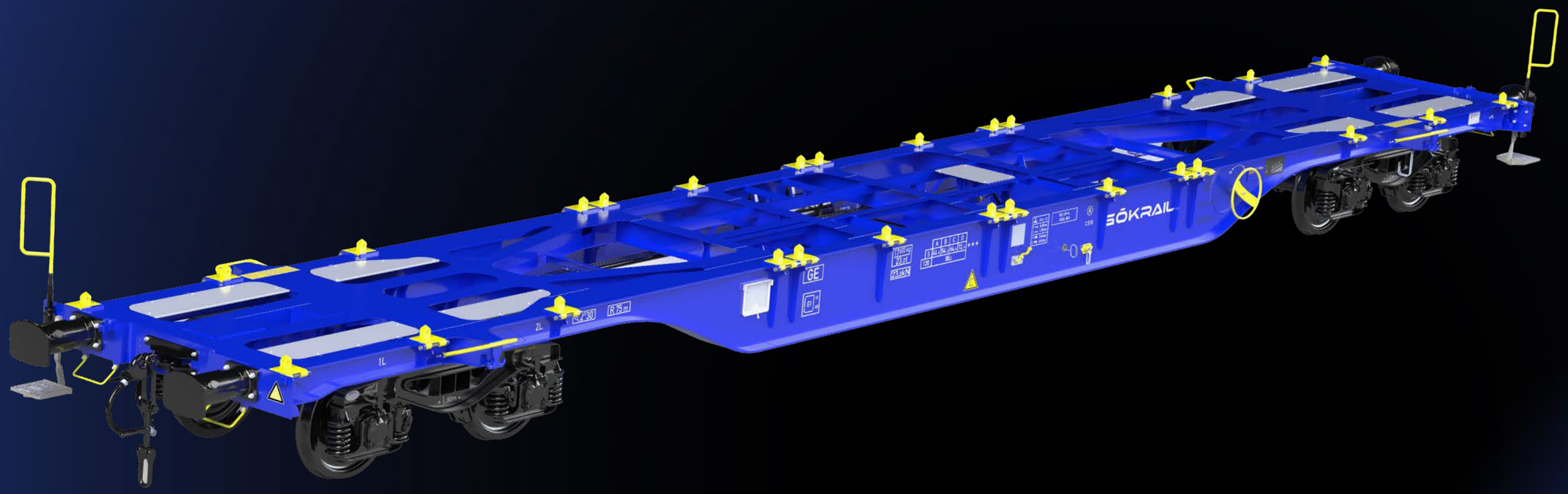
GÓKRAIL



PRODUCT CATALOG

2025

- 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:

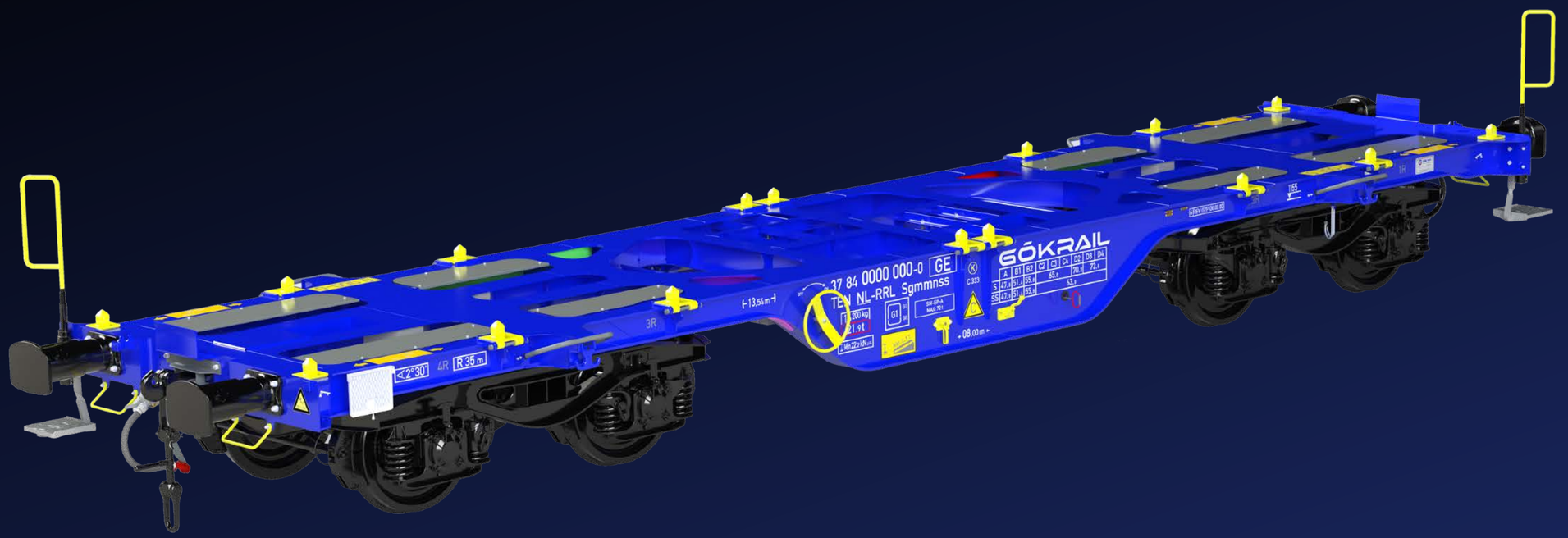
- Wagon body assembly
- Bogie production
- Surface treatment and paint booths
- CNC machining and welding stations
- Brake, drawgear, and underframe component fitting

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

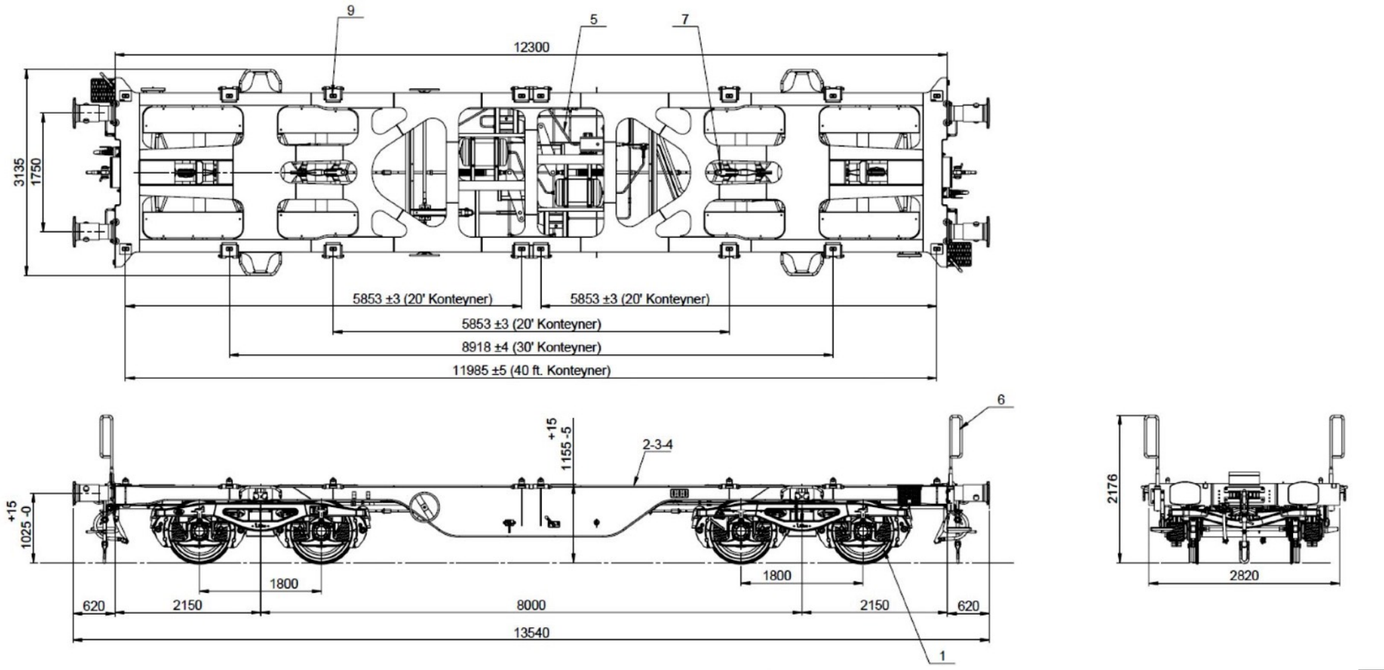
Sgmmnss 40’



Technical specifications;

- The Sgmmnss 40’ flat wagon is designed for the efficient and secure transportation of intermodal containers and swap bodies.

Sgmmnss 40’



YÜKLEME TABLOSU
LOADING TABLE

	A	B	C	D
S	47,8	55,8	65,8	73,8
SS	47,8	55,8	63,8	

	Vagon Tipi *Wagon Type*	**Sgmmnss 40'**
DARA *Tare*	**WABTEC MZT Fren sistemi ile** *With the KNORR Brake System*	**≈16,2 t**
	Yüklü vagon ağırlığı *With the Mass of loaded wagon*	**90 t**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**Y25Ls(s)1-K**
	Dingil Yükü *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 EN 15551+A1**
	Tampon Tipi *Buffer Type*	**Category A**
	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*	**Wabtec- SW4s/ 'ss' /Conv.**
	Sabo Tipi *Brake Shoes Type*	***C333***
	El Fren *Park Brake*	**Boji Üzerinde** *Integrated Bogie*
	Boş Vagonun Max. Hızı *Max. Speed of Empty Wagon*	**120 km/h**
	Yüklü Vagonun Max. Hızı (22,5 t /20 t) *Max. Speed of Loaded Wagon(22,5t/20t)*	**100 km/h/120km/h**
DİĞER ÖZELLİKLER *Other Features*	**Kurp Yarıçapı** *Curve Radius*	**75 m**
	Yükleme Yüksekliği *Loading Height*	**1 155 mm**
	Güvenlik Pimi Sayısı *Number of ct. Spigots*	**16**

YUKLEME 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

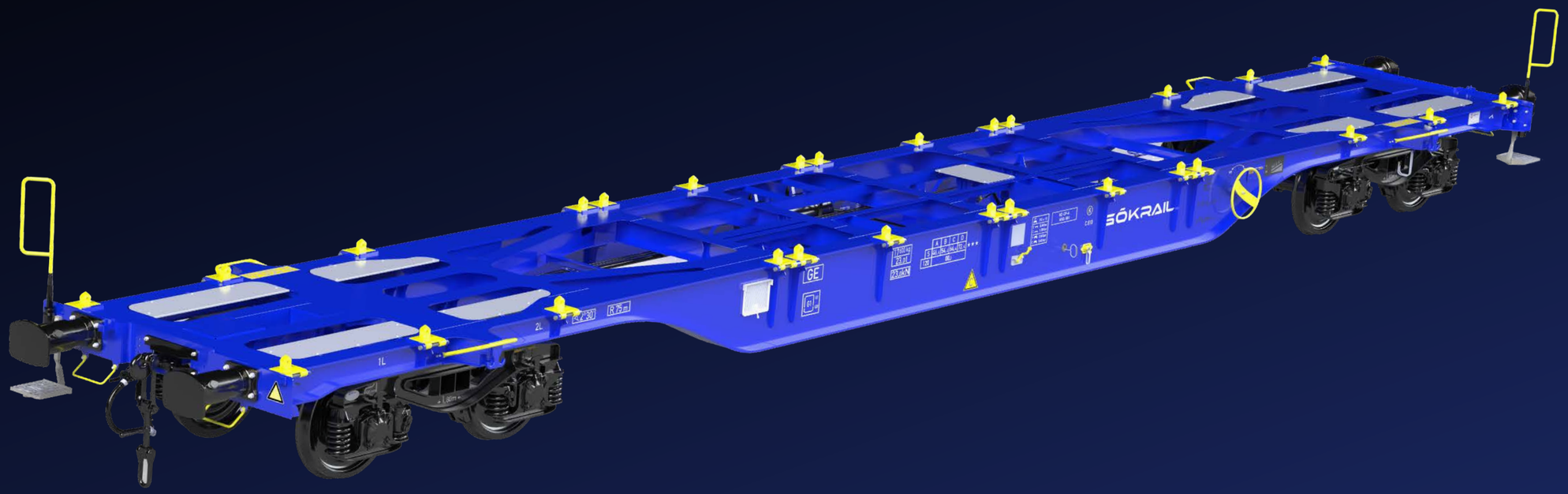
Suitable for carrying 20`, 30` and 40` containers and swap bodies in symmetrical and asymmetrical load configurations

GÖKRAIL

GR.110.00.00.00

Sgmmnss 40' Vagon Karakteristiği
Sgmmnss 40' Wagon Characteristics

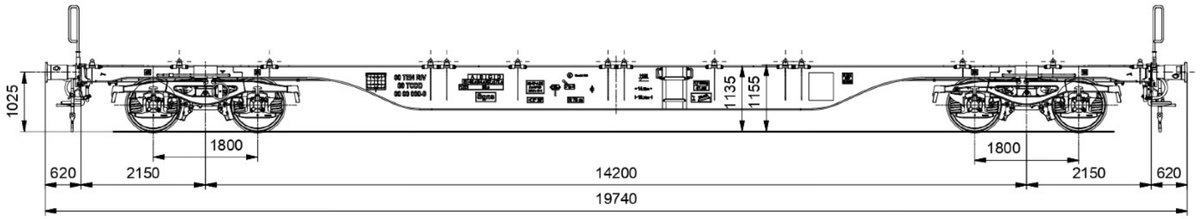
Sgns 60’

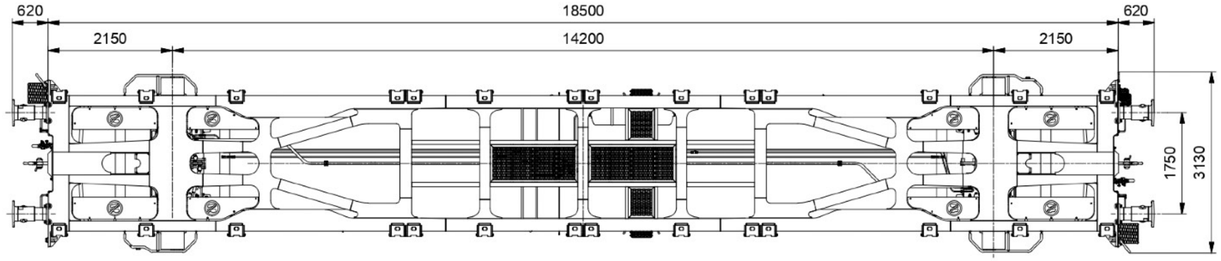


Technical specifications;

✦ The **Sgns 60’ flat wagon** is a 4-axle intermodal freight wagon designed for the efficient transportation of ISO containers and swap bodies.

Sgns 60’





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)

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

	Vagon Tipi *Wagon Type*	**Sgns 60'**
DARA *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**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**Y25Lsdi-KC1/ Y25 Lsdi(f)-KC1**
	Dingil Yükü *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 EN 15551+A1 with polymer pads**
	Tampon Tipi *Buffer Type*	**Category A**
	Tampon Siası *Buffer Stroke*	**105 mm**

CER *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**
FREN SİSTEMİ *Brake System*	**Fren Tipi** *Brake Type*	**IBB 10 and CFCB brake systems**
	Sabo Tipi *Brake Shoes Type*	**Cosid 810/ 1xBgu**
	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**
DİĞER ÖZELLİKLER *Other Features*	**Kurp Yarıçapı** *Curve Radius*	**75 m**
	Yükleme Yüksekliği *Loading Height*	**1 155 mm**
	Güvenlik Pimi Sayısı *Number of ct. Spigots*	**28**

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

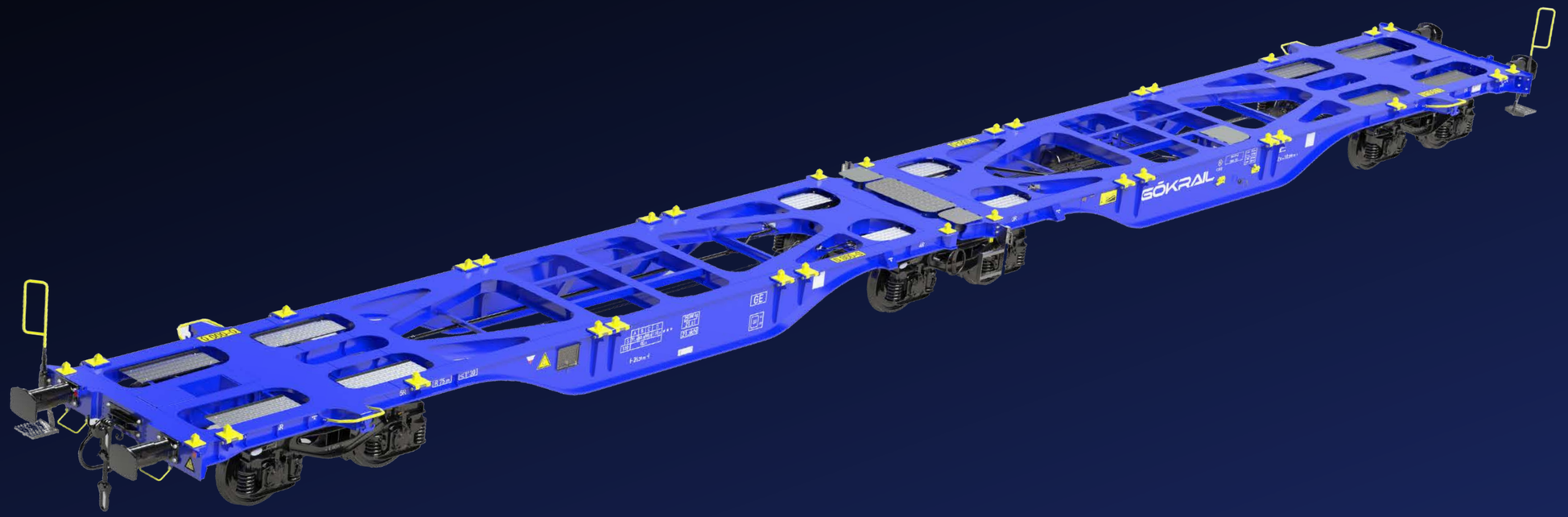
Suitable for carrying 10', 20`, 30`,40' and 45` containers and swap bodies in symmetrical and asymmetrical load configurations

GÖKRAIL

V.58.01.00.00

Sgns 60' Vagon Karakteristiği
Sgns 60' Wagon Characteristics

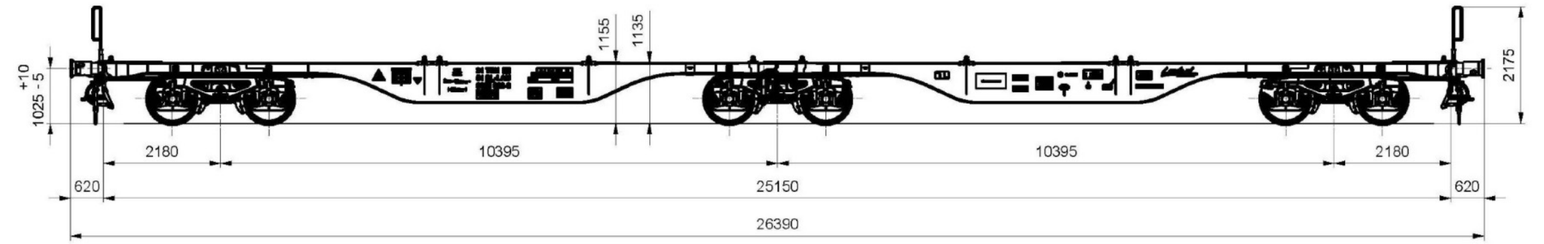
Sggrs 80’

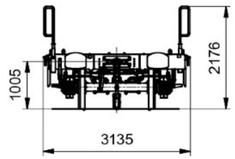


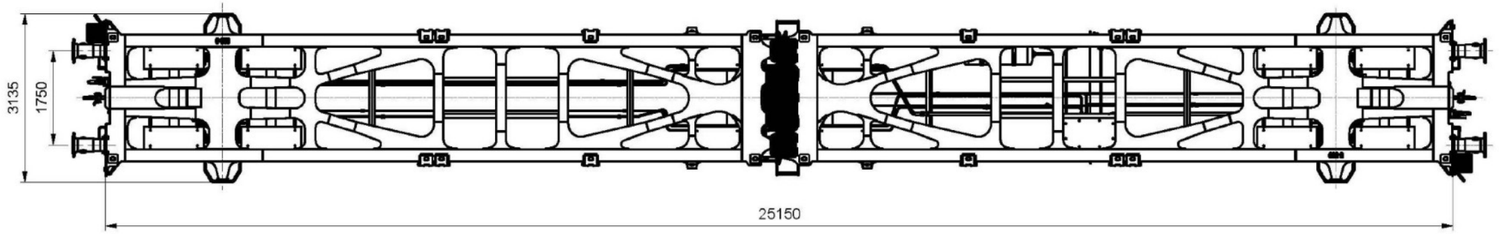
Technical specifications;

✦ 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.

Sggrs 80'







YÜKLEME TABLOSU
LOADING TABLE

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

	Vagon Tipi *Wagon Type*	**Sggrs 80'**
	DARA *TARE*	**≈ 25 t**
	YÜKLEME KAPASİTESİ *Payload*	**110 t**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**Y25Lsdi(f) - KC1 H Tipi / H Type**
	Dingil Yükü *Axle Load*	**22.5 t**
	Ray Açıklığı *Railway Clearance*	**1 435 mm**
	Tekerlek Tipi ve Çapı *Wheelset Type and Dia.*	**Ø920**
	Dingil Eksenleri Arası *Distance Between axes*	**1 800 mm**
TAMPON *Buffer*	**Tampon** *Buffer*	**According to UIC 526-1 EN 15551+A1**
	Tampon Tipi *Buffer Type*	**Category A**
	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*	**MH-GP-A-3x IBB 10**
	Sabo Tipi *Brake Shoes Type*	**K Tipi Kompozit Cosid 810** *K Type Composite Cosit 810*
	El Fren *Park Fren*	Boji üzerinde *On the 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**
	Yükleme Yüksekliği *Loading Height*	**1 155 mm**
	Güvenlik Pimi Sayısı *Number of ct. Spigots*	**20**

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

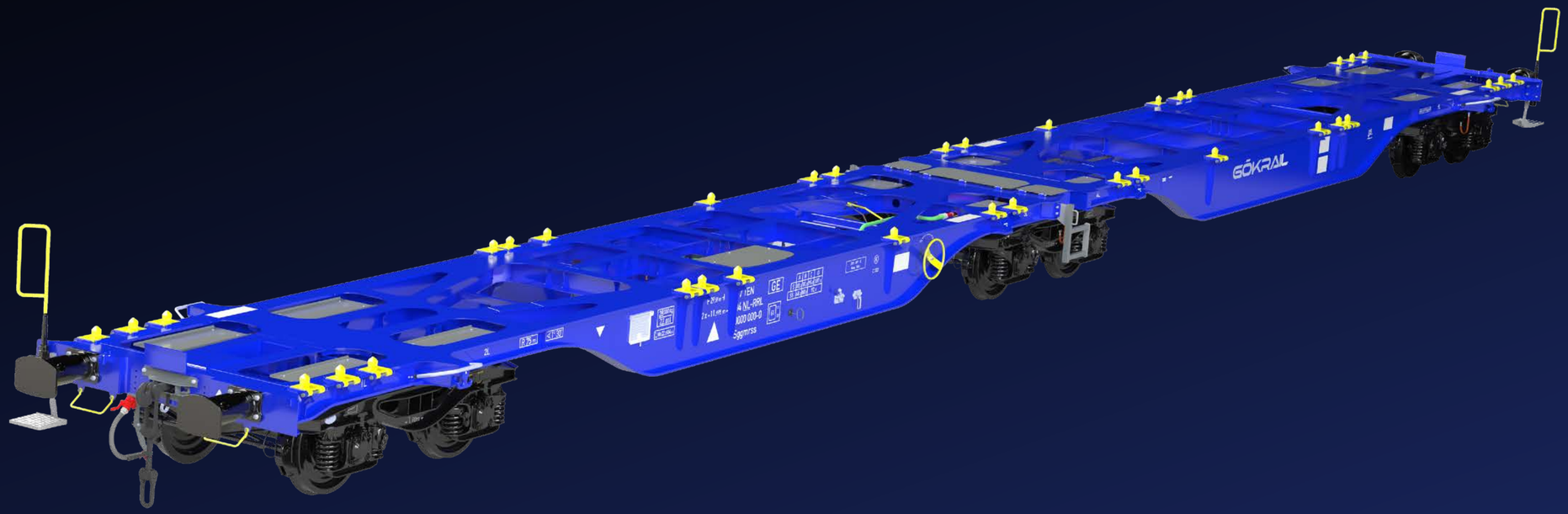
Suitable for carrying 20`, 30` and 40` containers and swap bodies in symmetrical and asymmetrical load configurations

GÖKRAIL

GR-80.01.00.00

Sggrs 80' Vagon Karakteristiği
Sggrs 80' Wagon Characteristics

Sggmrs 90’



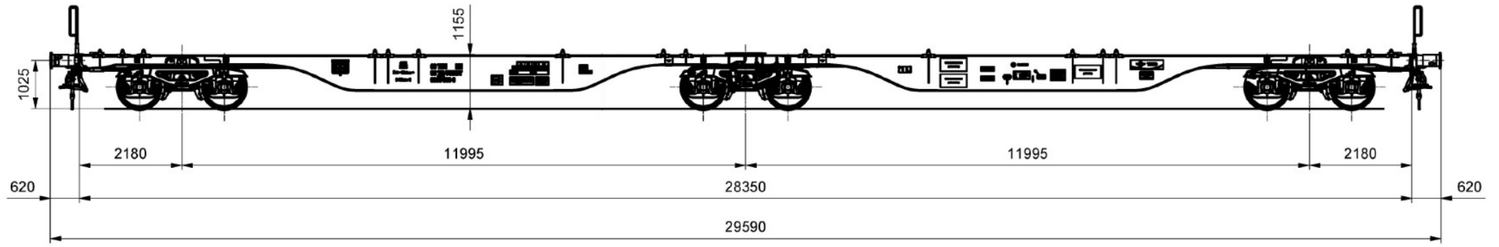
Technical specifications;

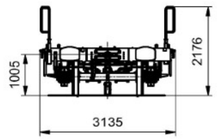
✦ **The Sggmrs 90’** is a high-capacity, double-pocket intermodal wagon designed to transport two 45’ containers or various combinations of swap bodies and tank containers with maximum efficiency.

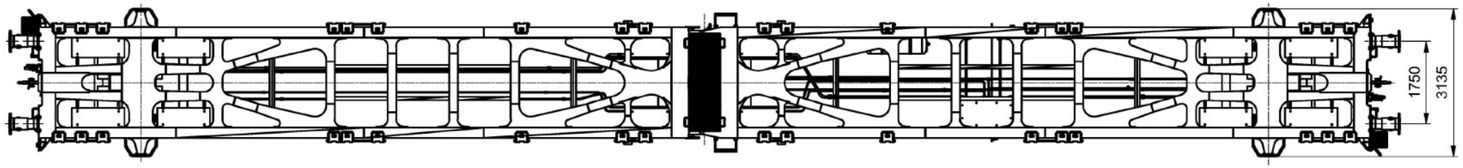
✦ With its lightweight steel construction and optimized bogie design, the Sggmrs offers excellent load distribution and reduced tare weight—providing fuel savings and faster turnaround times for rail operators.

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

Sggmrs 90'







YÜKLEME TABLOSU
LOADING TABLE

	A	B	C	D
S	70	82	97	109
120	00,0			

	Vagon Tipi *Wagon Type*	**Sggmrs 90'**
	DARA *TARE*	**≈ 26 t**
	YÜKLEME KAPASİTESİ *Payload*	**109 t**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**Y25Lsdi(f) - KC1 H Tipi / H Type**
	Dingil Yükü *Axle Load*	**22.5** t
	Ray Açıklığı *Railway Clearance*	**1 435 mm**
	Tekerlek Tipi ve Çapı *Wheelset Type and Dia.*	**Ø920**
	Dingil Eksenleri Arası *Distance Between axes*	**1 800 mm**
TAMPON *Buffer*	**Tampon** *Buffer*	**According to UIC 526-1 EN 15551+A1**
	Tampon Tipi *Buffer Type*	**Category A**
	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 Regime** *Brake Type/ Brake Regime*	**KE-GP-A (K), CFCB / S**
	Sabo Tipi *Brake Shoes Type*	**K Tipi Kompozit Cosid 810** *K Type Composite Cosit 810*
	El Fren *Park Fren*	**Boji üzerinde** *On the 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**
	Yükleme Yüksekliği *Loading Height*	**1 155 mm**
	Güvenlik Pimi Sayısı *Number of ct. Spigots*	**36**

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

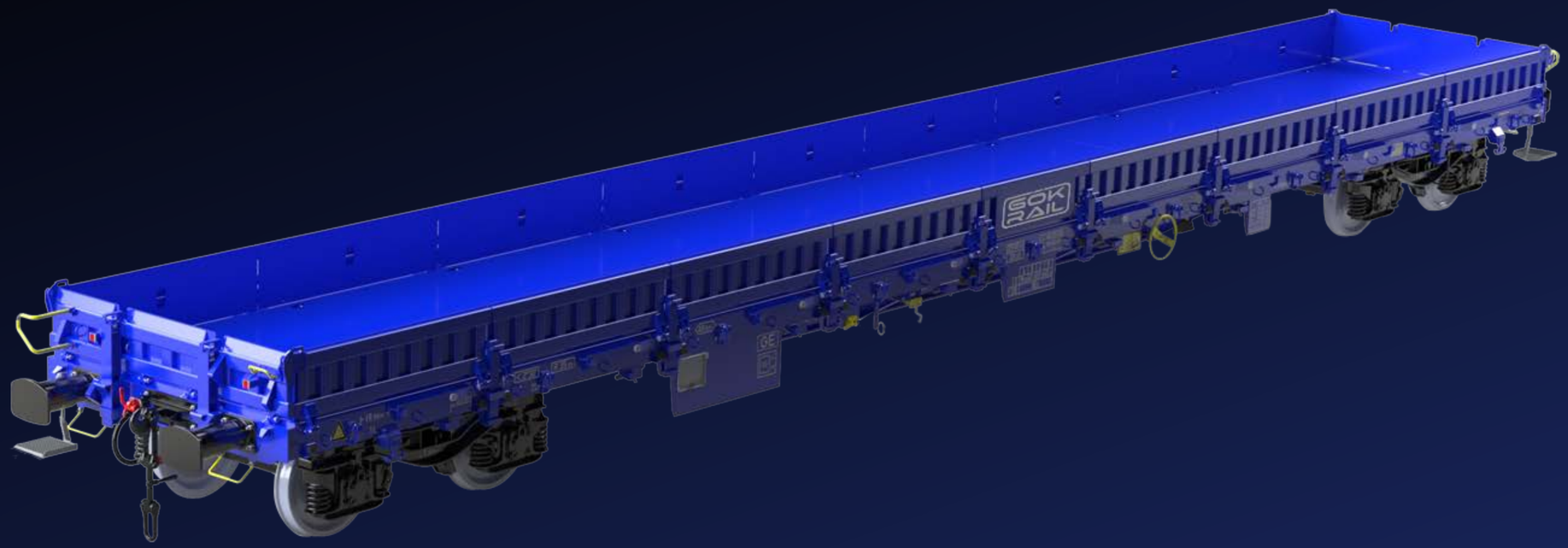
Simetrik ve asimetrik yük konfigürasyonlarında 20`, 30`, 40` ve 45' konteynerleri ve takas gövdelerini taşımak için uygundur

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

GÖKRAIL

Sggmrs 90' Vagon Karakteristiği
Sggmrs 90' Wagon Characteristics

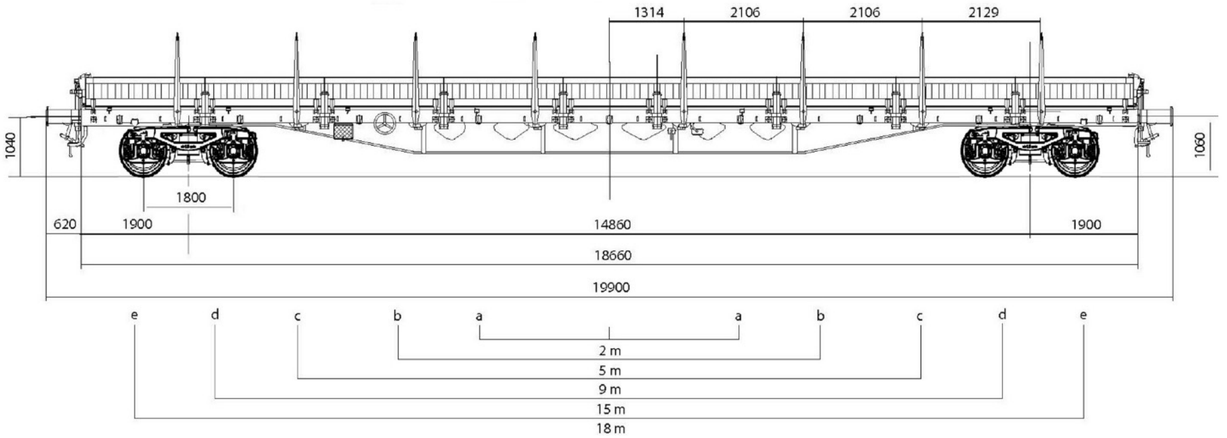
Rens

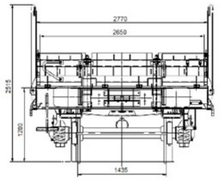


Technical specifications;

✦ 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





	Vagon Tipi / Wagon Type	**Rens**	**CER** Drawgear	**Cer Tertibatı Tipi** Drewgear Type	**According to UIC 520/With the polymer pads / 1500 kN**
Yükleme Parametresi Loading parameter	**Dara** Tare	**≈ 25 t (Calculated with RI028 wheelset)**		**Çekme Kancası** Coupler Hook	**According to UIC 520 1500 kN**
	Yükleme Kapasitesi Loading Capacity	**≈ 65 t**		**Koşum Takımı** Screw Coupler	**According to UIC 520 1350 kN**
	Yükleme Alanı Loading Area	**≈ 49 m²**	**FREN SİSTEMİ** Brake System	**Fren Tipi** Brake Type	**KE-GP-A(K) / 's' /Push Brake**
	Yükleme Uzunluğu/ Loading Length	**≈ 18.500 mm**		**Sabo Tipi** Brake Shoes Type	**C810**
	Yükleme Genişliği/ Loading With	**≈ 2.650 mm**		**El Fren** Parking Brake	**Vagon üzerinde** Integrated on the wagon
	Zemin (boş)/ Height of floor (empty)	**≈ 1.200 mm**		**Boş Vagonun Max. Hızı** Max. Speed of Empty Wagon	**120 km/h**
BOJİ / Bogie	**Boji Tipi** / Bogie Type	**Y25 Ls-K, H-frame**		**Yüklü Vagonun Max. Hızı (22.5 t)** Max. Speed of Loaded Wagon(22,5 t)	**100 km/h**
	Dingil Yükü / Axle Load	**22.5 t**	**DİĞER ÖZELLİKLER** Other Features	**Kurp Yarıçapı (Tekli Vagon)** Curve Radius	**35 m**
TAMPON Buffer	**Tampon** Buffer	**According to UIC 526-1EN 15551+A1**		**Kurp Yarıçapı (Vagon Seti)** Curve Radius (Wagon Set)	**150 m**
	Tampon Tipi Buffer Type	**Category A (105 mm stroke)**		**Otomatik Kuplor** Automatic Coupling	**Prepared for Automatic Coupling acc. UIC 530-1**

Equipment:
- 8 mm steel 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

YÜKLEME TABLOSU
LOADING TABLE

	A	B	C	D
S	39	47	57	65
120	00,0			

	m	t	
a-a	2	32	33
b-b	5	39	44
c-c	9	42	52
d-d	15	52	65
e-e	18	65	28

GÖKRAIL

Rens Vagon Karakteristiği
Rens Wagon Characteristics
GR-160.00.00.00

Eamnos 57.35 m3

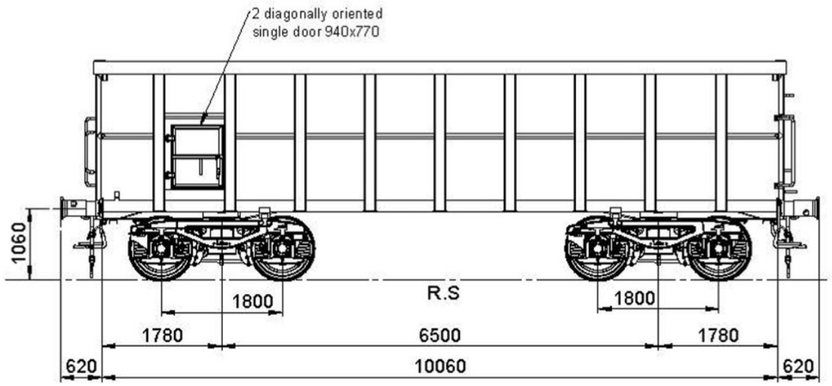
Technical specifications;

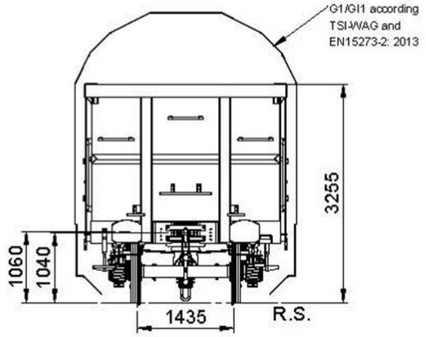
✦ **The Eamnos 57.35 m³** is a high-capacity open box freight wagon designed for the transport of bulk and general-purpose cargo, including scrap metal, construction materials, wood, and heavy goods.

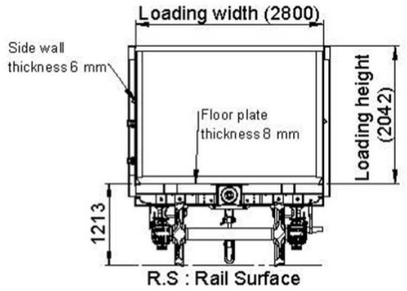
✦ With its reinforced welded steel structure and high-volume box body, it offers durability, ease of loading, and compatibility with both manual and mechanical loading/unloading operations.

✦ 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.

Eamnos 57.35 m3







Kesit A-A
Ölçek 1:60

Yükleme Parametresi Loading parameter	**Vagon Tipi** /Wagon Type	**Eamnos**	CER Drawgear	**Cer Tertibatı Tipi** Drewgear Type	**According to UIC 520/With the polymer pads / 1500 kN**
	Dara Tare	**≈ 19.1t (Calculated with RI028 wheelset)**		**Çekme Kancası** Coupler Hook	**According to UIC 520 1500 kN**
	Yükleme Kapasitesi Loading Capacity	**≈ 70.9 t**		**Koşum Takımı** Screw Coupler	**According to UIC 520 1350 kN**
	Yükleme Alanı Loading Area	**≈ 28.13 m²**	FREN SİSTEMİ Brake System	**Fren Tipi** Brake Type	**Standard Push Brake from Knorr**
	Yükleme Hacmi Loading Volume	**≈ 57.35 m³**		**Sabo Tipi** Brake Shoes Type	**K Tipi Kompozit C810** K Type Composite C810
BOJİ / Bogie	**Boji Tipi** / Bogie Type	**Y25 Ls-K, H-frame**		**El Freni** Parking Brake	**Boji üzerinde** Integrated on the bogie
				Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	**120 km/h**
	Dingil Yükü / Axle Load	**22.5 t**		**Yüklü Vagonun Max. Hızı (22,5 t)** Max. Speed of Loaded Wagon(22,5 t)	**100 km/h**
TAMPON Buffer	**Tampon** Buffer	**According to UIC 526-1EN 15551+A1**	DİĞER ÖZELLİKLER Other Features	**Kurp Yançapı (Tekli Vagon)** Curve Radius	**35 m**
	Tampon Tipi Buffer Type	**Category A (105 mm stroke)**		**Kurp Yançapı (Vagon Seti)** Curve Radius (Wagon Set)	**150 m**
				Otomatik Kuplor Automatic Coupling	**Prepared for Automatic Coupling acc. UIC 530-1**

	A	B1	B2	C2	C3	C4	D2	D3	D4
S	37,3		52,9	54,9	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

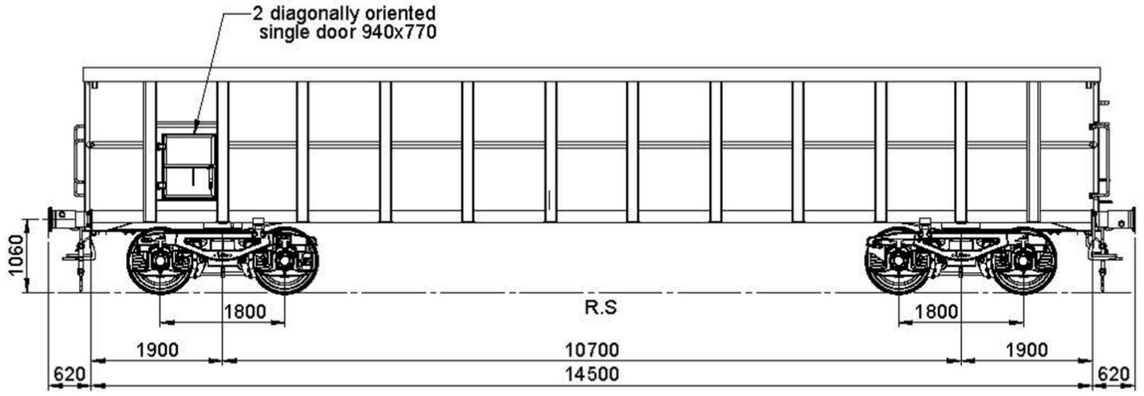
Eamnos Vagon Karakteristiği
Eamnos Wagon Characteristics
GR-130.00.00.00A-KP

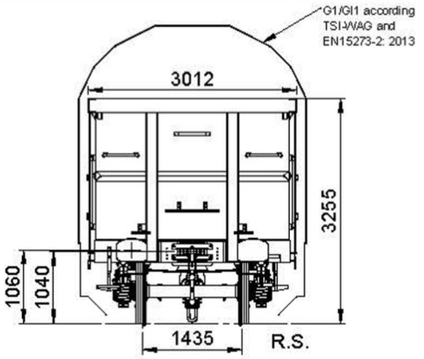
Eamnos 82.7 m3

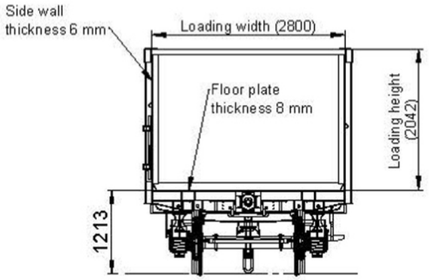
Technical specifications;

✦ The **Eamnos 82.7 m³** 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.

Eamnos 82.7 m3







Kesit A-A
Ölçek 1:60

	Vagon Tipi / Wagon Type	**Eanos**	**CER** Drawgear	**Cer Tertibatı Tipi** Drewgear Type	**According to UIC 520/With the polymer pads / 1500 kN**
Yükleme Parametresi Loading parameter	**Dara** Tare	**≈ 22 t (Calculated with RI028 wheelset)**		**Çekme Kancası** Coupler Hook	**According to UIC 520 1500 kN**
	Yükleme Kapasitesi Loading Capacity	**≈ 68 t**		**Koşum Takımı** Screw Coupler	**According to UIC 520 1350 kN**
	Yükleme Alanı Loading Area	**≈ 40.56 m²**	**FREN SİSTEMİ** Brake System	**Fren Tipi** Brake Type	**Standard Push Brake from Knorr**
	Yükleme Hacmi Loading Volume	**≈ 82.7 m³**		**Sabo Tipi** Brake Shoes Type	**K Tipi Kompozit C810** K Type Composite C810
Boji / Bogie	**Boji Tipi** / Bogie Type	**Y25 Ls-K, H-frame**		**El Freni** Parking Brake	**Boji üzerinde** Integrated on the bogie
				Boş Vagonun Max. Hızı Max. Speed of Empty Wagon	**120 km/h**
	Dingil Yükü / Axle Load	**22.5 t**		**Yüklü Vagonun Max. Hızı (22.5 t)** Max. Speed of Loaded Wagon(22,5 t)	**100 km/h**
TAMPON Buffer	**Tampon** Buffer	**According to UIC 526-1EN 15551+A1**	**DİĞER ÖZELLİKLER** Other Features	**Kurp Yarıçapı (Teldi Vagon)** Curve Radius	**35 m**
	Tampon Tipi Buffer Type	**Category A (105 mm stroke)**		**Kurp Yarıçapı (Vagon Seti)** Curve Radius (Wagon Set)	**150 m**
				Otomatik Kuplor Automatic Coupling	**Prepared for Automatic Coupling acc. UIC 530-1**

	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

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

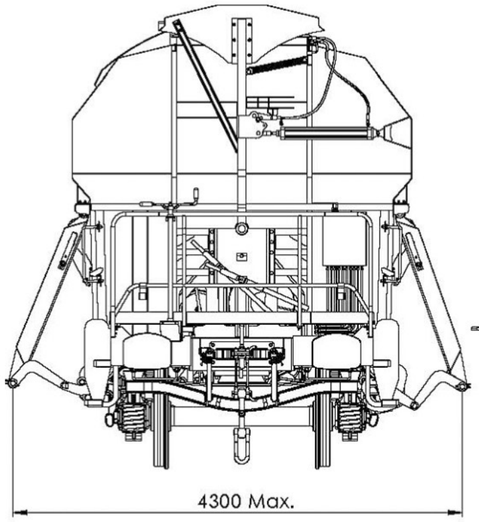
Eanos Vagon Karakteristiği
Eanos Wagon Characteristics
GR-140.00.00.00A-KP

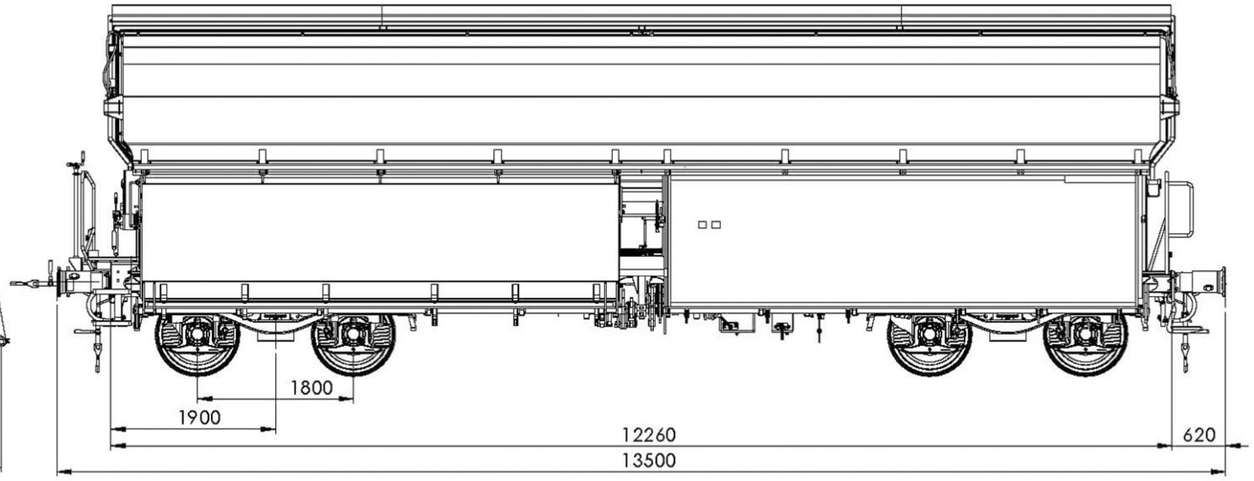
Talns

Technical specifications;

✦ 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.

Talns





	Vagon Tipi *Wagon Type*	**Talns**
DARA *Tare*	**KNORR Fren sistemi ile** *With the KNORR Brake System*	**≈24 300 Kg**
	Yükleme Hacmi *Loading Volume*	**≈80 m3**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**Y25Lsd-KC1-K**
	Dingil Yükü *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**

ÇER *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*
	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**
DİĞER ÖZELLİKLER *Other Features*	**Kurp Yarıçapı** *Curve Radius*	**75 m**
	İklim Koşulları *Environmental Conditions*	**T1-T3**
	Gabari *Gauge*	**G1**

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

GÖKRAIL

Talns Vagon Karakteristiği
Taln Wagon Characteristics
V.61.01.00.00

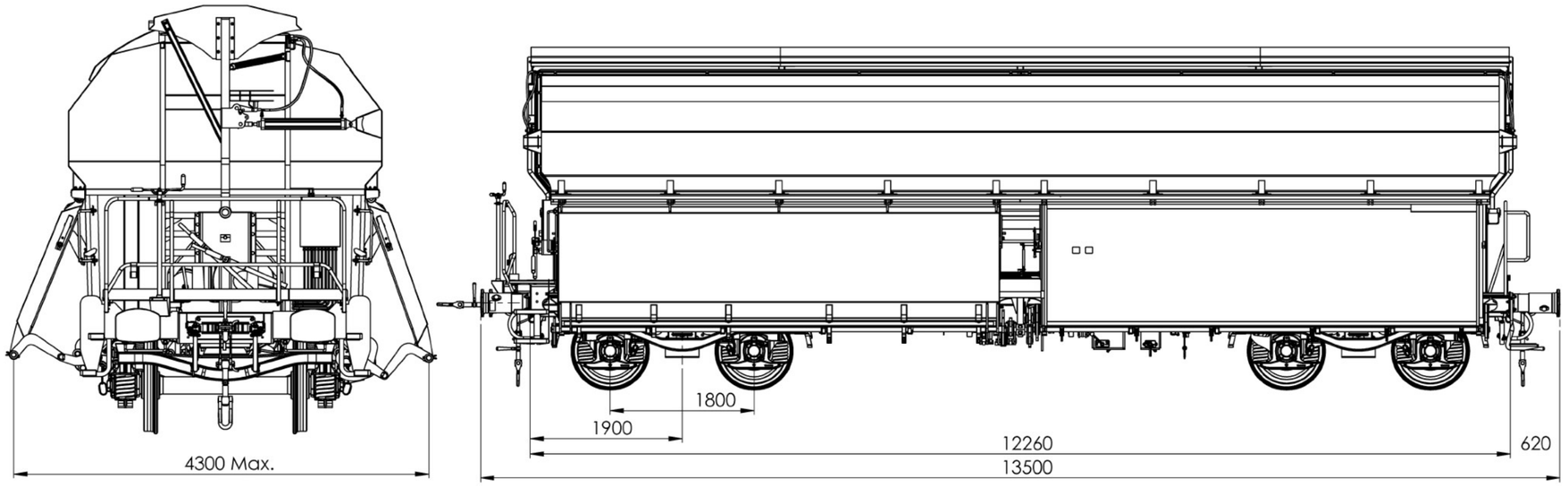
Falns 85 m³

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.**

Falns 85 m³



	Vagon Tipi *Wagon Type*	**Talns**
DARA *Tare*	**KNORR Fren sistemi ile** *With the KNORR Brake System*	**≈24 300 Kg**
	Yükleme Hacmi *Loading Volume*	**≈80 m3**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**Y25Lsd-KC1-K**
	Dingil Yükü *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*
	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**
DİĞER ÖZELLİKLER *Other Features*	**Kurp Yarıçapı** *Curve Radius*	**75 m**
	İklim Koşulları *Environmental Conditions*	**T1-T3**
	Gabari *Gauge*	**G1**

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

GÖKRAIL

Sgmmns 40' Vagon Karakteristiği
Sgmmns 40' Wagon Characteristics

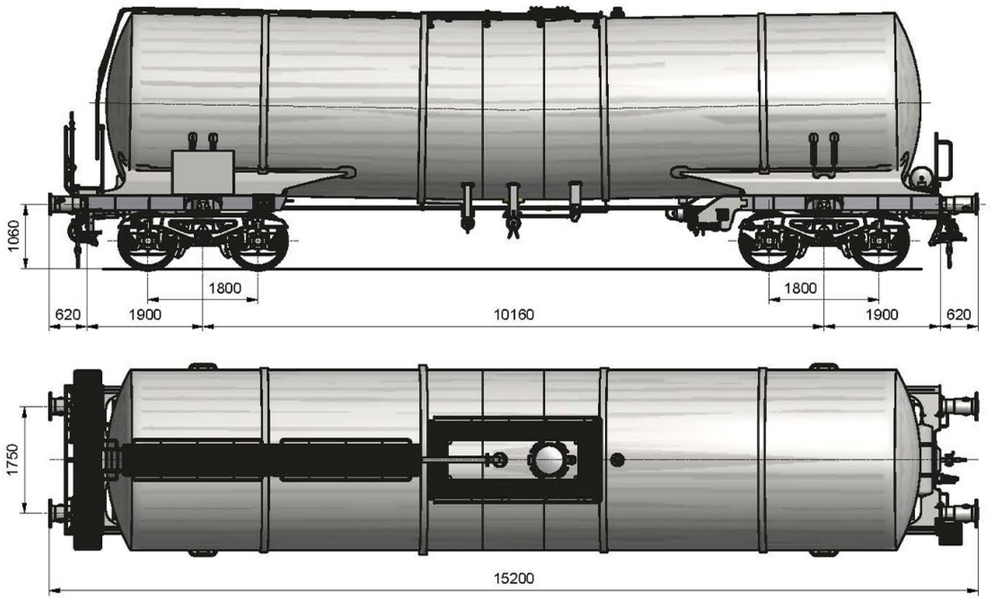
GR-110.00.00.00

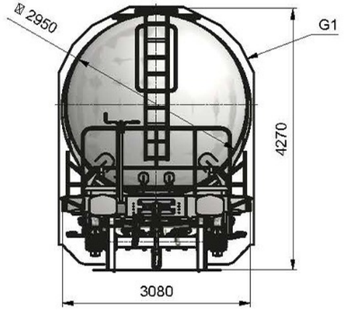
Zans

Technical specifications;

✦ **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.

Zans





YÜKLEME TABLOSU
LOADING TABLE

	A	B	C	D
S	43	51	59	69
SS	00			

	Vagon Tipi *Wagon Type*	**Zans / L4BH**
	DARA *TARE*	**21 000 Kg**
	YÜKLEME KAPASİTESİ *Payload*	**87 m3**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	Y25Lsdi(f) - KC1 H Tipi / H Type
	Dingil Yükü *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 EN 15551+A1 Category A
	Tampon Tipi *Buffer Type*	with polymer pads, Max 116 Kg/pcs
	Tampon Siası *Buffer Stroke*	105 mm

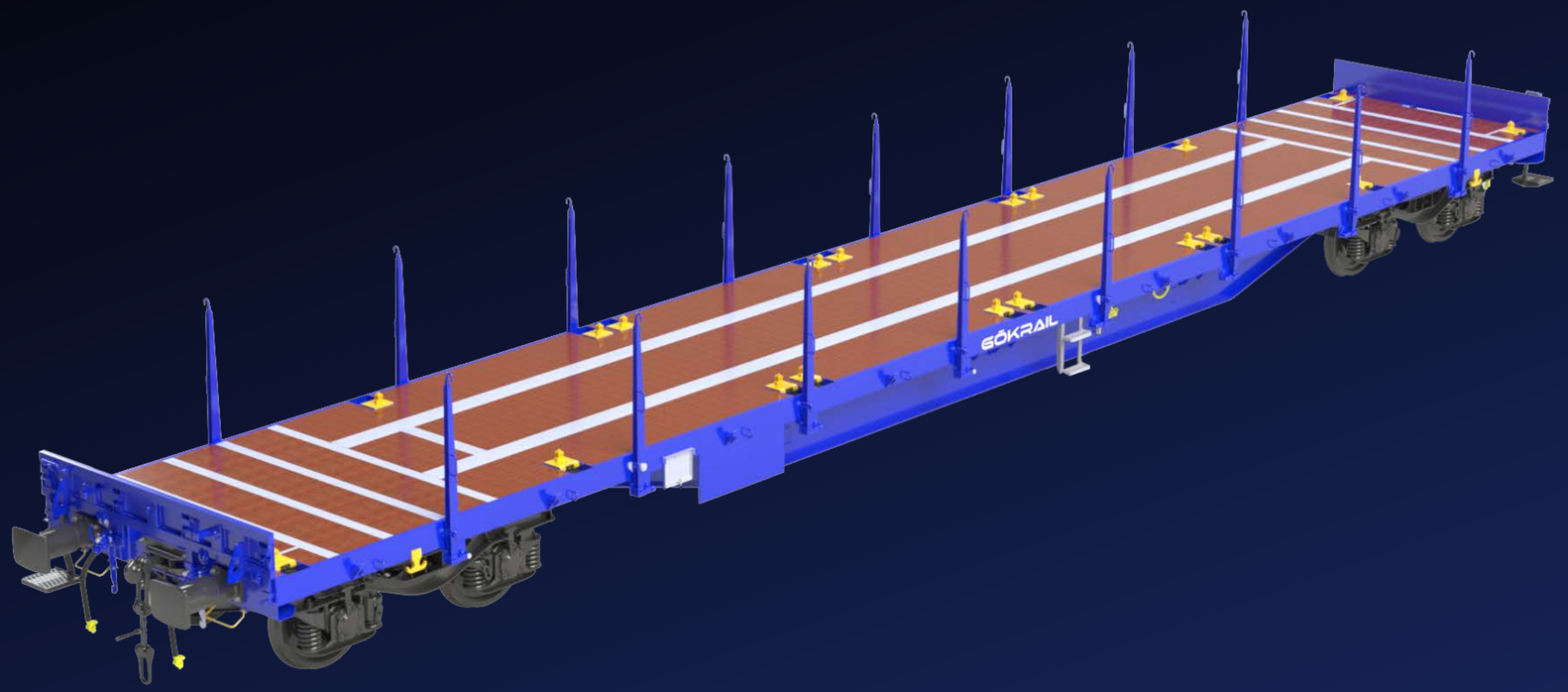
CER *Drawgear*	**Cer Tertibatı Tipi** *Drawgear Type*	According to UIC 520/With the polymer pads / 1500 kN
	Çekme Kancası *Coupler Hook*	**According to UIC 520 1500 kN**
	Koşum Takımı *Screw Coupler*	**According to UIC 520 1350 kN**
FREN SİSTEMİ *Brake System*	**Fren Rejimi / Fren Tipi** *Brake Regime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

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

GÖKRAIL

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

Rgns

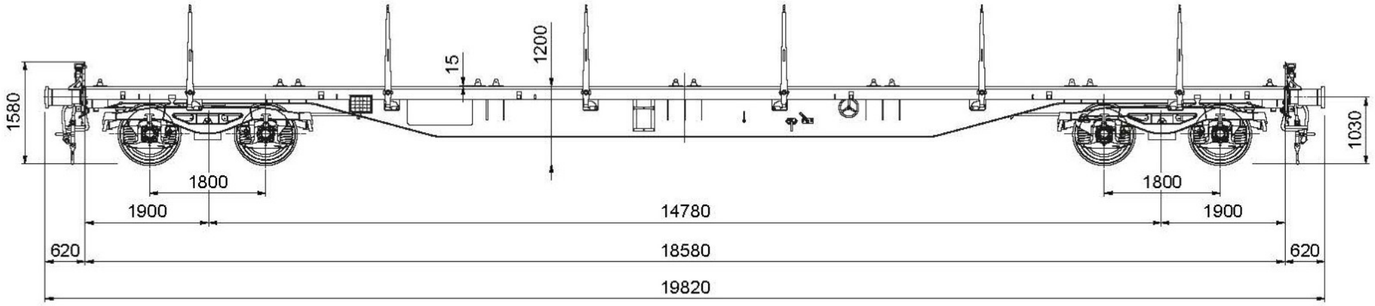


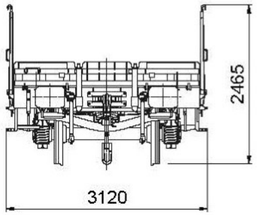
Technical specifications;

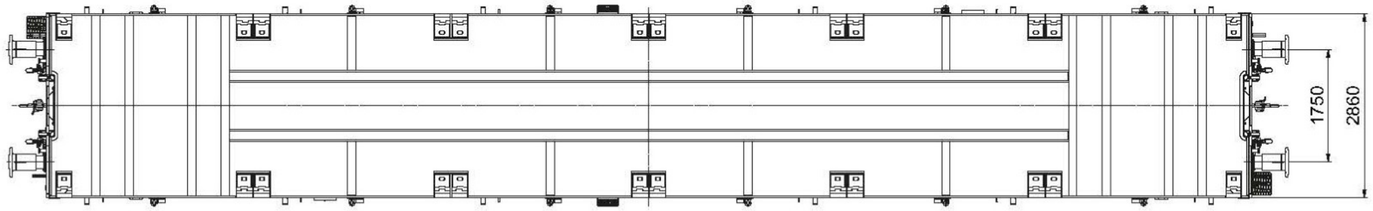
✦ **Versatile. Reliable. Intermodal Ready.**

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.

Rgns







	Vagon Tipi *Wagon Type*	**Rgns**
DARA *Tare*	WABTEC MZT Fren sistemi ile *With the WABTEC MZT Brake System*	≈ 21 000 Kg
BOJİ ÖZELLİKLERİ *Bogie Features*	Boji Tipi *Bogie Type*	Y25Ls(s)1-K
	Dingil Yükü *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 EN 15551+A1
	Tampon Tipi *Buffer Type*	Category A
	Tampon Sıası *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 Cosid 810 *K Type Composite Cosid 810*
	El Freni *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
DİĞER ÖZELLİKLER *Other Features*	Kurp Yarıçapı *Curve Radius*	75 m
	Yükleme Yüksekliği *Loading Height*	1 200mm
	Güvenlik Pimi Sayısı *Number of ct. Spigots*	24

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)

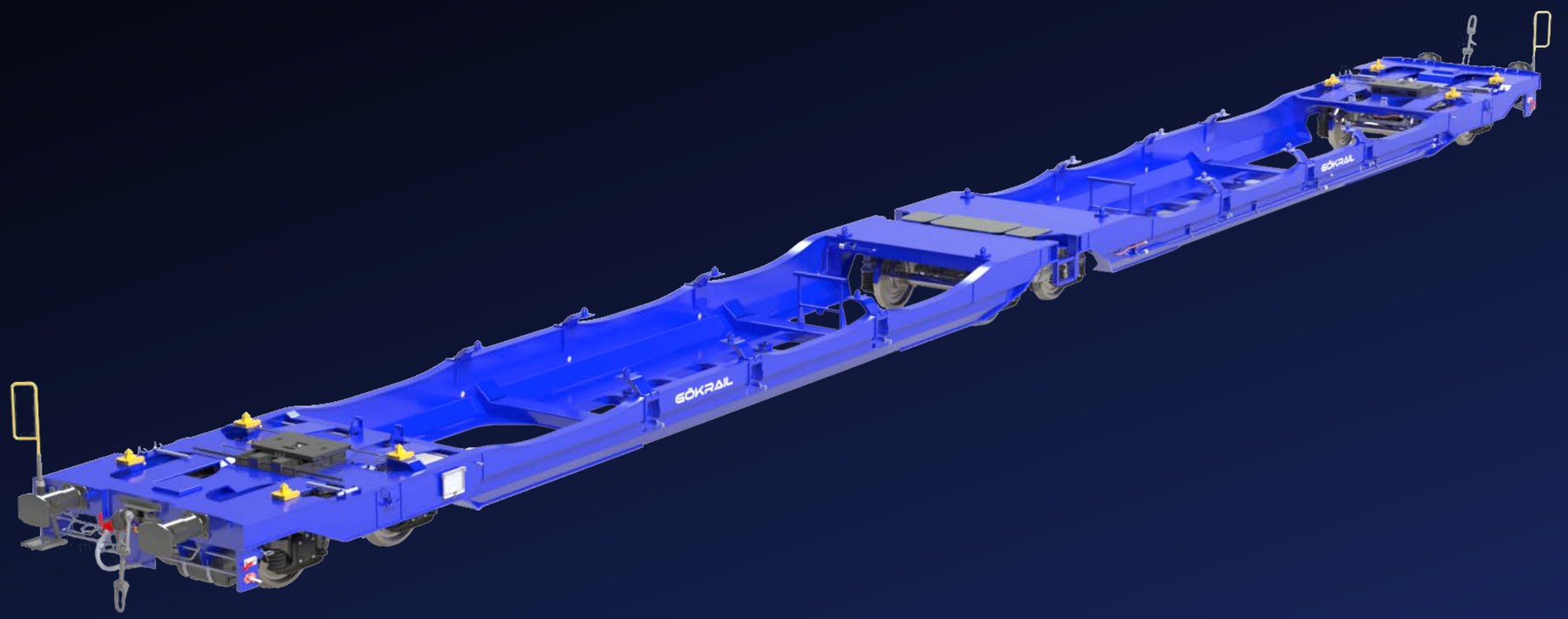
Simetrik ve asimetrik yük konfigürasyonlarında 10',20`, 30` ve 40` konteynerleri ve takas gövdelerini taşımak için uygundur

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

GÖKRAIL

Rgns 80' Vagon Karakteristiği
Rgns 80' Wagon Characteristics

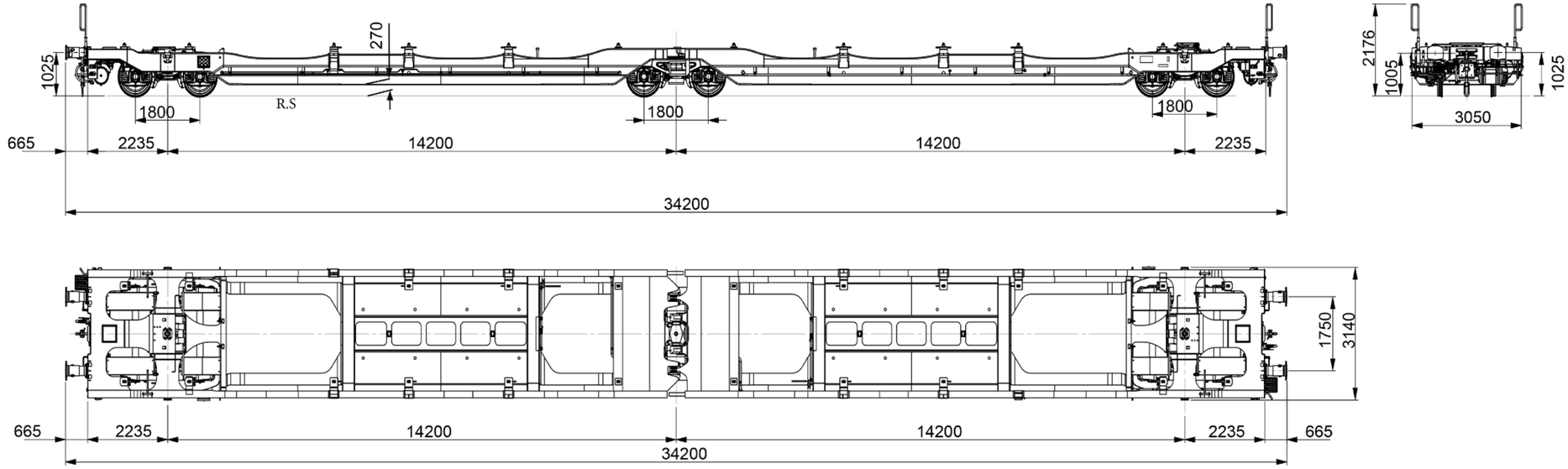
Sdggmrs



Technical specifications;

✦ 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.

Sdggmrs



	Vagon Tipi *Wagon Type*	**Sdggmrs**
	DARA *TARE*	**~ 36 200 Kg**
	YÜKLEME KAPASİTESİ *Payload*	**~ 98,8 t**
BOJİ ÖZELLİKLERİ *Bogie Features*	**Boji Tipi** *Bogie Type*	**1 x Y25 Lsdi(f) KC1 and 2 x Y25Lsi1**
	Dingil Yükü *Axle Load*	**22.5** t
	Ray Açıklığı *Railway Clearance*	**1 435 mm**
	Tekerlek Tipi ve Çapı *Wheelset Type and Dia.*	**Ø920**
	Dingil Eksenleri Arası *Distance Between axes*	**1 800 mm**
TAMPON *Buffer*	**Tampon** *Buffer*	**Category L**
	Tampon Tipi *Buffer Type*	**with polymer pads, Max 116 Kg/pcs**
	Tampon Siası *Buffer Stroke*	**105 mm**

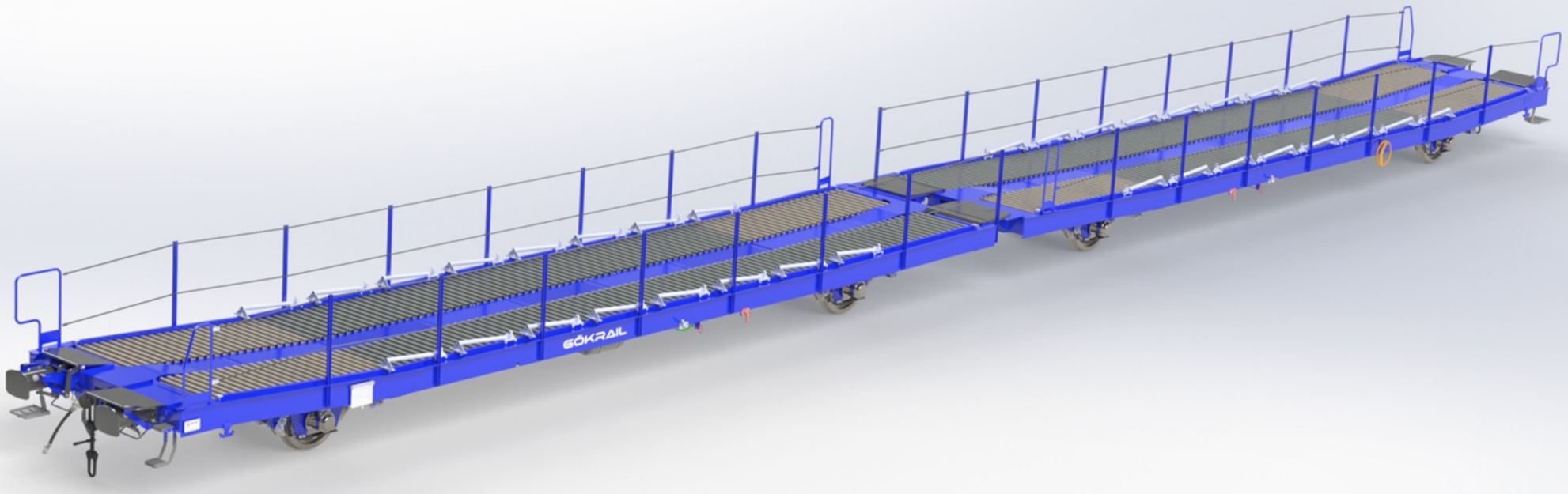
CER *Drawgear*	**Cer Tertibatı Tipi** *Drawgear Type*	**According to UIC 520/With the polymer pads / 1500 kN**
	Çekme Kancası *Coupler Hook*	**According to UIC 520 1500 kN**
	Koşum Takımı *Screw Coupler*	**According to UIC 520 1350 kN**
FREN SİSTEMİ *Brake System*	**Fren Tipi / Brake Regime** *Brake Type/ Brake Regime*	**IBB10 / CFCB**
	Sabo Tipi *Brake Shoes Type*	**K Tipi Kompozit Cosid 810** *K Type Composite Cosit 810*
	El Fren *Park Fren*	**Boji üzerinde** *On the 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**
	Yükleme Yüksekliği *Loading Height*	**1 155 mm**
	Güvenlik Pimi Sayısı *Number of ct. Spigots*	**20**

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

GÖKRAIL

Sdggmrs Vagon Karakteristiği
Sdggmrs Wagon Characteristics
GR-160.00.00.00

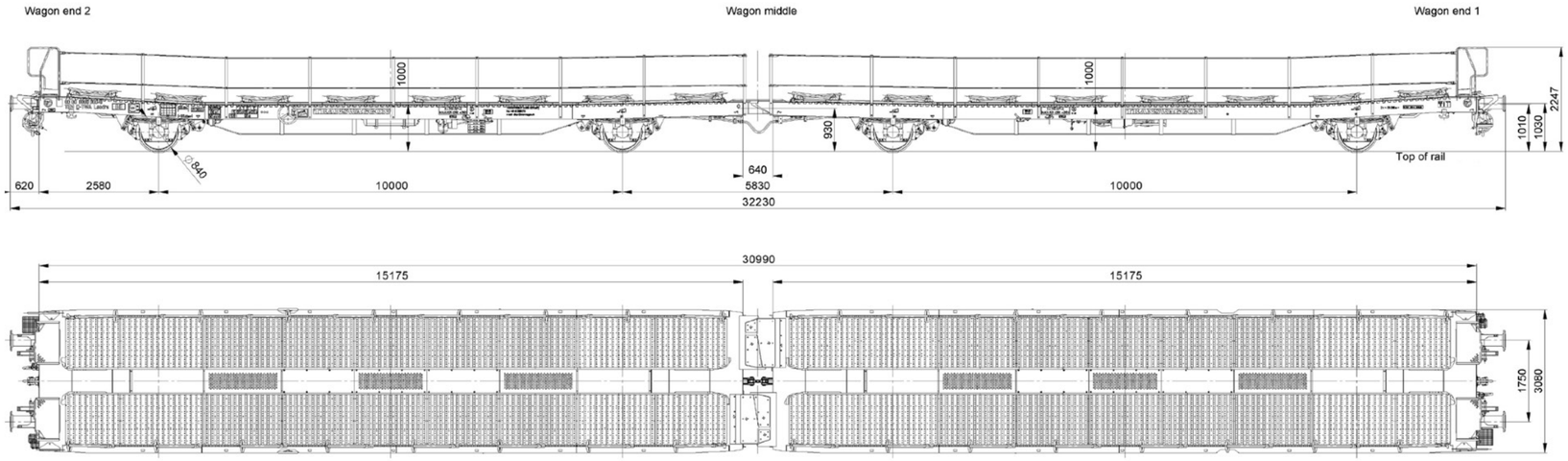
Laadrs



Technical specifications;

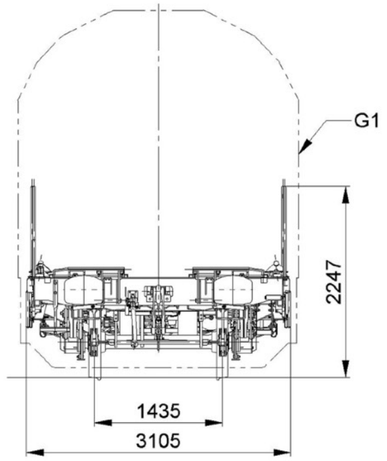
✦ The **Laadrs** is a high-efficiency, double-deck freight wagon specifically designed for the **safe and optimized transportation of passenger vehicles**. Its lightweight yet durable structure, combined with a smart loading design, makes it a preferred choice for automotive logistics across Europe.

Laadrs



Gauge	G1
Tare weight	≈ 29.000 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 en 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

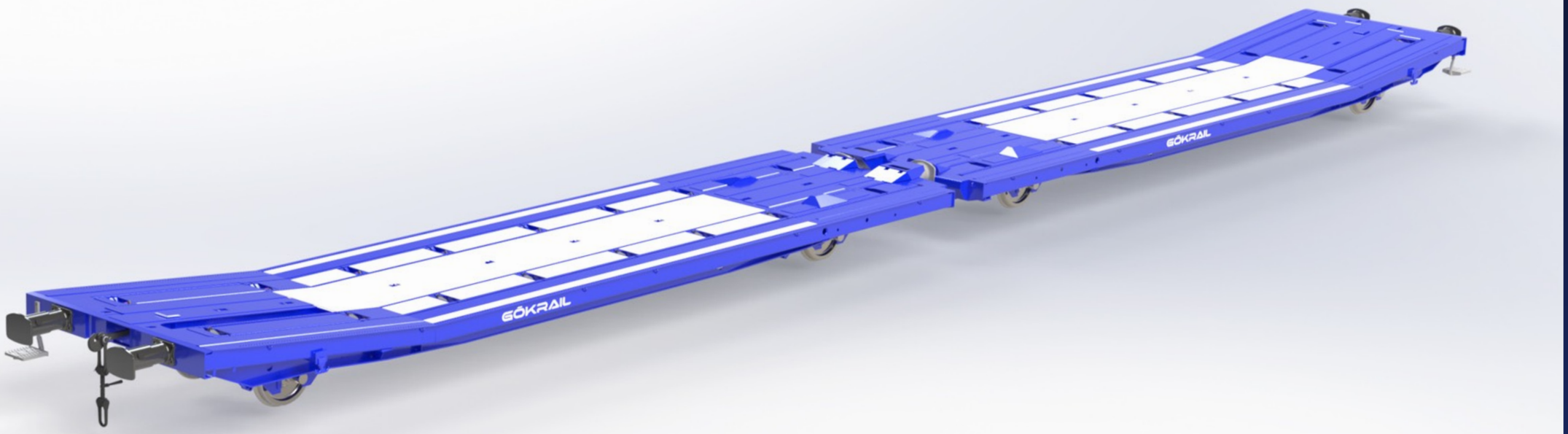
Center of the wheelsets	10.000 mm
Overhang of the base frame at the end of unit and Overhang in the middle of unit middle of unit	2.580 mm 2.595 mm
Height of end buffers above R.S.	1010 mm
Height of the diagonal buffers above R.S.	930 mm
Height of close coupling above R.S.	650 mm
Loading weight	51 t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



GÖKRAIL

Laadrs Vagon Karakteristiği
Laadrs Wagon Characteristics
GR-190.00.00.00

Laads



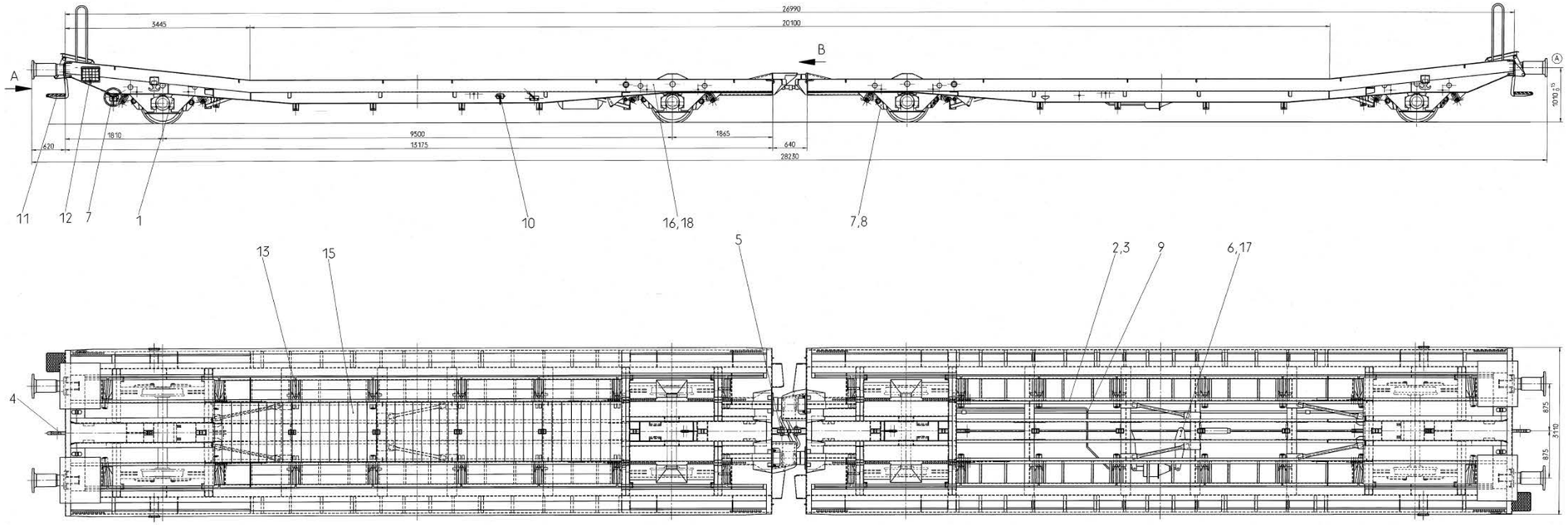
Technical specifications;

✦ **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.

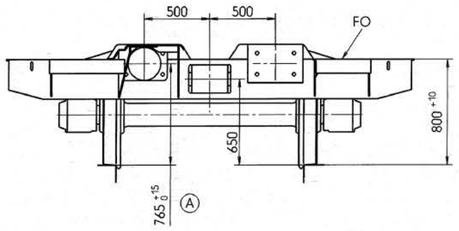
The wagon is designed for operation without limitations on all European railway tracks with the standard track gauge and for climatic conditions with T1 temperatures (-25°C to +40°C) according to **TSI-WAG**. The wagon meets the conditions for G1 marking, according to **EN 15273-2**.

Laads



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 m²	81 m²
Steering knuckle center distance	2000 mm
Running circle diameter	760 mm

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



GÖKRAIL

GR -210.00.00.00
Laads Vagon Karakteristiği
Laads Wagon Characteristics

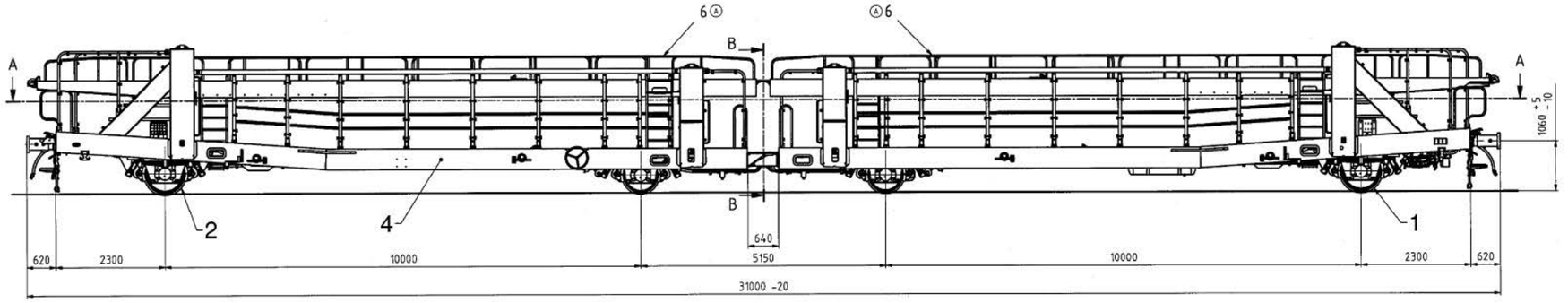
Laaers

Technical specifications;

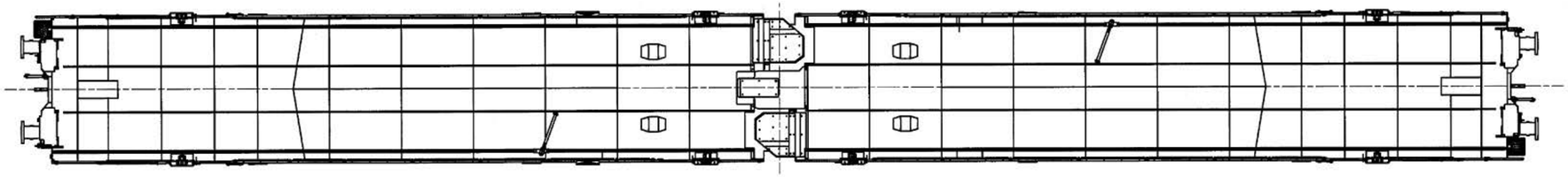
✦ **Laaers** wagon is a twin , 4-axle, double-deck, It has an automatic lifting system for transition between floors, open wagon designed for transportation of passenger cars, SUVs, small utility vehicles and vans.

✦ 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.

Laaers

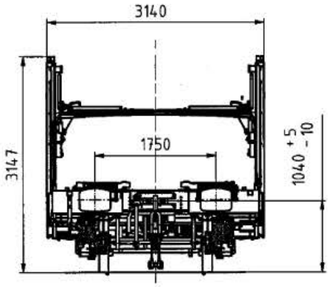


A-A (1 : 50)

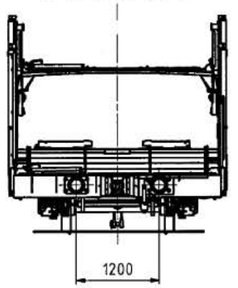


Gauge	G1
Tare weight	32.000 kg
Overall length over buffers	28230 mm
Loading length of the unit on the lower deck	30070 mm
Loading length of the unit on the upper deck	30550 mm
Clearance width between the support columns on the l ower loading level	2950 mm
Clearance width on the upper loading level	2750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

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



B-B (1 : 50)

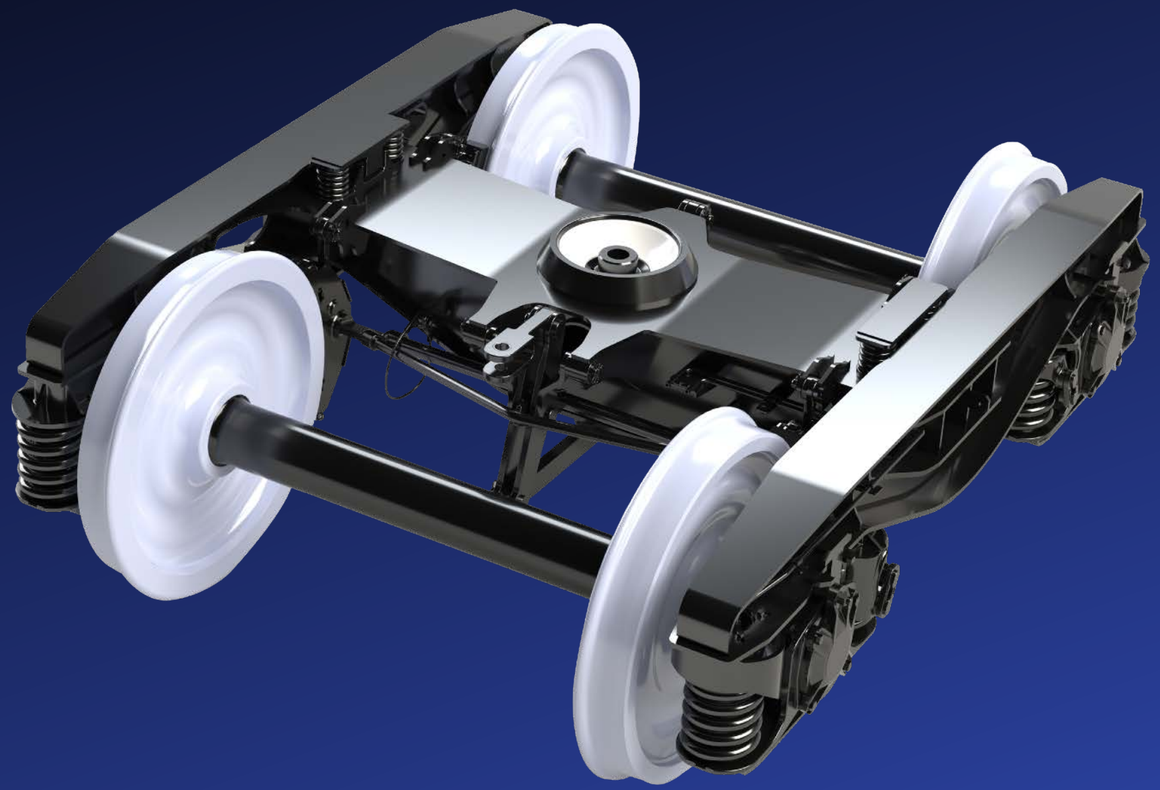


GÖKRAIL

GR -220.00.00.00
Laaers Vagon Karakteristiği
*Laaers **Wagon Characteristics***

Bogies

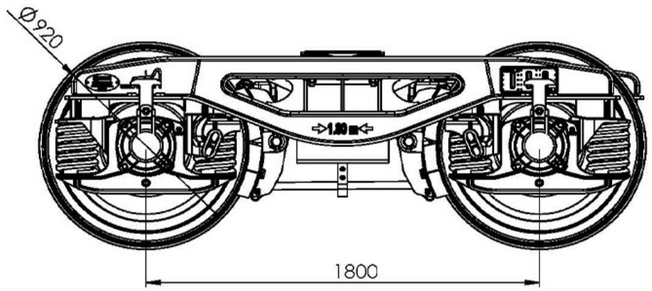
Y25Ls-K

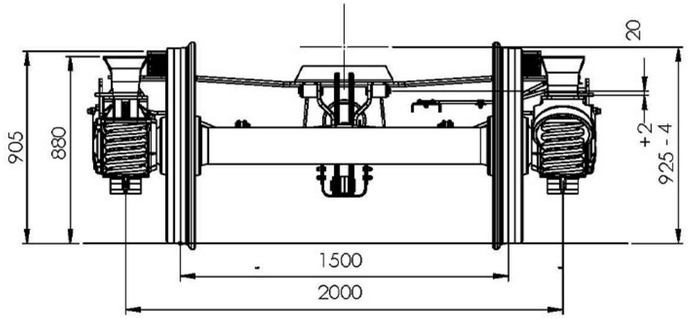


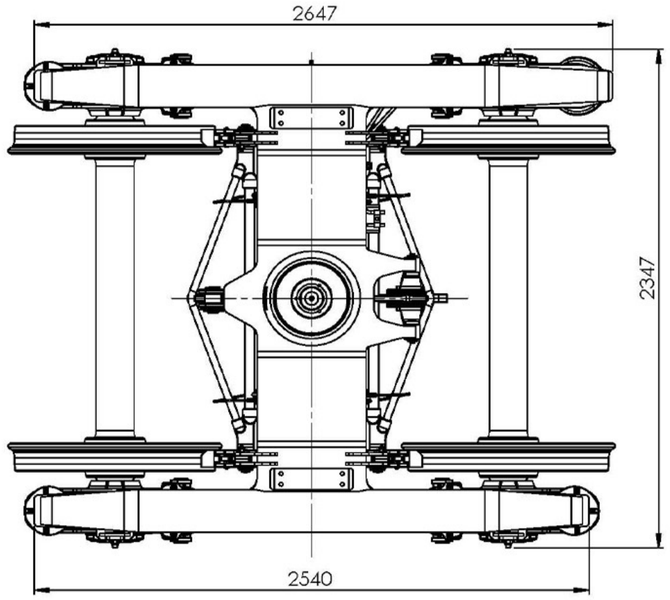
Technical specifications;

✦ 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.

Y25Ls-K







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 +40°C
Axle type	BA 002
Wheels type	BA 004 - 314 - 318
Axle roller bearing	WJ/WJP 130x240
Axle box type	BA 182
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 coefficien for emty units	0,55
Maximum moment of inertia aroun vertical axis	5160 kgm2

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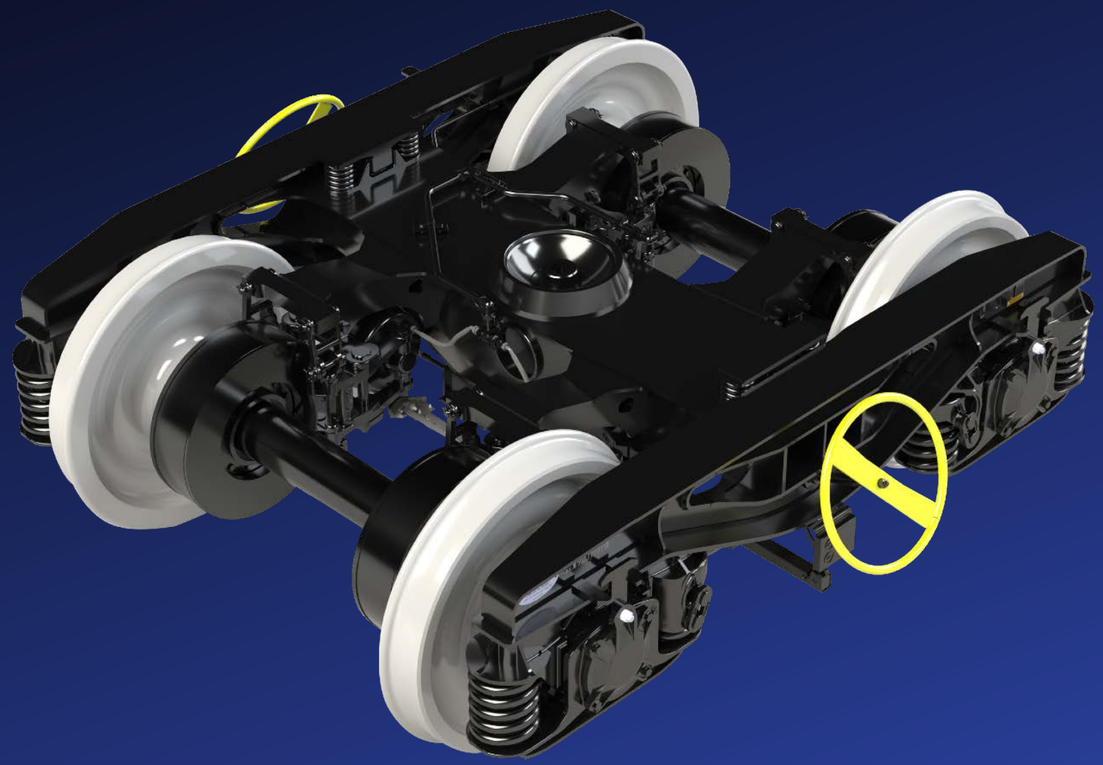
Y25Ls-K Bogie Karakteristiği
Y25Ls-K Bogie Characteristics

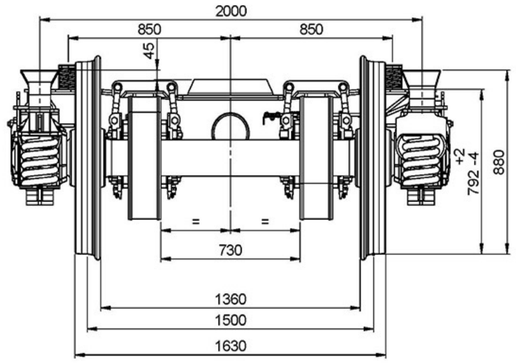
Y25Lssi(f)-D

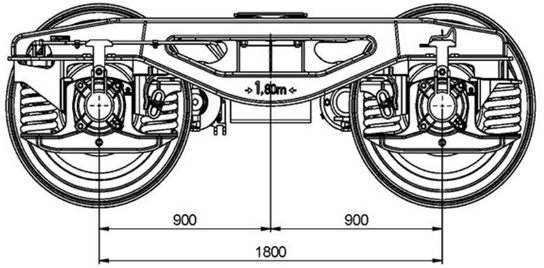


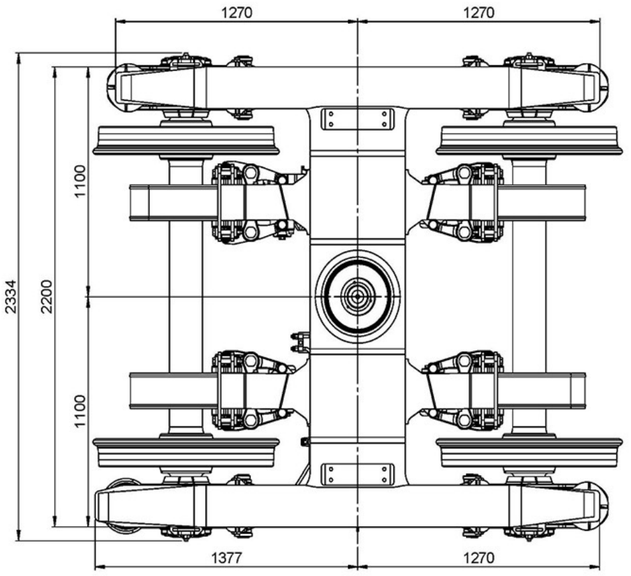
Technical specifications;

✦ 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.

Y25Lssi(f)-D







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 +40°C
Axle type	BA 002
Wheels type	BA 004 - 314 - 318
Axle roller bearing	WJ/WJP 130x240
Axle box type	BA 182
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

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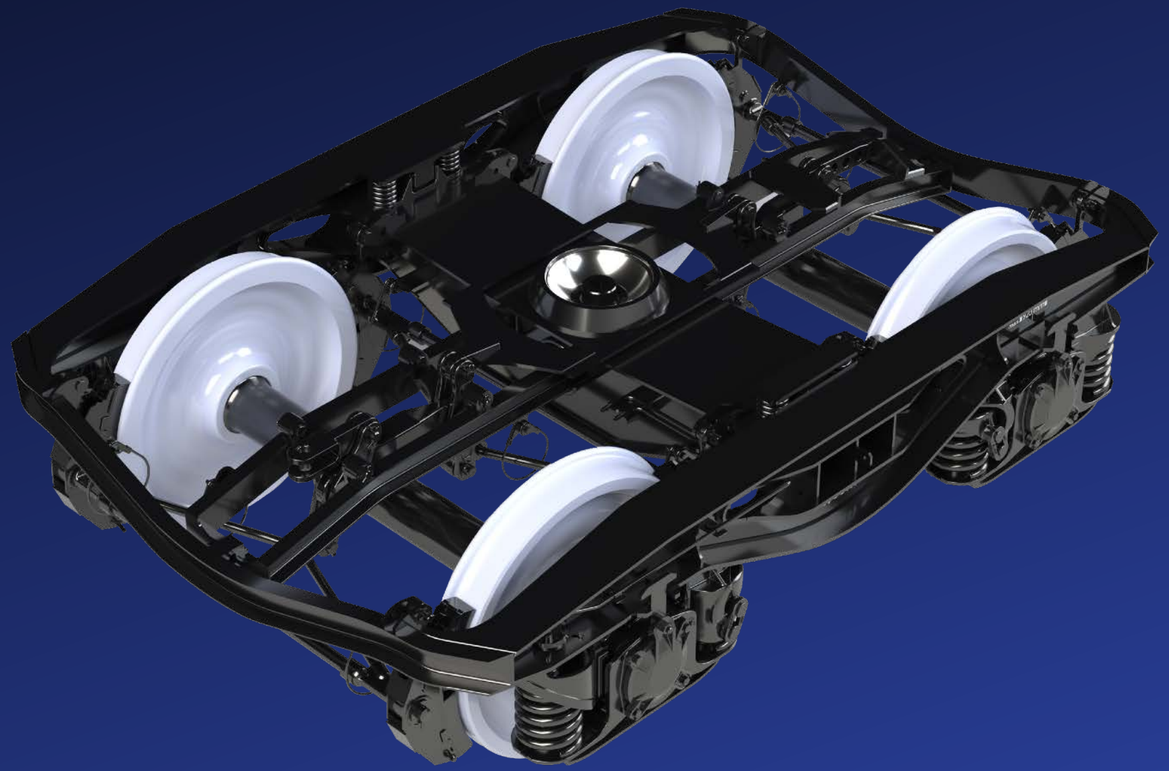
Y25Lssi(f)-D Vagon Karakteristiği
Y25Lssi(f)-D Wagon Characteristics
GR-160.00.00.00

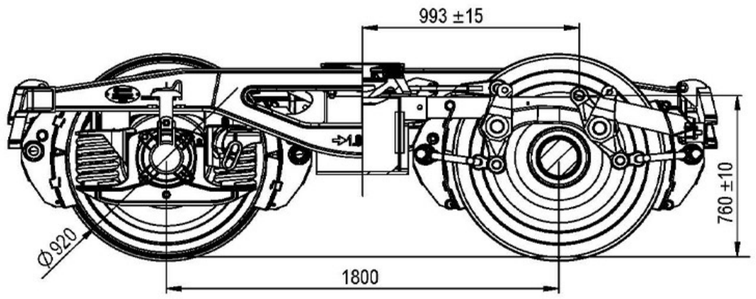
Y25Ls(s)1-K

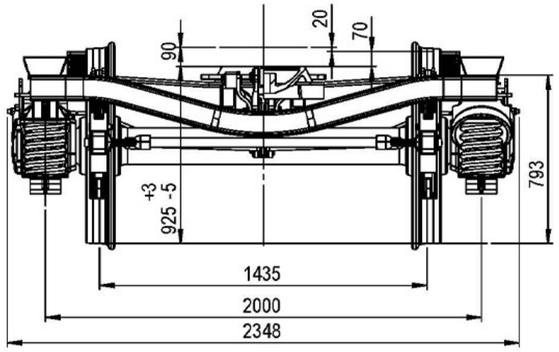


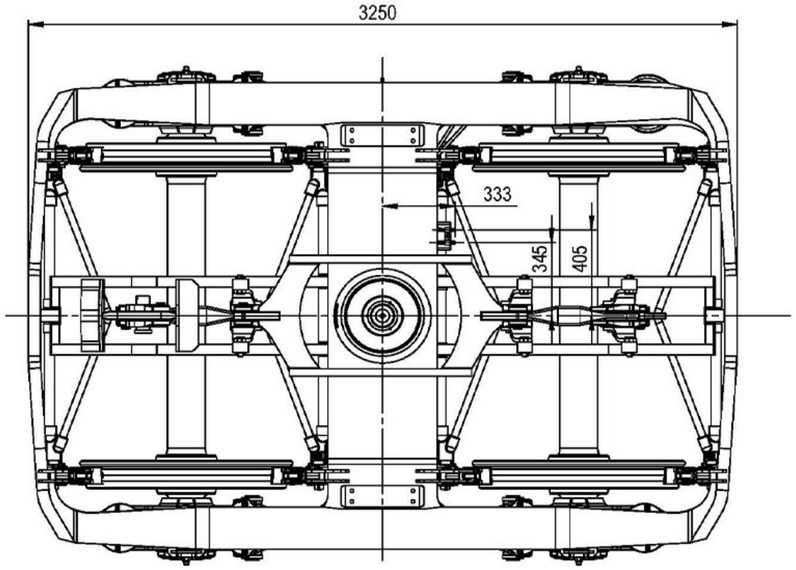
Technical specifications;

✦ 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.

Y25Ls(s)1-K







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 +40°C
Axle type	BA 002
Wheelset type	*
Axle roller bearing	WJ/WJP 130x240
Axle box type	BA 182
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 coefficien for emty units	0,55
Type of brake	2xBgu/ 2xBg

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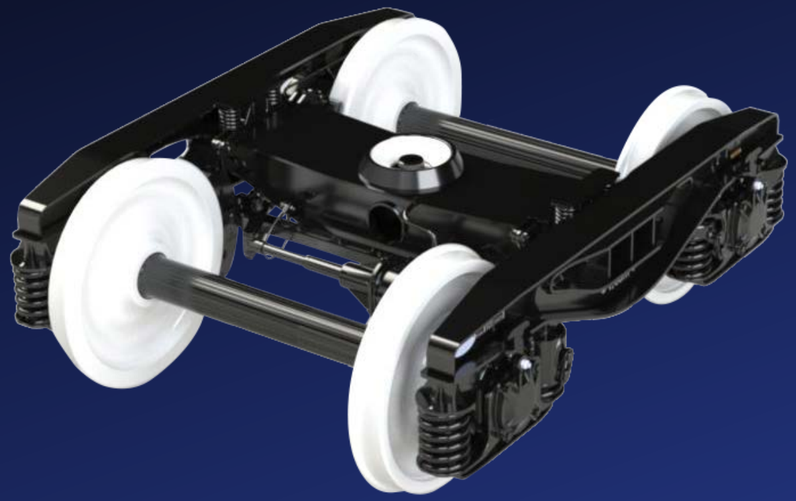
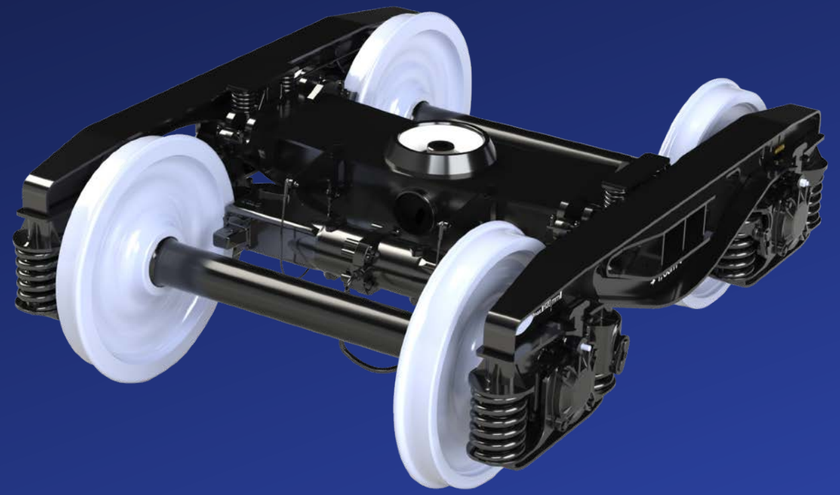
Y25Ls(s)1-K / Y25Ls(s)d1 - Bogie Characteristic

Y25Lsdi-KC1



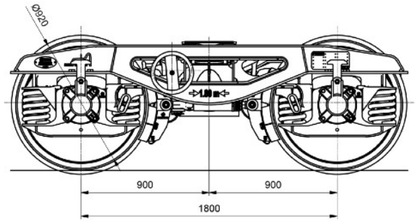


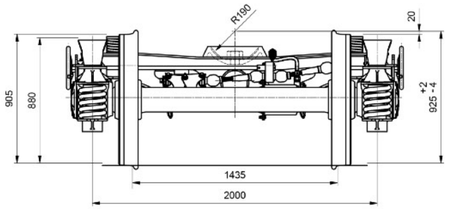
Technical specifications;

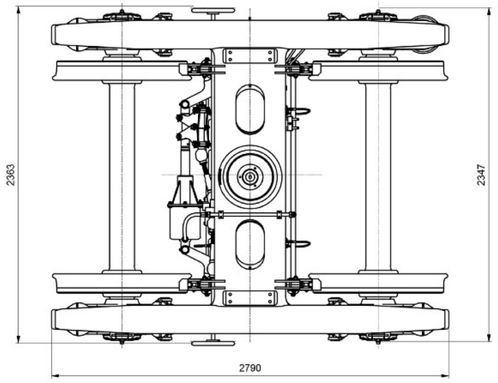
✦ This specialized bogie with an integrated brake system is particularly well-suited for freight wagons where mounting the brake equipment directly onto the wagon structure is challenging or impractical.

✦ 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 .

Y25Lsdi-KC1







Drawing of bogie frame	GY - B.01.04.00.00.00
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight :Without hand brake / with hand brake	3900± %3 kg / 3935 ± %3kg
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 +40 °C
Axle box type	BA 182
Wheel type	BA 004 - 314 - 318
Axle roller bearing	WJ/WJP 130x240

NOT1 : Tare weight was weighed with the BA 004 wheel set.
This weight varies according to the type of wheel set.
NOT2 : Max speed is regarding to brake.

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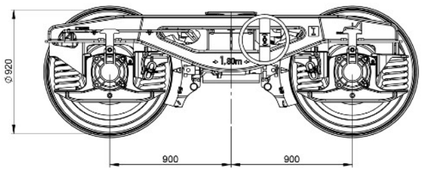
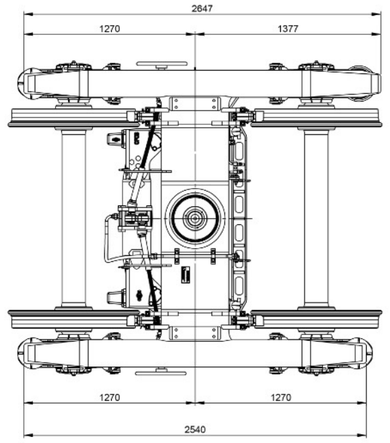
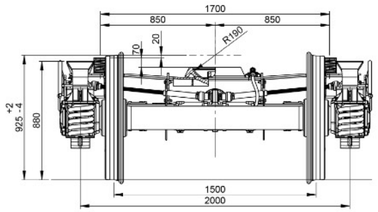
H Type Bogie (MZT Wabtec with Brake)
GY-B.01.01.00.00.00







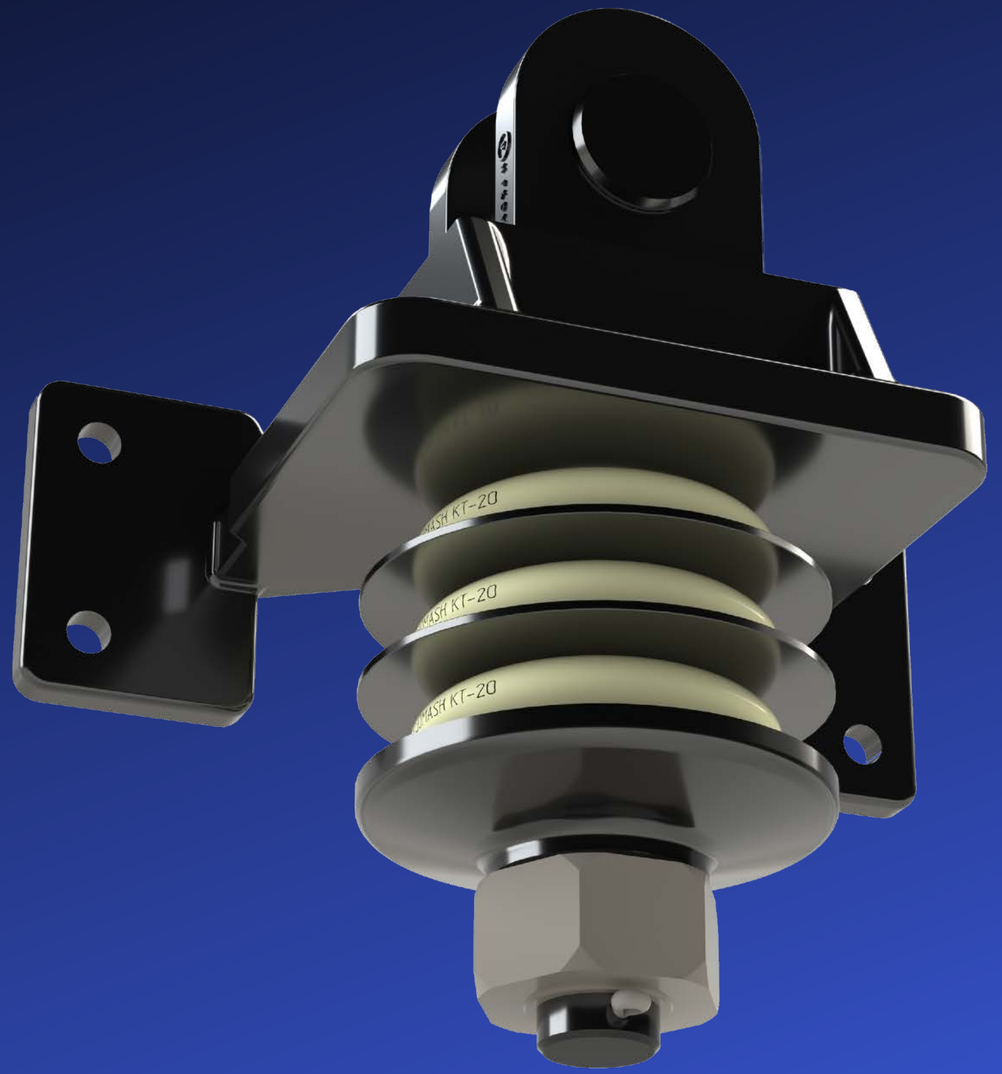
Drawing of bogie frame	GY-B.01.00.00.00.00-A-KB
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight :Without hand brake / with hand brake	4000± %3 kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension 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 +40°C
Axle type	BA 002
Wheels type	BA 004 - 314 - 318
Axle roller bearing	WJ/WJP 130x240
Axle box type	BA 182
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 coefficien for emty units	0,55
Maximum moment of inertia aroun vertical axis	5160 kgm2

GÖKRAIL

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

Spare Parts

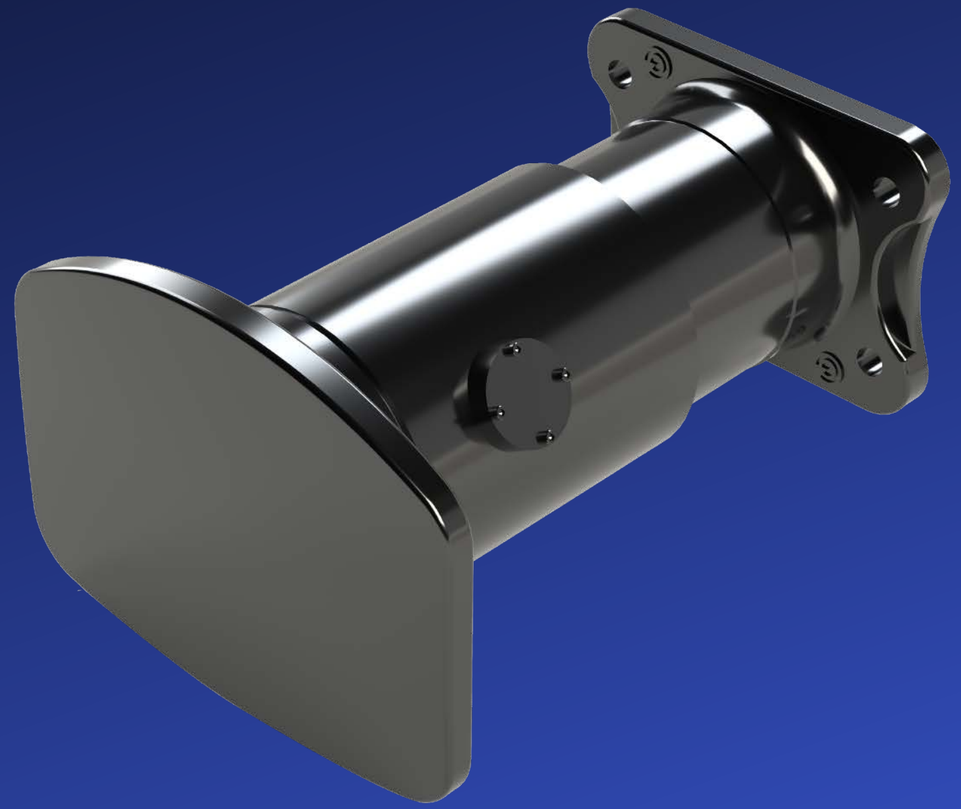
Draw Gear



Technical specifications;

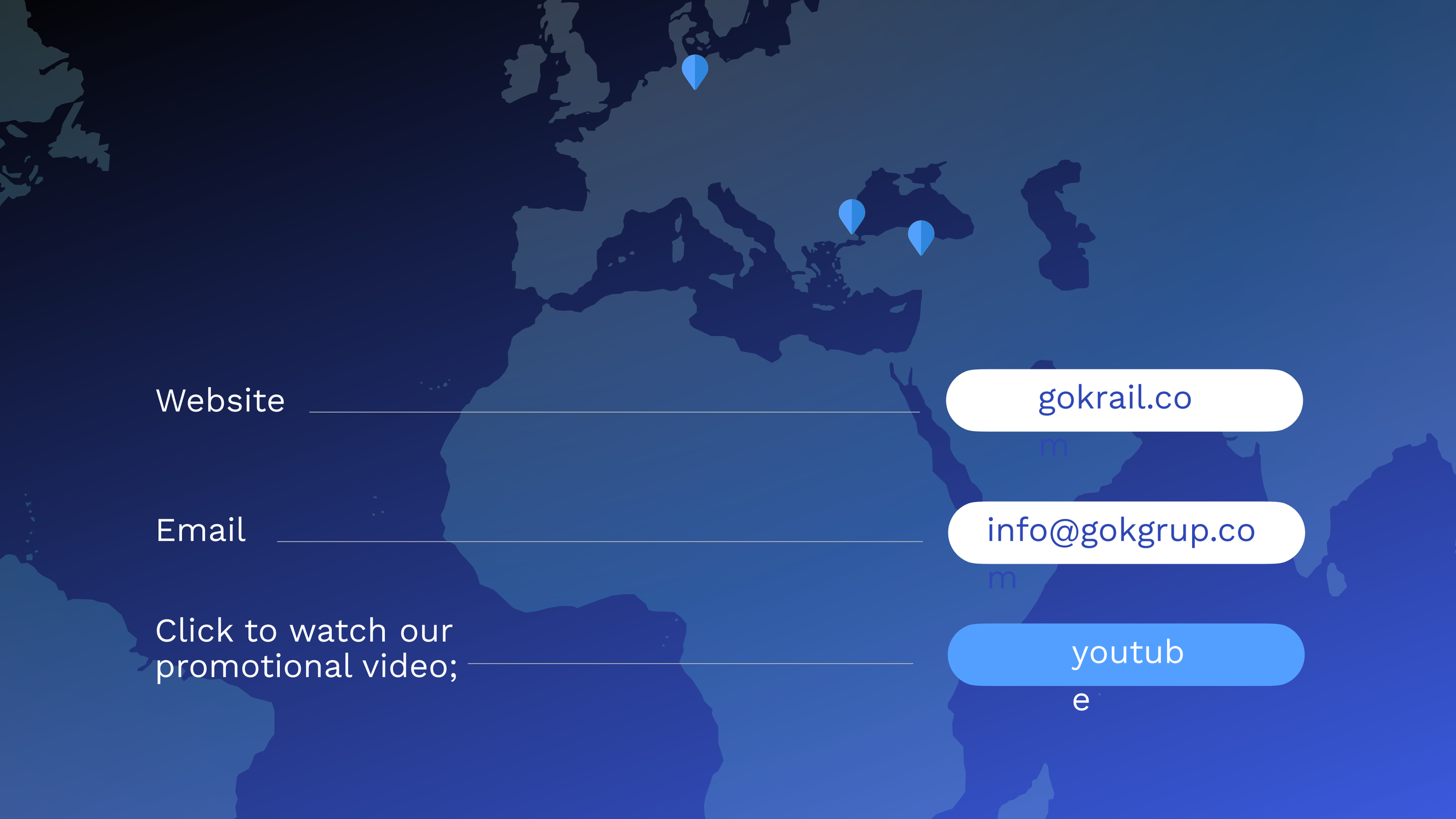
✦ This high-strength Draw Gear is specifically engineered for demanding freight and industrial applications where secure load transfer and durability are critical. Designed to withstand extreme forces, it ensures safe and efficient coupling between wagons, locomotives, or heavy machinery, even under high dynamic loads.

Buffer

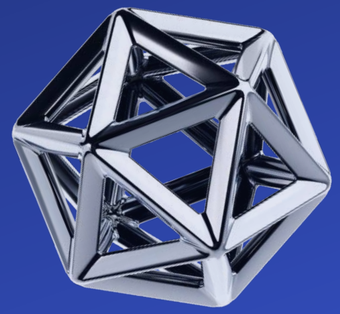


Technical specifications;

✦ 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.


Website
gokrail.com
Email
info@gokgrup.com
Click to watch our promotional video;
youtube

Thank you!



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