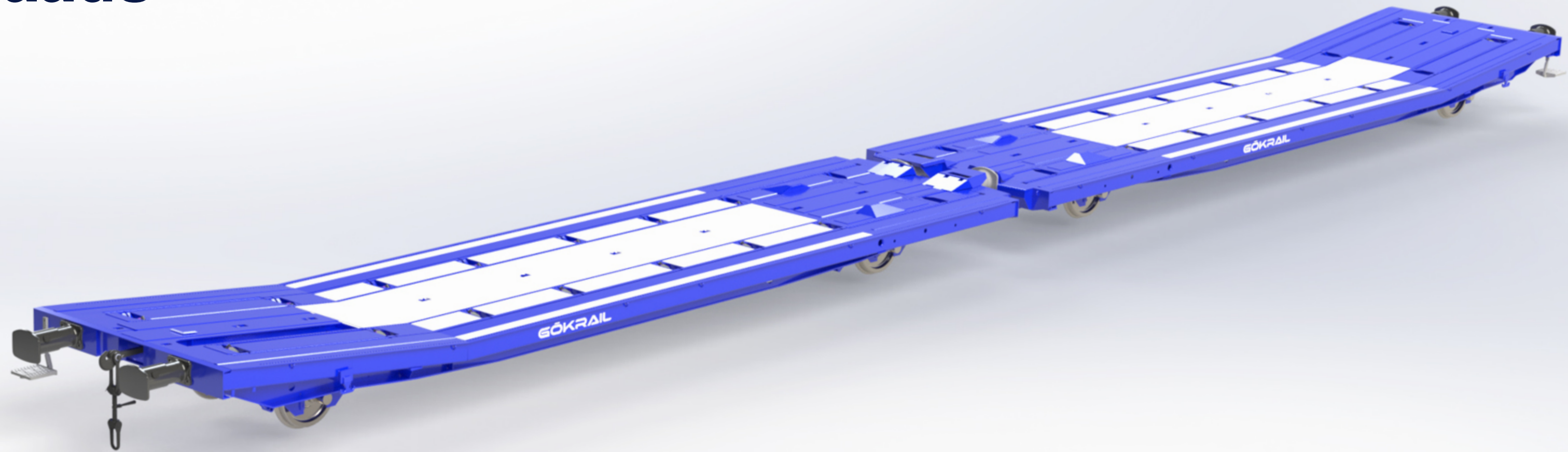
20', 30', 40', 45', 49' konteynerler ve  
7820 mm, 8150 mm ve 13650 mm Swap Body

20', 30', 40', 45', 49' containers and  
7820 mm, 8150 mm ve 13650 mm Swap Body

	<b>Vagon Tipi</b> Wagon Type	<b>Sffggmrrs</b>
<b>DARA</b> Tare	<b>WABTEC MZT Fren sistemi ile</b> With the WABTEC MZT Brake System	<b>36 000 Kg</b>
<b>BOJİ ÖZELLİKLERİ</b> Bogie Features	<b>Boji Tipi</b> Bogie Type	<b>Y33Assif-730</b>
	<b>Dingil Yüğü</b> Axle Load	<b>16 t/axle</b>
	<b>Ray Açıklığı</b> Railway Clearance	<b>1 435 mm</b>
	<b>Tekerlek Tipi ve Çapı</b> Wheelset Type and Dia.	<b>Ø730 mm / 680 mm</b>
	<b>Dingil Eksenleri Arası</b> Distance Between axes	<b>2 000 mm</b>
<b>TAMPON</b> Buffer	<b>Tampon</b> Buffer	According to UIC 526-1 EN 15551+A1
	<b>Tampon Tipi</b> Buffer Type	<b>Category A</b>
	<b>Tampon Siası</b> Buffer Stroke	<b>105 mm</b>

<b>CER</b> Drawgear	<b>Cer Tertibatı Tipi</b> Drawgear Type	According to UIC 520/With the polymer pads / 1500 kN
	<b>Çekme Kancası</b> Coupler Hook	According to UIC 520 1500 kN
	<b>Koşum Takımı</b> Screw Coupler	According to UIC 520 1350 kN
<b>FREN SİSTEMİ</b> Brake System	<b>Fren Tipi</b> Brake Type	<b>Compact Fren Sistemi</b> Compact Brake System
	<b>Sabo Tipi</b> Brake Shoes Type	<b>K Tipi Kompozit Cosid 810</b> K Type Composite Cosit 810
	<b>Ei Fren</b> Park Brake	<b>Boji Üzerinde</b> Integrated Bogie
	<b>Boş Vagonun Max. Hızı</b> Max. Speed of Empty Wagon	<b>120 km/h</b>
	<b>Yüklü Vagonun Max. Hızı</b> Max. Speed of Loaded Wagon	<b>100 km/h</b>
<b>DİĞER</b> ÖZELLİKLER Other Features	<b>Kurp Yarıçapı</b> Curve Radius	<b>75 m</b>
	<b>Yükleme Yüksekliği</b> Loading Height	<b>825 mm</b>
	<b>Güvenlik Pimi Sayısı</b> Number of ct. Spigots	<b>36</b>

# Laads

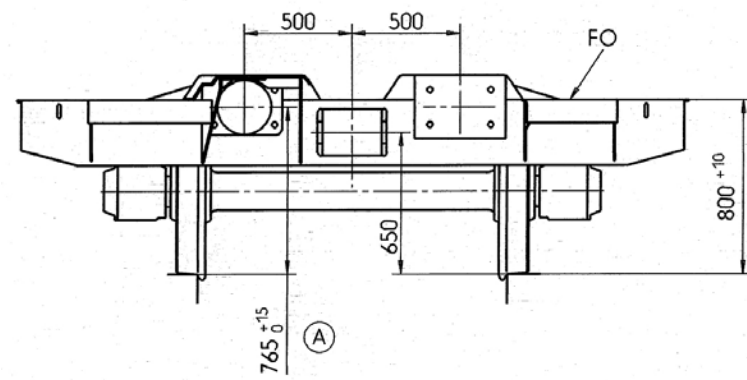
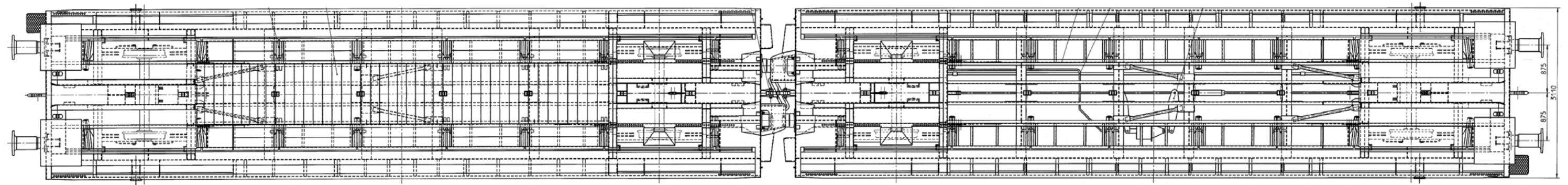
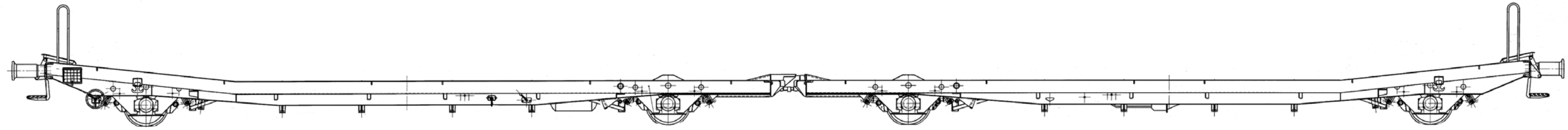


## *Technical specifications;*

◆ **The Laads wagon**, with its low floor, allows for high-profile identification and is equipped with 32 wheel stops for securing vehicles.

The wagon has 16 tie-down points for additional securing of transported vehicles. The wagon unit is equipped with two axles with parabolic springs and double-link adjustment, in accordance with the **EN 16235 (UIC 517)** standard, and is reinforced with long-reach displacement shock absorbers.

The wagon is designed for operation without limitations on all European railway tracks with the standard track gauge and for climatic conditions with T1 temperatures (-25°C to +40°C) according to **TSI-WAG**. The wagon meets the conditions for G1 marking, according to **EN 15273-2**.



**Laads Vagon Karakteristiği**  
Laads Wagon Characteristics

Center of the wheelsets	9500 mm
Floor height above top of rail	8000 mm
Height of end buffers above R.S.	1010 mm
Height of the diagonal buffers above R.S.	765 mm
Height of close coupling above R.S.	650 mm
Loading weight	39 t / 47 t
Wheelset load	16 t / 18 t
Max speed	100 km/h (120 km/h )
Curve Radius / single wagon	150 m/ 75 m

Gauge	G1
Tare weight	≈ 25.000 kg
Overall length over buffers	28.230 mm
Loading length	26.990 mm
Loading width	3.110 mm
Loading area in m <sup>2</sup>	81 m <sup>2</sup>
Steering knuckle center distance	2000 mm
Running circle diameter	760 mm

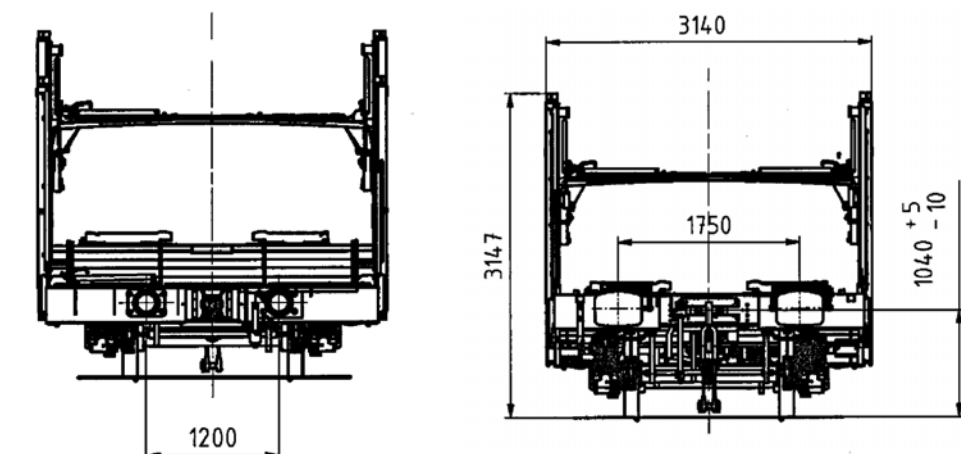
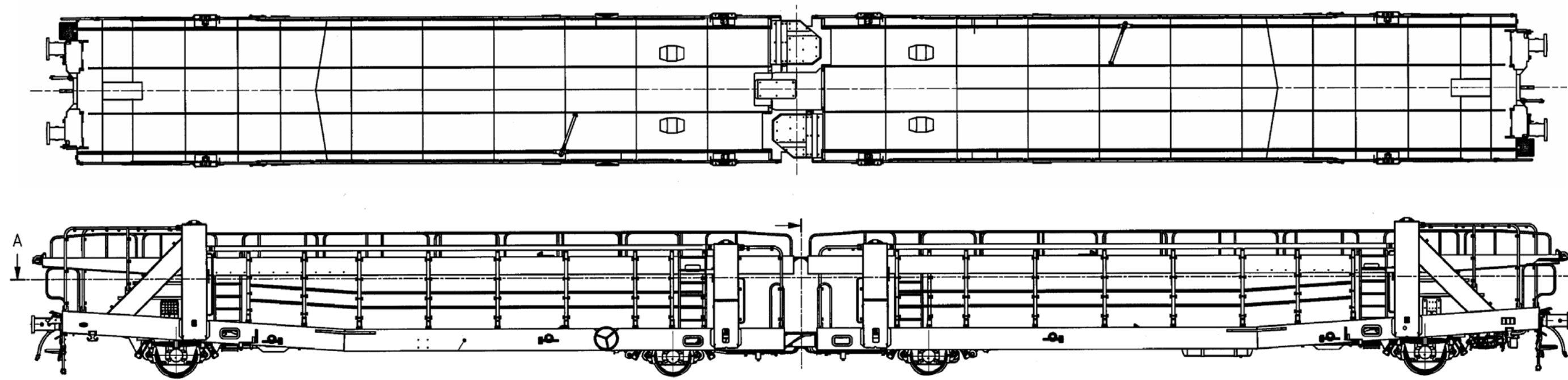
# Laaers



## *Technical specifications;*

◆ **Laaers** wagon is a twin , 4-axle, double-deck, It has an automatic lifting system for transition between floors, open wagon designed for transportation of passenger cars, SUVs, small utility vehicles and vans.

◆ The wagon unit consists of two short-coupled segments, total distance over buffers of which is 31 m and wheel-base of which is 10 m. The wagon complies with the TSI-WAG regulations, EN standards. The wagon is designed for operation without limitation on all European railway tracks with the normal track gauge and for climatic conditions with T1 temperatures (-25 C°+40 C°) according to TSI-WAG. The wagon meets the conditions for G1 marking, according to EN 15273-2.



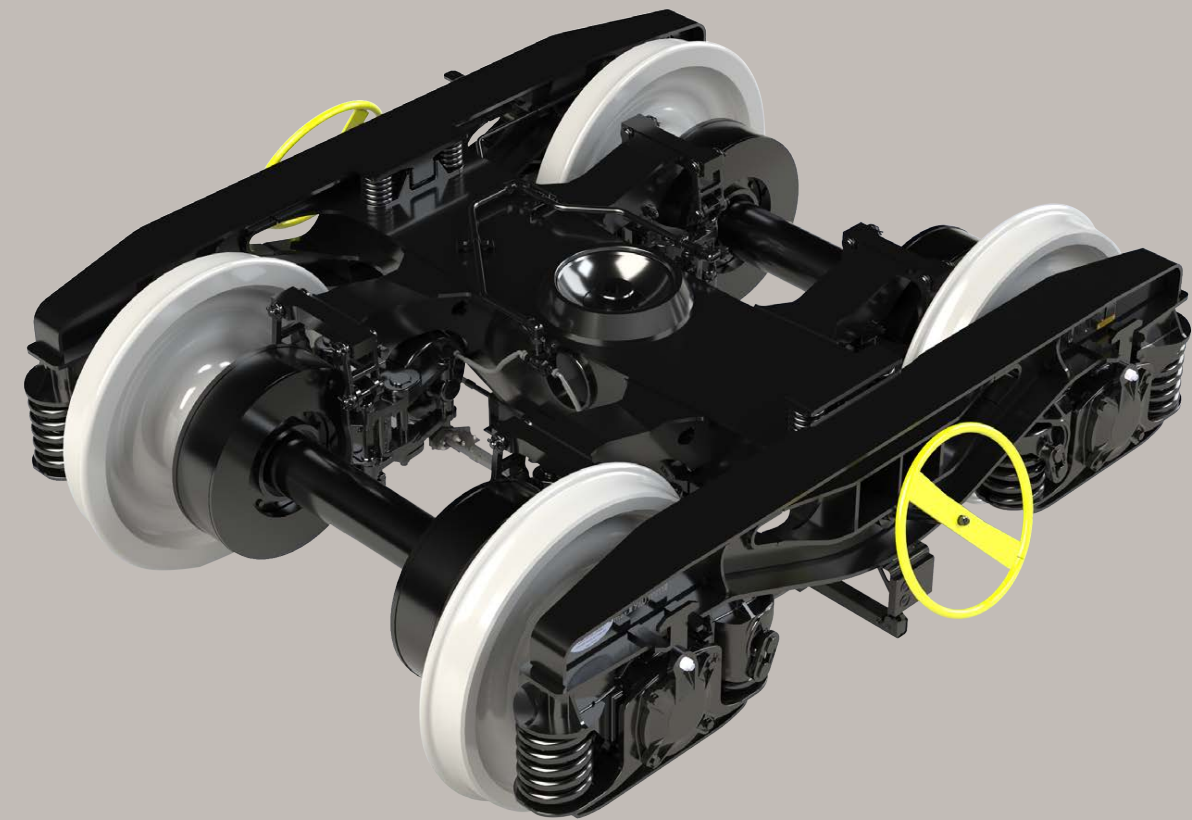
**GÖKRAIL**

GR -220.00.00.00  
 Laaers Vagon Karakteristiği  
 Laaers Wagon Characteristics

Running circle diameter unit center ( 16 t )	730 mm
Running circle diameter unit center ( 18 t )	840 mm
Height of the lower loading level above R.S.	820 mm
Height of the diagonal buffers above R.S.	765 mm
Top edge of headpiece over R.S.	1195 mm
Clear loading height on the lower horizontal loading level from 1,688 to	2100 mm
Headroom at headpiece and upper loading level at standard ground	2130 mm
Wagon unit load limit	34 t
Max. loading mass per loading level	18 t
Max. car wheel load on both loading levels	10 kN
Max. Speed	100 km/h 120 km/h
Smallest passable curve radius; in train formation / as a single car	150 m 75 m

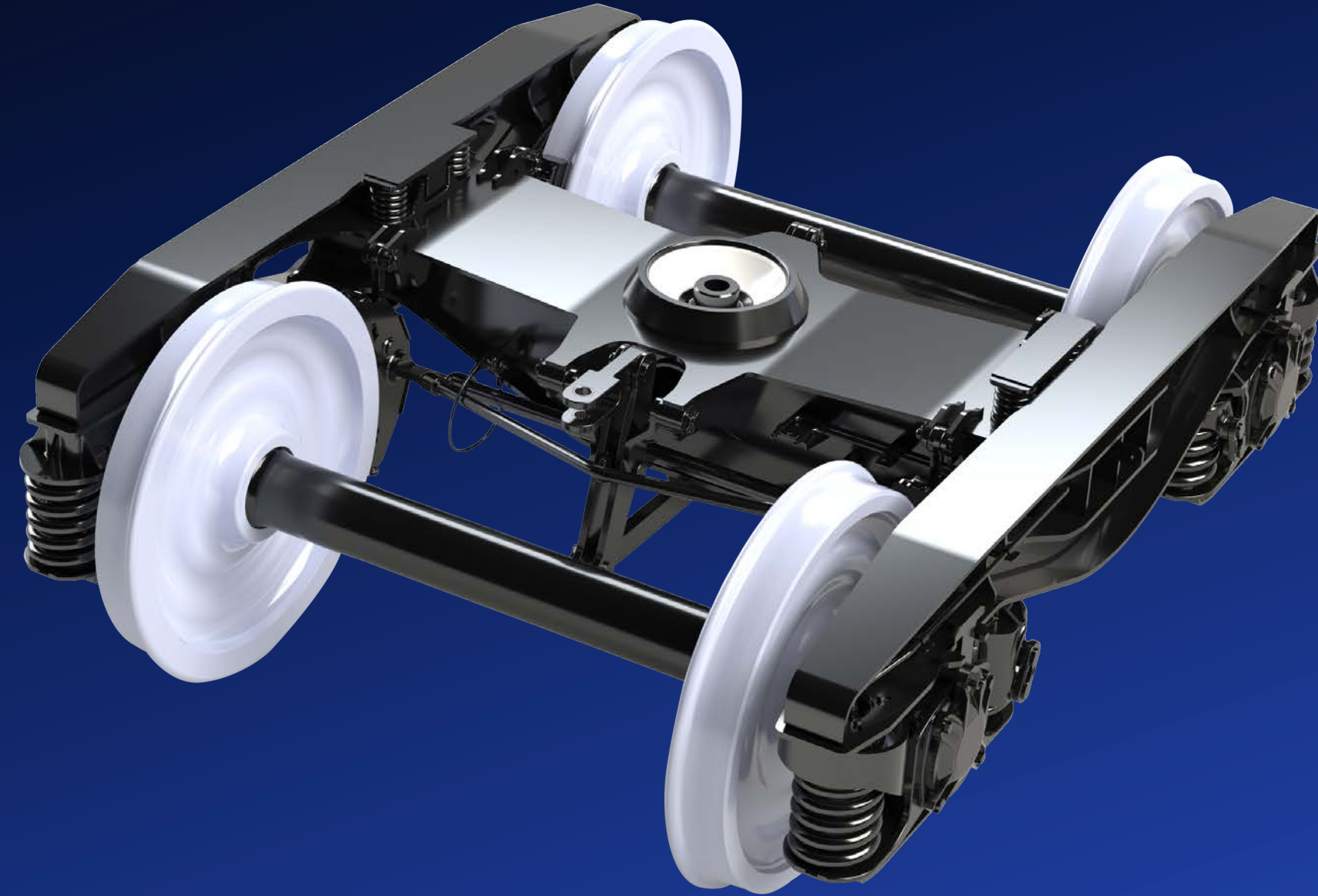
Gauge	G1
Tare weight	32.000 kg
Overall length over buffers	28230 mm
Loading length of the unit on the lower deck	30070 mm
Loading length of the unit on the upper deck	30550 mm
Clearance width between the support columns on the lower loading level	2950 mm
Clearance width on the upper loading level	2750 mm
Axle base	2 x 10000 mm

# Bogies



GÖKRAIL

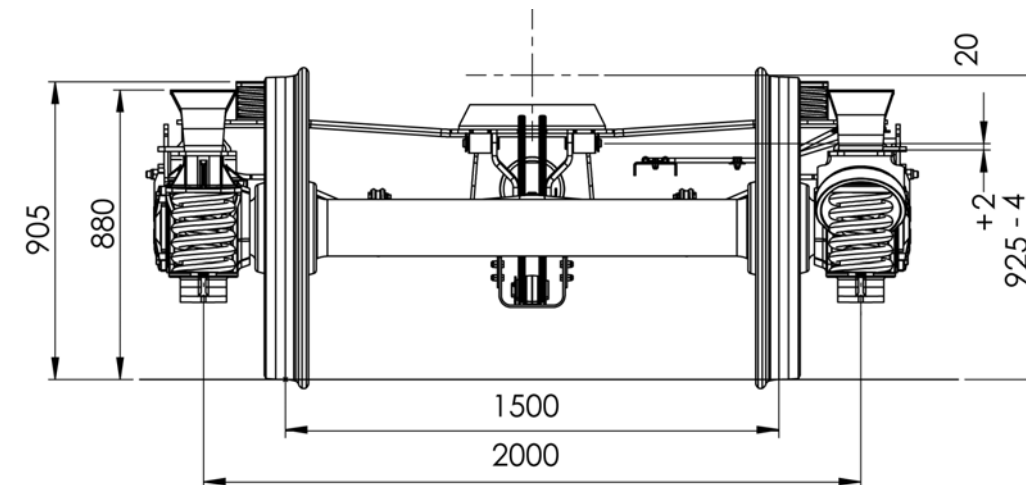
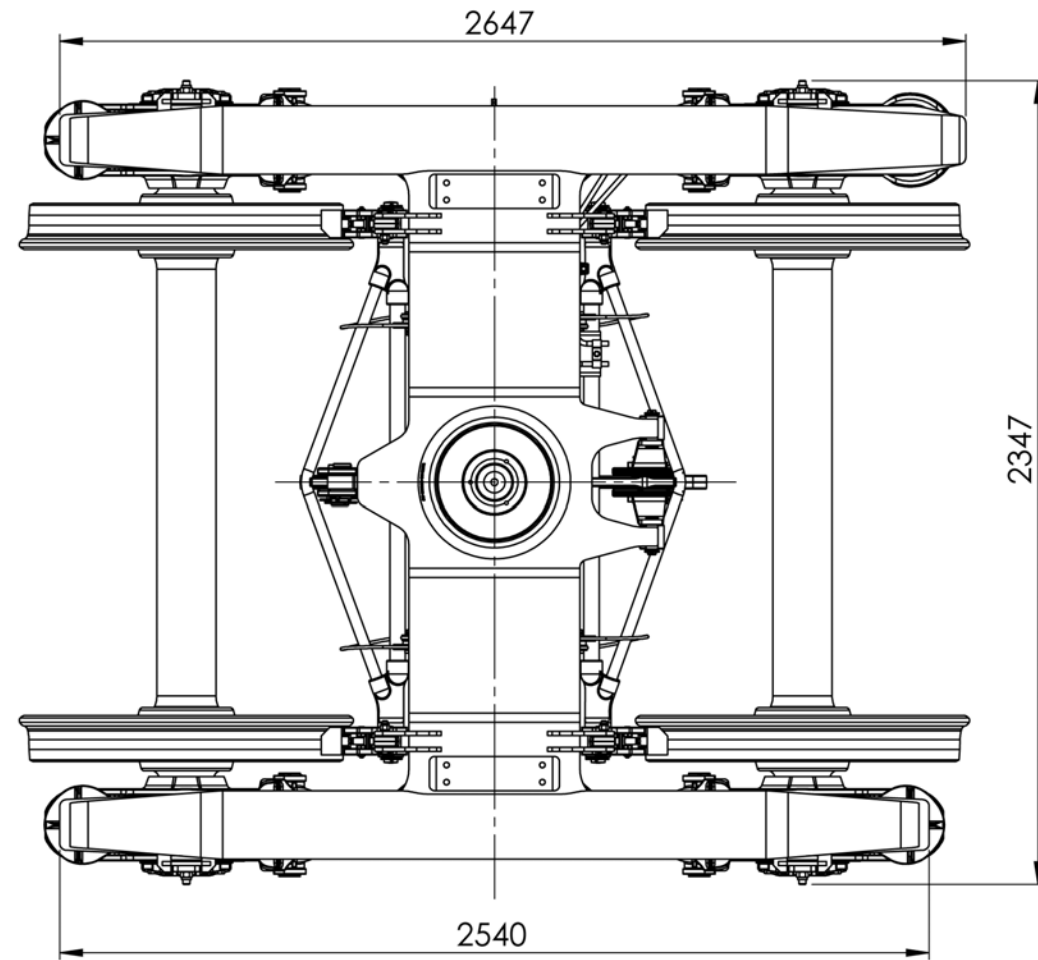
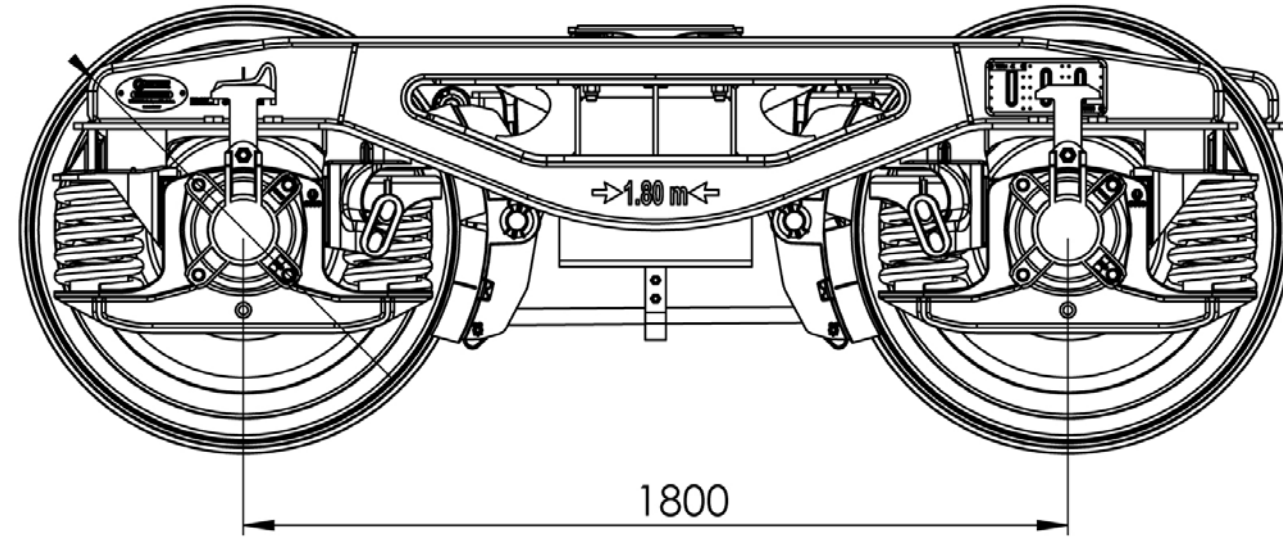
# Y25Ls-K



## *Technical specifications;*

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◆ With a robust welded steel frame, this bogie features coil spring primary suspension and friction damping, offering stable ride quality, durability, and ease of maintenance. It is suitable for use in various wagon types including intermodal, tank, and bulk wagons.

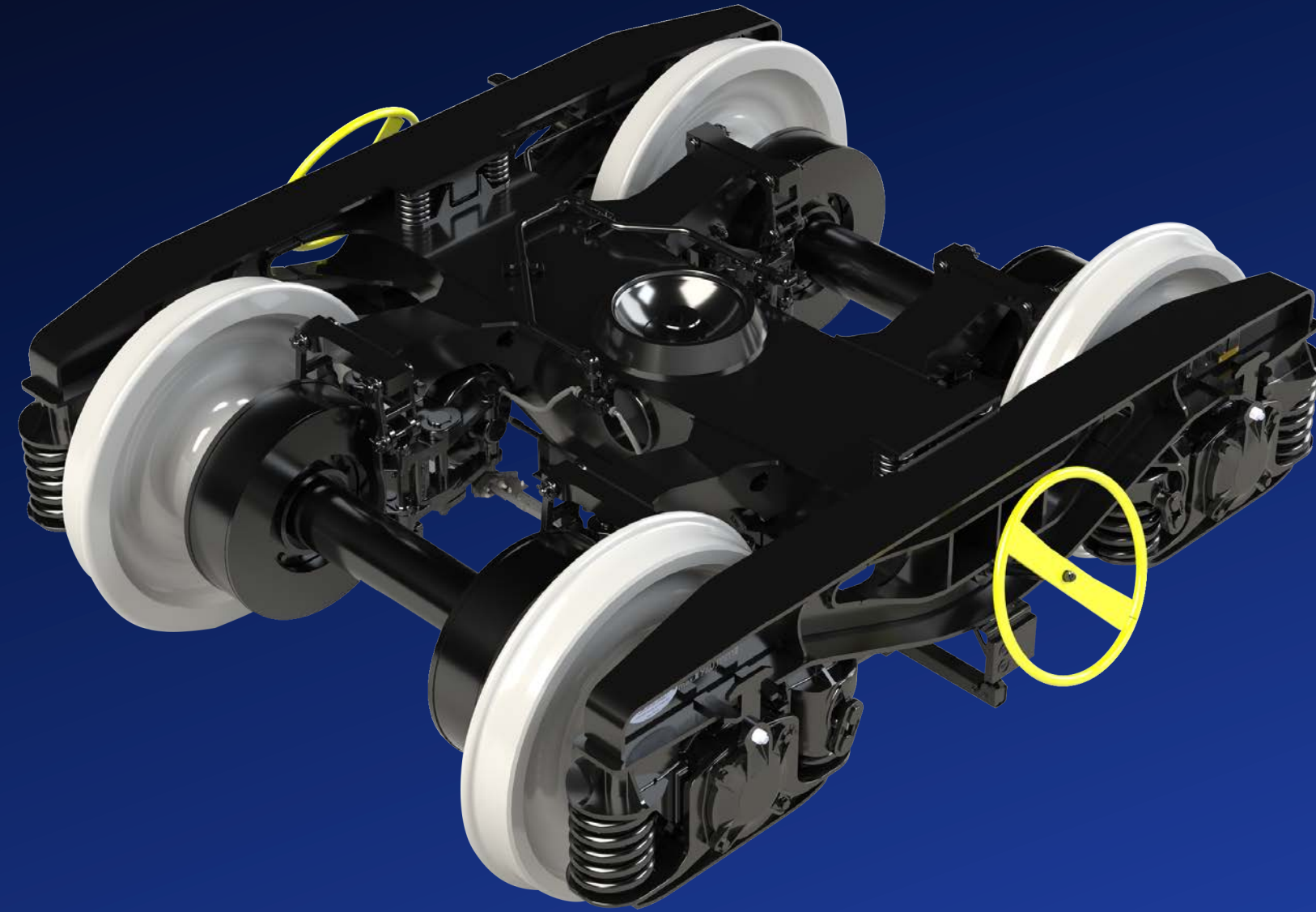


Drawing of bogie frame	GY - B.01.04.00.00.00
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight	4000 %3 kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension for the axle load	Up to 6,63 t = 2,45 mm/t Above 6,63 t = 0,93 mm/t
Maximum running speed	120 km/h
Maximum axle load	22,5 t
Wheel diameter max/min	Ø 920 and Ø 840 mm
Range of outdoor air temperatures	-25 °C to +45°C
Axle type	*
Wheels type	*
Axle roller bearing	WJ/WJP 130x240
Axle box type	*
Maximum cant deficiency	130 mm
Range of distances between bogie pivot or range of wheel base of two axle unit	6.5 m - 20 m
Maximum height of centre of gravity of empty unit	1500 mm
Rail inclination	1:20 , 1: 30 , 1:40
Minimum tare of the unit	4.0 t/axle
Maximum mass distribution coefficient for empty units	0,55
Maximum moment of inertia around vertical axis	5160 kgm <sup>2</sup>

\* Wheelsets , axle and Axle Box types must be according to TSI WAG 2013



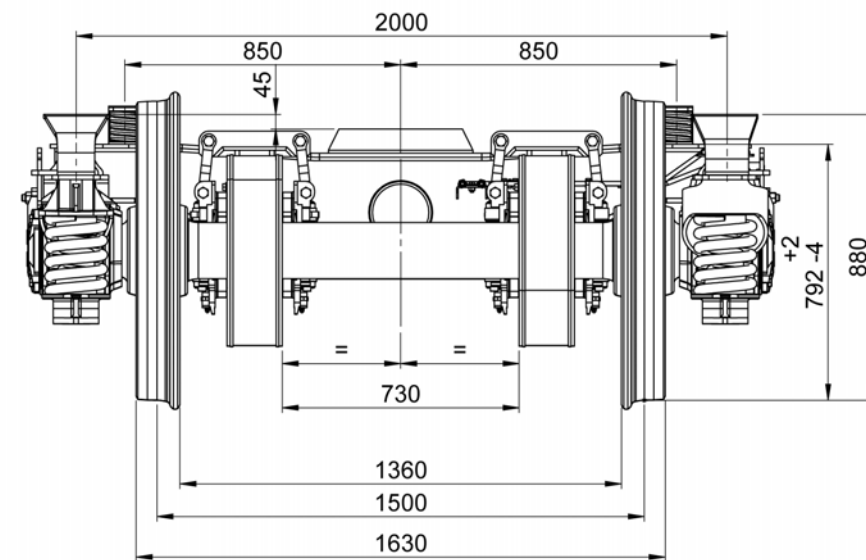
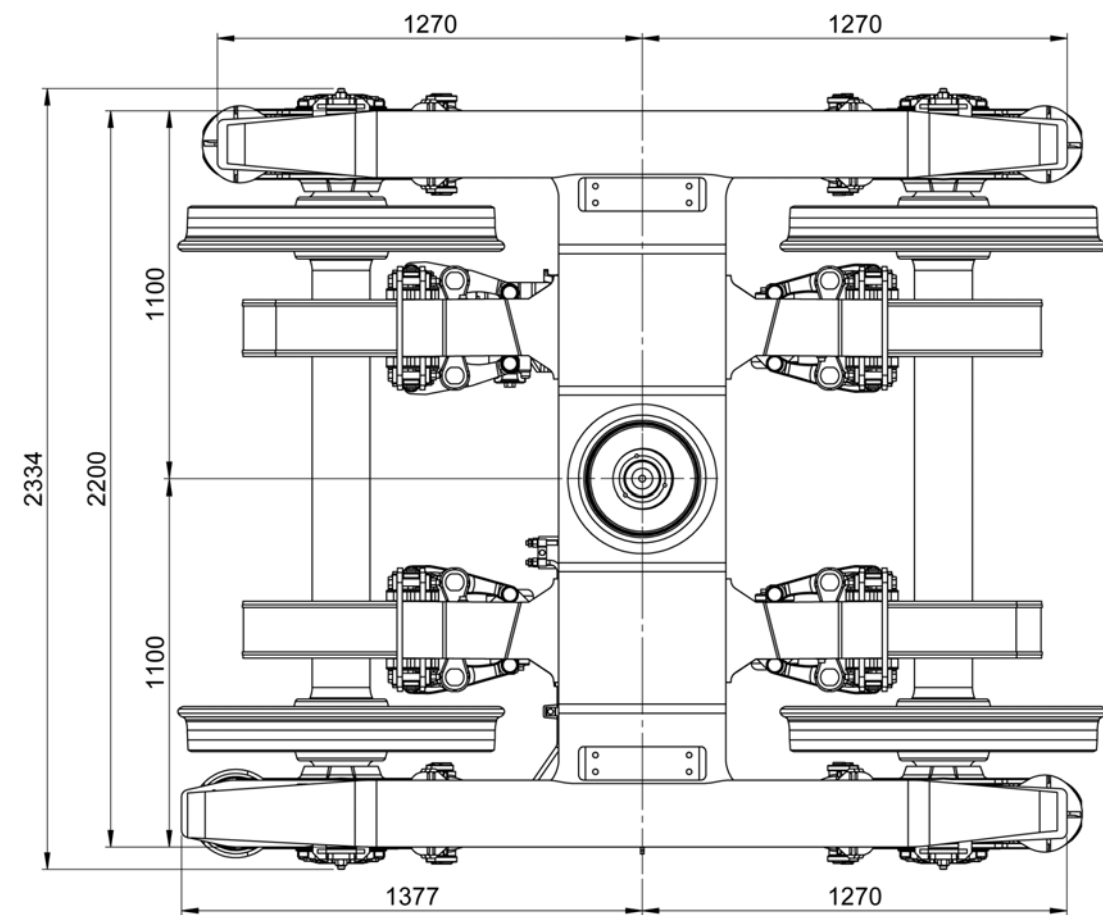
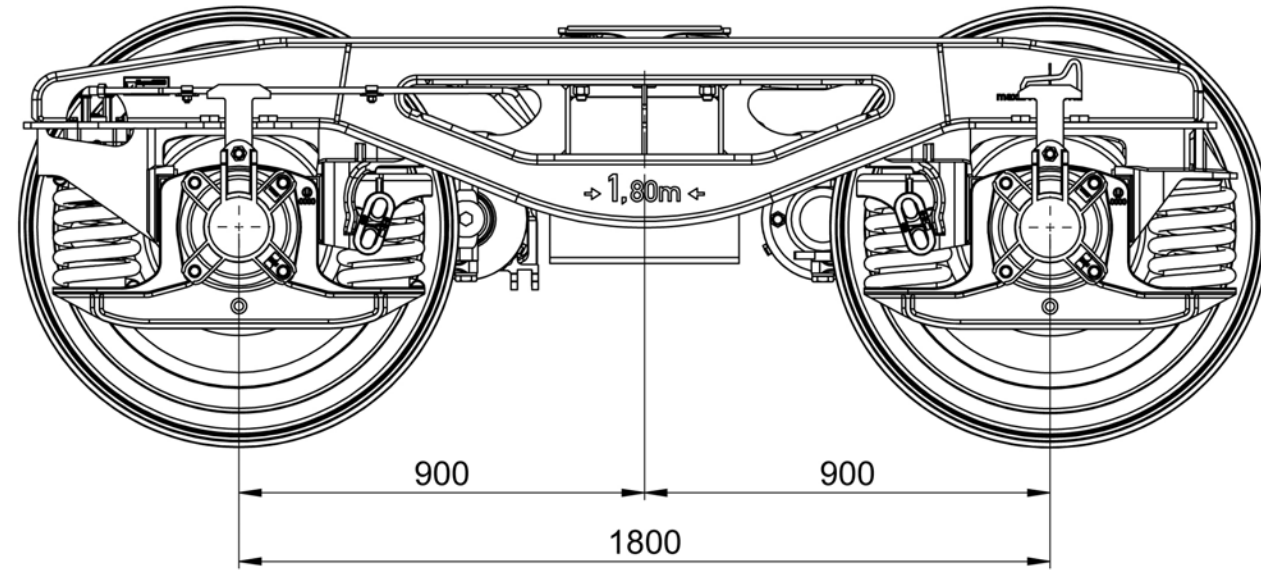
# Y25Lssi(f)-D



## *Technical specifications;*

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◆ The headstock-free design of this bogie retains the same interface dimensions and key characteristics as the standard Y25Ls1-K model. While removing the headstock maintains equivalent structural strength and dynamic performance, it also results in a lighter frame and a more compact overall design. Integrating the disc brake system directly into the bogie significantly reduces wheel wear and operating noise, enhancing both performance and environmental efficiency.



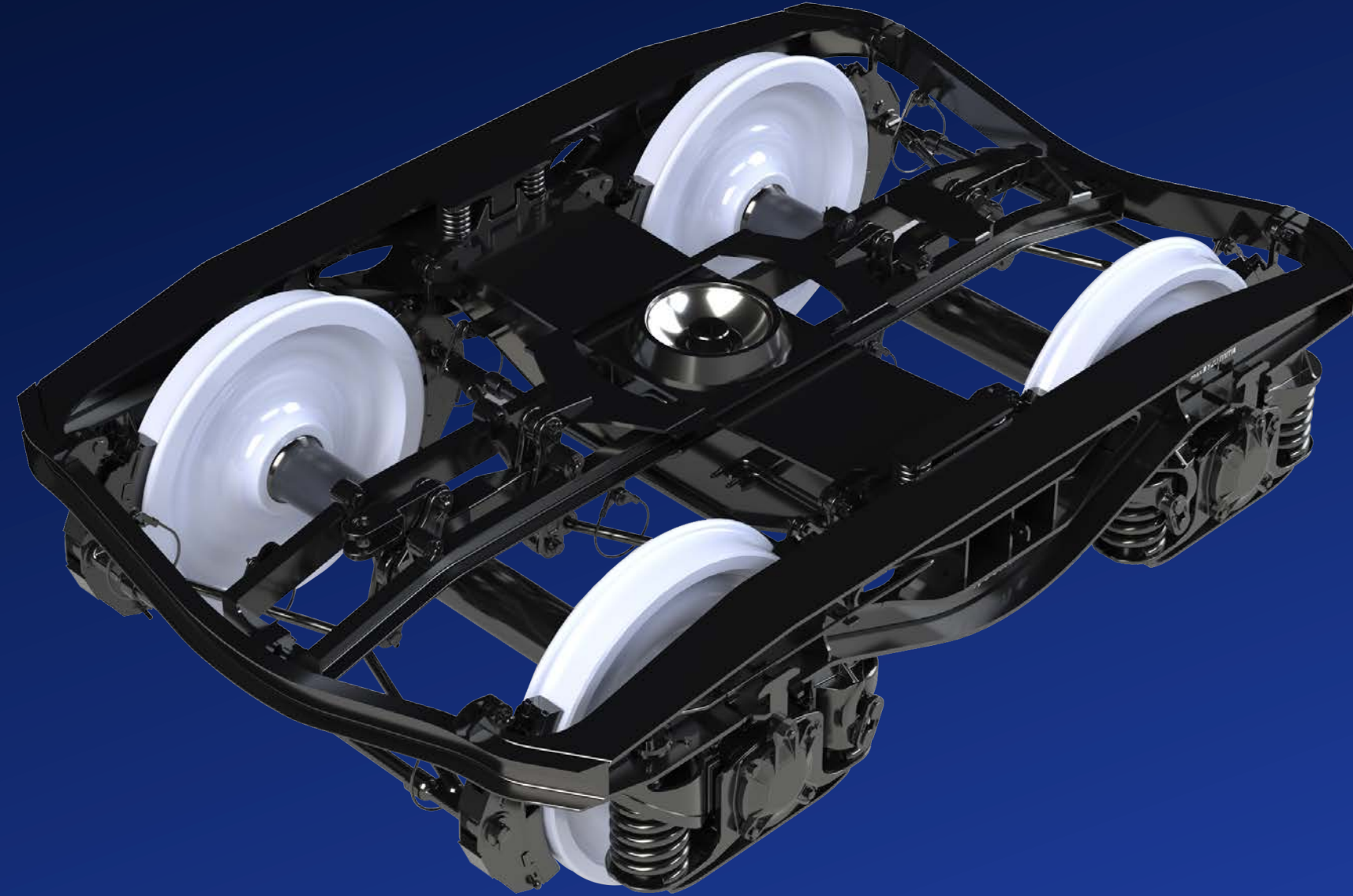
Drawing of bogie frame	GY-B.04.00.00.00.00
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight :Without hand brake / with hand brake	5000 ± %3 kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension for the axle load	Up to 6,63 t = 2,45 mm/t Above 6,63 t = 0,93 mm/t
Maximum running speed	120 km/h
Maximum axle load	22,5 t
Wheel diameter max/min	Ø 920 and Ø 840 mm
Range of outdoor air temperatures	-25 °C to +45°C
Axle type	*
Wheels type	*
Axle roller bearing	WJ/WJP 130x240
Axle box type	*
Maximum cant deficiency	130 mm
Range of distances between bogie pivot or range of wheel base of two axle unit	6.5 m - 20 m
Maximum height of centre of gravity of empty unit	1500 mm
Rail inclination	1:20 , 1: 30 , 1:40

\* Wheelsets , axle and Axle Box types must be according to TSI WAG 2013

**GÖKRAIL**

Y25Lssi(f)-D Vagon Karakteristiği  
Y25Lssi(f)-D Wagon Characteristics  
GR-160.00.00.00

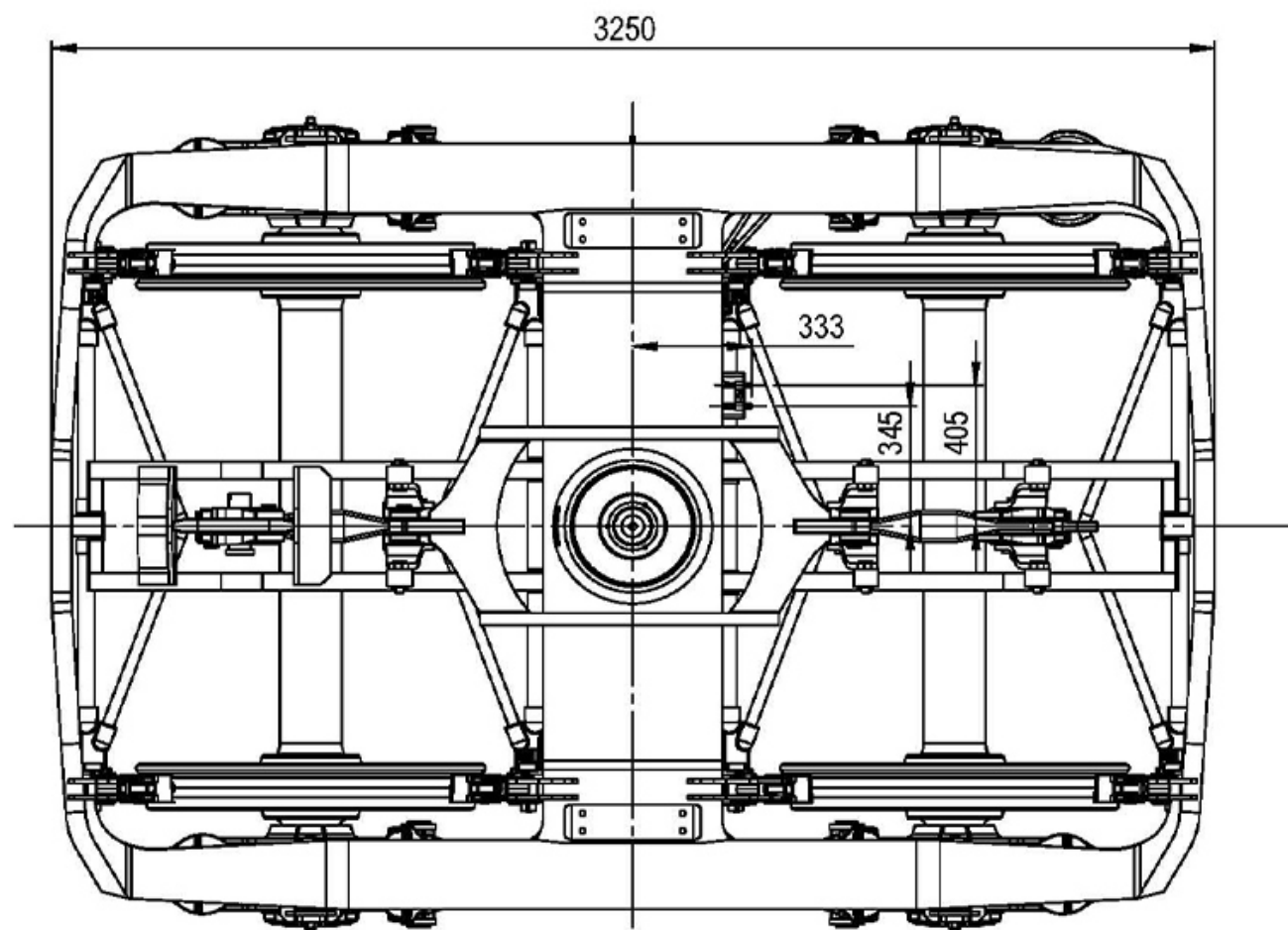
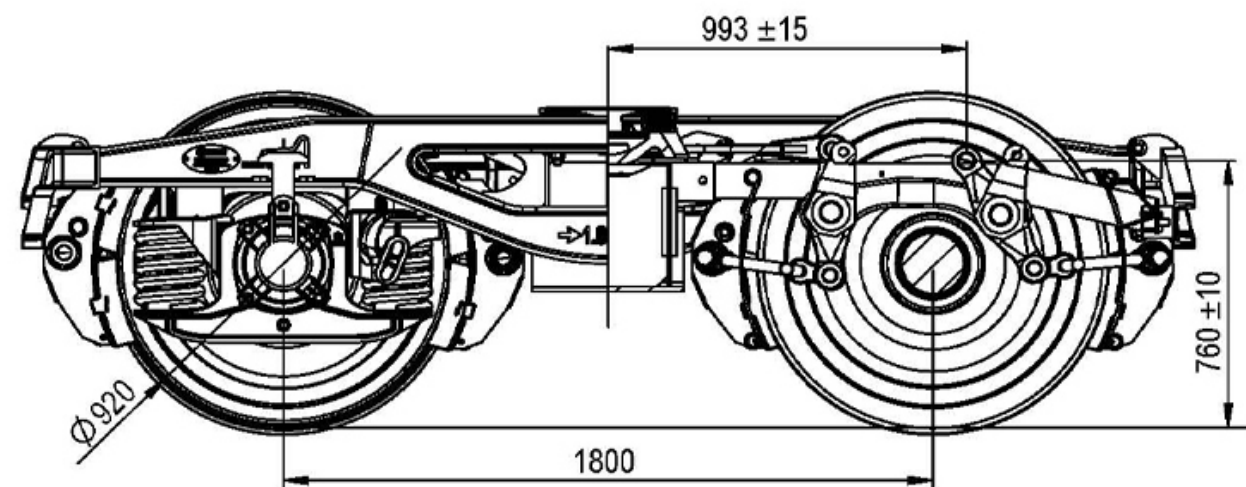
# Y25Ls(s)1-K



## *Technical specifications;*

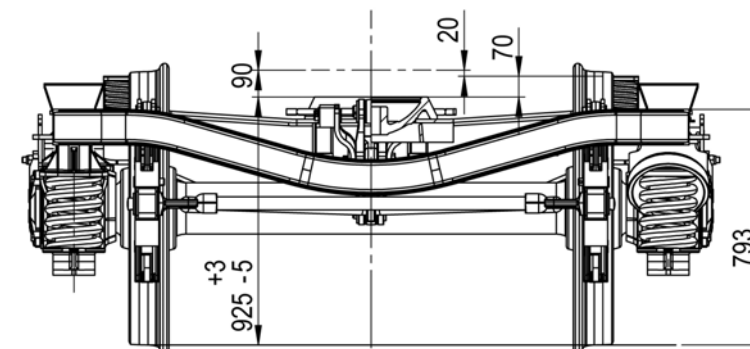
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◆ This standard bogie type is suitable for a wide range of freight wagons. The bogie is TSI certified and has been designed and approved as an interoperability component in accordance with TSI requirements.



Drawing of bogie frame	GY - B.01.04.00.00.00
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight	4450 (+/-5 %) kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension for the axle load	Up to 6,63 t = 2,45 mm/t Above 6,63 t = 0,93 mm/t
Maximum running speed	120 km/h
Maximum axle load	22,5 t
Wheel diameter max/min	Ø 920 and Ø 840 mm
Range of outdoor air temperatures	-25 °C to +45°C
Axle type	*
Wheelset type	*
Axle roller bearing	WJ/WJP 130x240
Axle box type	*
Maximum cant deficiency	130 mm
Range of distances between bogie pivot or range of wheel base of two axle unit	6.5 m - 20 m
Maximum height of centre of gravity of empty unit	1500 mm
Rail inclination	1:20 , 1: 30 , 1:40
Minimum tare of the unit	4.0 t/axle
Maximum mass distribution coefficient for empty units	0,55
Type of brake	2xBgu/ 2xBg

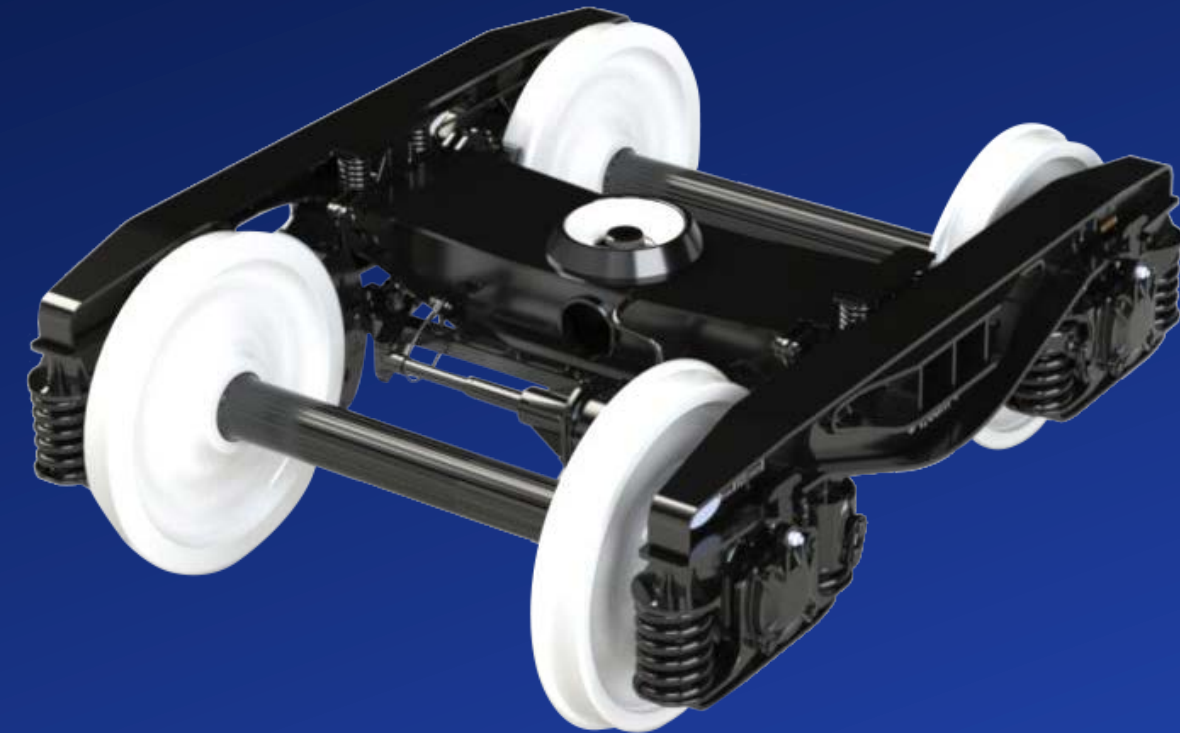
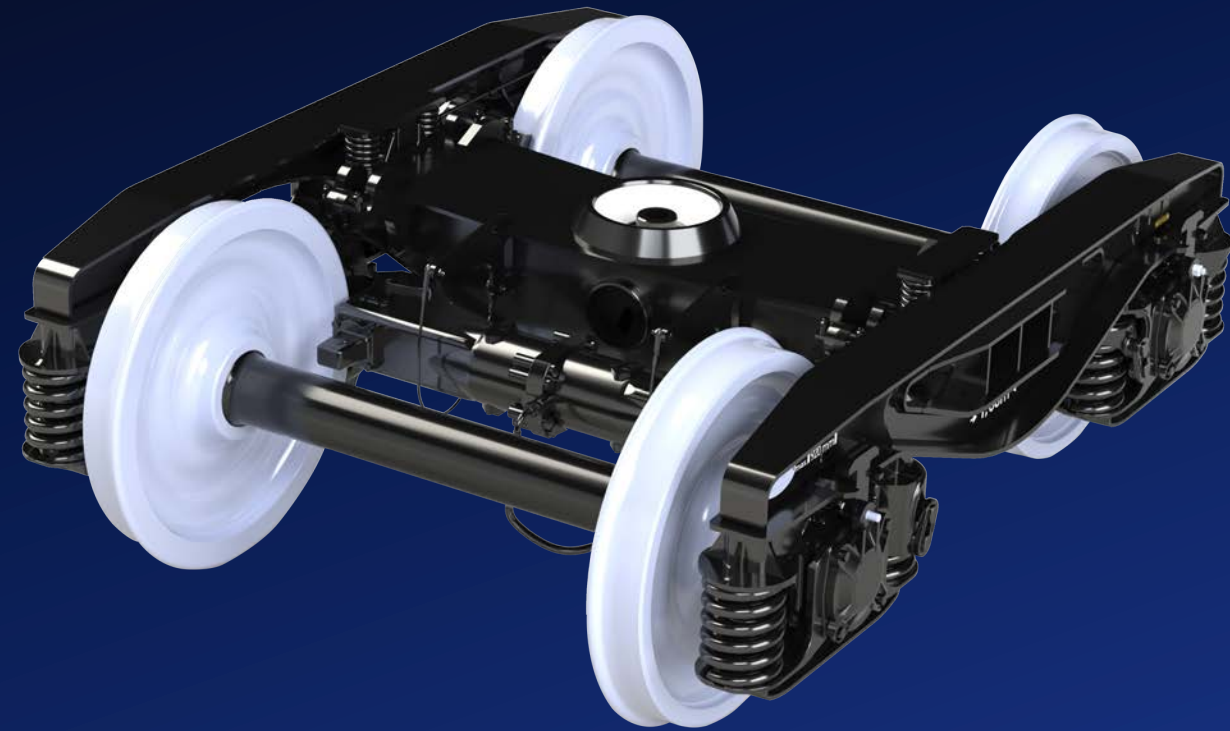
\* Wheelsets , axle and Axle Box types must be according to TSI WAG 2013



**GÖKRAIL**

Y25Ls(s)1-K / Y25Ls(s)d1 - Bogie  
Characteristic

# Y25Lsdi-KC1

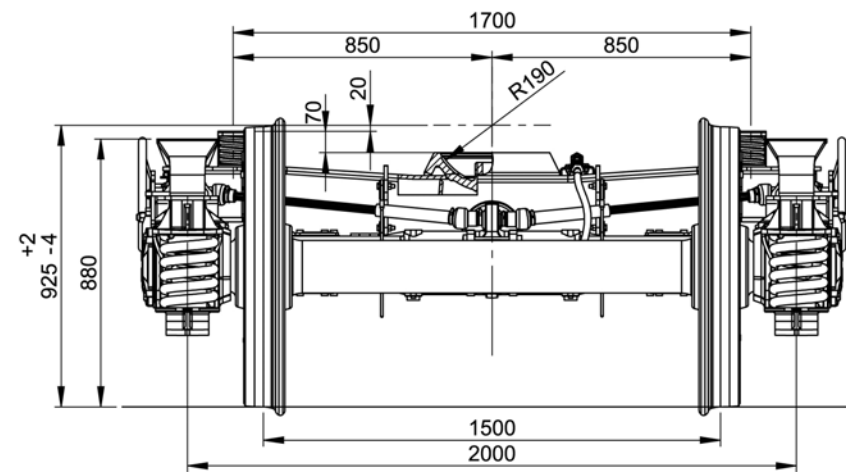


## *Technical specifications;*

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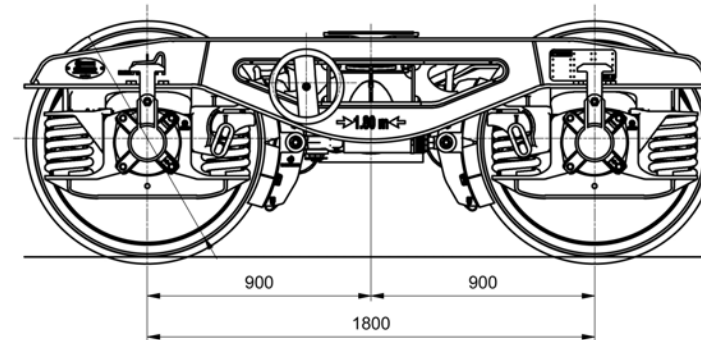
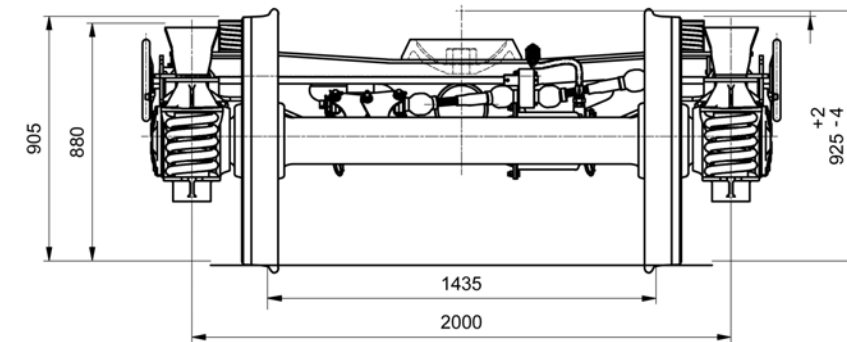
◆ This specialized bogie with an integrated brake system is particularly well-suited for freight wagons where mounting the brake equipment directly onto the wagon structure is challenging or impractical.

◆ By incorporating the braking components directly into the bogie, issues related to weight distribution and limited space are effectively resolved. The bogie is equipped with Knorr CFCB and Wabtec IBB10 brake unit, ensuring reliable and efficient braking performance .



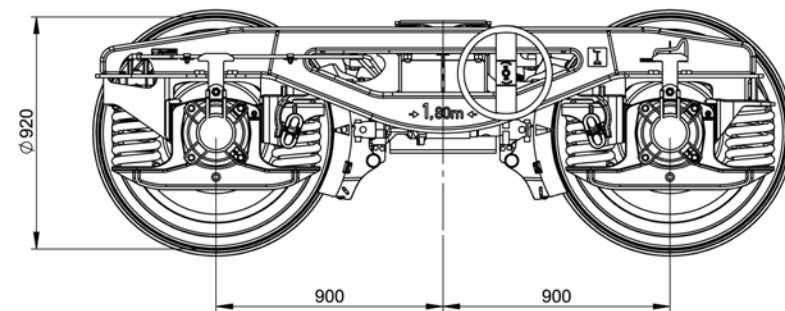
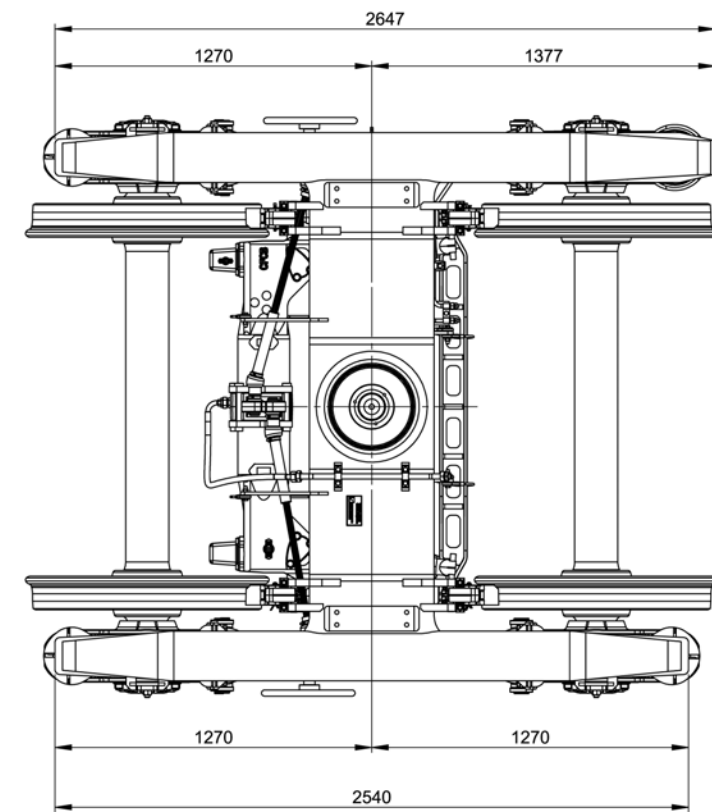
Drawing of bogie frame	GY - B.01.00 .00.00.00-A-KB
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight	4000 (+/- 3 %) kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension for the axle load	Up to 6,63 t = 2,45 mm/t Above 6,63 t = 0,93 mm/t
Maximum running speed	120 km/h
Maximum axle load	22,5 t
Wheel diameter max/min	Ø 920 and Ø 840 mm
Range of outdoor air temperatures	-25 °C to +4 5°C
Axle type	*
Wheelset type	*
Axle roller bearing	WJ/WJP 130x240
Axle box type	*
Maximum cant deficiency	130 mm
Range of distances between bogie pivot or range of wheel base of two axle unit	6.5 m - 20 m
Maximum height of centre of gravity of empty unit	1500 mm
Rail inclination	1:20 , 1: 30 , 1:40
Minimum tare of the unit	4.0 t/axle
Maximum mass distribution coefficient for empty units	0,55
Type of brake	1xBgu

\* Wheelsets , axle and Axle Box types must be according to TSI WAG 201



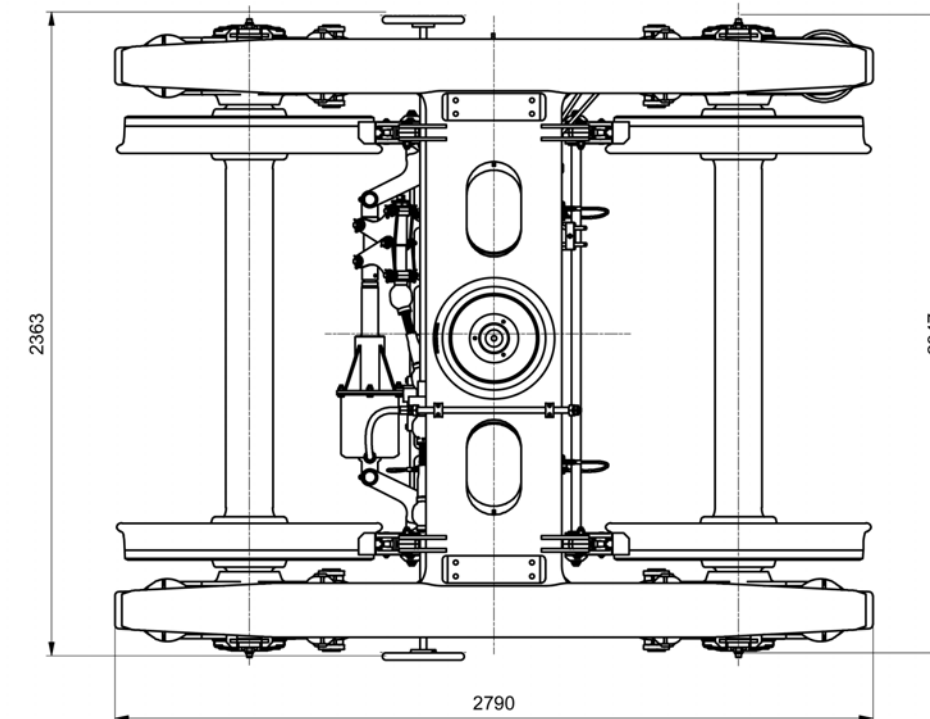
Drawing of bogie frame	GY - B.01.00.00.00.00-A
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight	4000 (+/- 3 %) kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension for the axle load	Up to 6,63 t = 2,45 mm/t Above 6,63 t = 0,93 mm/t
Maximum running speed	120 km/h
Maximum axle load	22,5 t
Wheel diameter max/min	Ø 920 and Ø 840 mm
Range of outdoor air temperatures	-25 °C to +45°C
Axle type	*
Wheelset type	*
Axle roller bearing	WJ/WJP 130x240
Axle box type	*
Maximum cant deficiency	130 mm
Range of distances between bogie pivot or range of wheel base of two axle unit	6.5 m - 20 m
Maximum height of centre of gravity of empty unit	1500 mm
Rail inclination	1:20 , 1: 30 , 1:40
Minimum tare of the unit	4.0 t/axle
Maximum mass distribution coefficient for empty units	0,55
Type of brake	1xBgu

\* Wheelsets , axle and Axle Box types must be according to TSI WAG 201



**GÖKRAIL**

Y25Lsdif-KC1 Bogie Characteristic  
GY-B.01.00.00.00.00-A-KB



**GÖKRAIL**

H Type Bogie (MZT Wabtec with Brake)  
GY-B.01.01.00.00.00

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# Spare Parts



GÖKRAIL

# Draw Gear

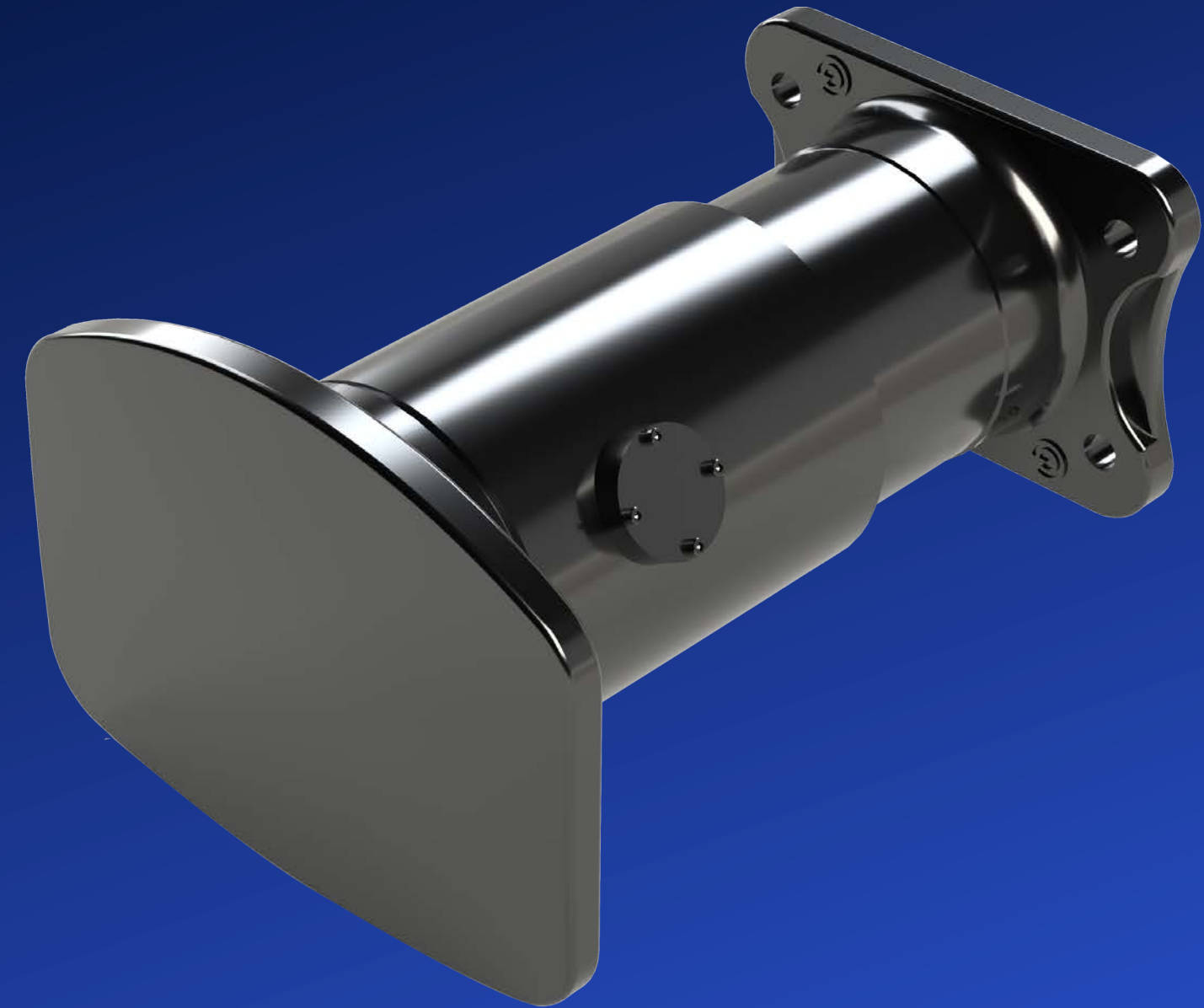


## *Technical specifications;*

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◆ This high-strength Draw Gear is specifically engineered for demanding freight and industrial applications where secure load transfer and durability are critical. Designed to withstand extreme forces, it ensures safe and efficient coupling between wagons, locomotives, or heavy machinery, even under high dynamic loads. EN 15566 standard, as well as the UIC 520 leaflet, and it ensures energy absorption of 20 kJ and Suitable for 1500 kN towing hooks.

# Buffer



## *Technical specifications;*

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◆ This heavy-duty Buffer is designed to absorb and dissipate kinetic energy during coupling and shunting operations, ensuring smooth and safe load transfer between rail vehicles and industrial equipment. Engineered for maximum impact resistance, it minimizes shock forces, protecting both the rolling stock and cargo from excessive stress.



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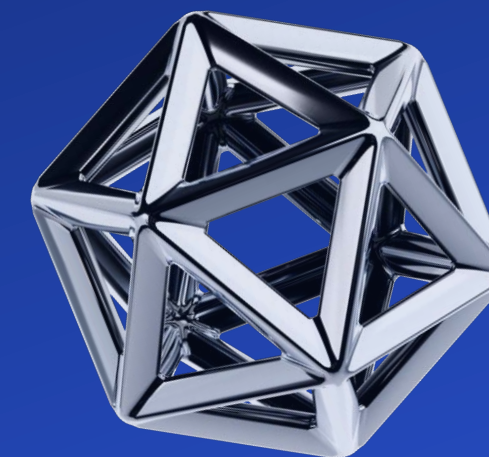
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