

IKARBUS



katalog autobusa
bus catalogue

efektivnost, ekonomičnost i ekologija
effectiveness, economy and ecology

IKARBUS





IKARBUS

IKARBUS je kompanija specijalizovana za proizvodnju autobusa, locirana u Beogradu, opština Zemun.

Administrativni i proizvodni deo su u okviru istog objekta, na samo 200m od autoputa E70 (Beograd-Zagreb), u industrijskoj zoni.

Sa preko 90 godina iskustva (*63 godine proizvodnje autobusa*) i osposobljenim kadrovima, kompanija je spremna da prihvati stalne povećane zahteve za kvalitetom i novim tipovima autobusa. Orientacija ka našim kupcima i ponuda inovativnih rešenja su osnovna politika ove kompanije.

Proizvodni kapaciteti uz sposobnost fleksibilnosti u konstruisanju i proizvodnji čine ovu kompaniju značajnim proizvođačem autobusa u regionu.

IKARBUS

IKARBUS is company specialized for production of buses, located in Belgrade, municipal Zemun.

The administration and production sectors are within the same building, just 200m from the E70 motorway (Belgrade-Zagreb), in the industrial zone.

With over 90 years of experience (*63 years of production of buses*) and trained personnel, the company is ready to accept ever-increasing demands for quality and new types of buses. The orientation towards our customers and the offer of innovative solutions are the basic policy of this company.

Production capacity with the flexibility of design and production make this company a significant manufacturer of buses in the region.



O nama

Skoro ceo vek IKAR(B)US je značajni činilac jugoslovenske a potom i srpske industrije saobraćajnih sredstava. U njegovim pogonima je do sada proizvedeno preko 1000 aviona i preko 24 000 autobusa.

Osnovan je pod imenom IKARUS, 20. novembra 1923 godine, privatnom inicijativom nekolicine novosadskih privrednika na čelu sa Dimitrijem Konjovićem. Za sve ovo vreme nekoliko puta je menjan društveno-ekonomski sistem zemlje, a i oblik vlasništva kao i način organizacije i upravljanja fabrikom.

Godine 1991 IKARUS se deli na tri nova preduzeća, a od 1993 akcionarsko društvo „**IKARBUS - fabrika autobusa i specijalnih vozila**“ posluje pod sadašnjim nazivom. Današnja organizacija podrazumeva pet organizacionih delova: Proizvodni poslovi, Razvojno-tehnički poslovi, Ekonomsko-finansijski poslovi, Komercijalni poslovi i Pravni i opšti poslovi.

Ikarbus je osposobljen da proizvodi kompletnu gamu gradskih, prigradskih i turističkih autobusa. Pri tom je kompanija proizvela i autobuse na gas, kao i više specijalizovanih vozila. Odlikuje ih moderan dizajn, sa tehničko-tehnološkim rešenjima koja prate svetske standarde.

Povratak IKARBUS-a na međunarodno tržište je imperativ današnjeg poslovanja kompanije, jer kapaciteti fabrike premašuju potrebe domaćeg tržišta. Pored velikog broja domaćih dobavljača, IKARBUS ima i dugogodišnju saradnju sa renomiranim evropskim kompanijama, među kojima se ističu MAN, Mercedes, ZF.

Unapređenje procesa konstruisanja i proizvodnje uz pomoć savremenih tehnologija, kao i praćenje svetskih trendova u razvoju autobusa su osnove razvojnog programa IKARBUSA. Sve to je u skladu sa uvedenim sistemom kvaliteta ISO 9001, ISO 14001.

Moto IKARBUSA se sastoji od 3 x E – Efektivnost, Ekonomičnost i Ekologija - i najbolje izražava stratešku orijentaciju fabrike.

About us

Almost the entire century IKAR(B)US is a significant factor in the Yugoslav and then the Serbian industry of transportation vehicles. So far, over 1,000 aircraft and more than 24,000 buses have been manufactured in its facilities.

It was founded under the name IKARUS, on November 20, 1923, due to private initiative of few Novi Sad businessmen led by Dimitrij Konjović. Over all this time, the socio-economic system of the country has changed several times, together with form of ownership as well as the way of organizing and managing the factory.

In 1991, IKARUS was divided into three new companies, and since 1993 the stock company "**IKARBUS - factory of buses and special vehicles**" operates under the present name. Today's organization includes five organizational parts: Production, Development and Technical Affairs, Economic and Financial Affairs, Commercial Affairs and Legal and General Affairs.

Ikarbus is capable of producing a complete range of city, suburban and tourist buses. The company also produced gas buses, as well as several specialized vehicles. They are distinguished by modern design, with technical and technological solutions that follow world standards.

The return of IKARBUS to the international market is an imperative of today's business of the company, because the capacities of the factory exceed the needs of the domestic market. In addition to a large number of domestic suppliers, IKARBUS has many years of cooperation with renowned European companies, including MAN, Mercedes, ZF.

Improving the design and production process with the help of modern technologies, as well as following the world trends in the development of buses are the basis of the IKARBUS development program. All this is in accordance with the introduced quality system ISO 9001, ISO 14001.

The IKARBUS moto consists of 3 x E - Efficiency, Economy and Ecology - and best expresses the strategic orientation of the factory.

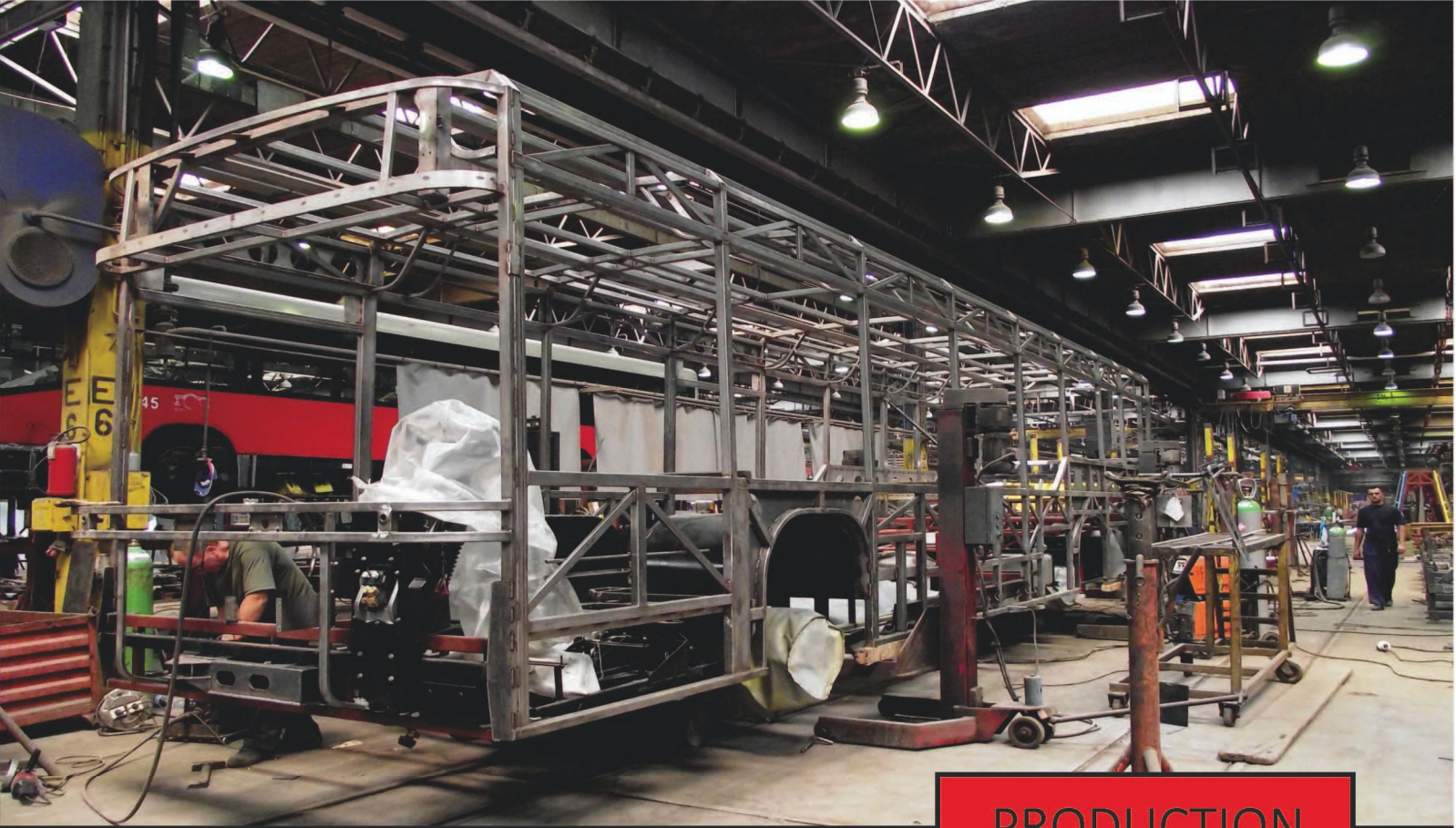


PROIZVODNJA

Proizvodni proces u objektima IKARBUS-a se odvija na 25 492 m². Fabrika je smeštena na placu koji ima 57 430 m². Trenutno, IKARBUS radi sa 270 zaposlenih u jednoj smeni. Pod tim uslovima može se proizvesti do 200 solo autobusa po godini. Promenom radnog i poslovnog okruženja može se proizvesti do 800 solo autobusa po godini.



Kostur autobusa čine šasija i karoserija koje su izrađene od odgovarajućih četvrtastih profila i zavarene u propisanim standardima. Antikorozivna zaštita je sprovedena u skladu sa najsavremenijim tehnologijama i standardima, što omogućava dug eksploatacioni vek vozila. Materijali upotrebljeni za zvučno-termičku izolaciju zadovoljavaju najviše kriterijume automobilske industrije. Bezbednost i komfor putnika naš su cilj.



PRODUCTION

Manufacturing process at IKARBUS facility is realized on 25 492 m². Factory is allocated on 57 430 m² land. Currently, Ikarbus is working with 270 employees in one shift. Under these conditions we can produce 200 single buses per year. With changing working and business environments – it can be done up to 800 single buses per year.



The structural frame of buses is made of chassis and bodywork, made of square profiles, welded in prescribed standards. Anticorrosive protection has been implemented in accordance with highest technologies and standards, which enables a long life-cycle of vehicles. The materials used for sound-thermal insulation meet the highest criteria of the automotive industry. Safety and comfort of passengers are our goal.



IK 103

SOLO SREDNJEPODNI AUTOBUS CITY BUS



MOTOR / ENGINE

- MAN D2066 LUH32 (EURO 5)
- MERCEDES-BENZ OM 457 hLA (EURO 5)

MENJAČ / GEARBOX

- VOITH DIWA.5 (D 864.5)
- ZF-EcoLife (6 AP 1400 B)

PREDNJA OSOVINA / FRONT AXLE • RABA 932.11

ZADNJA OSOVINA / REAR AXLE • RABA 718.05

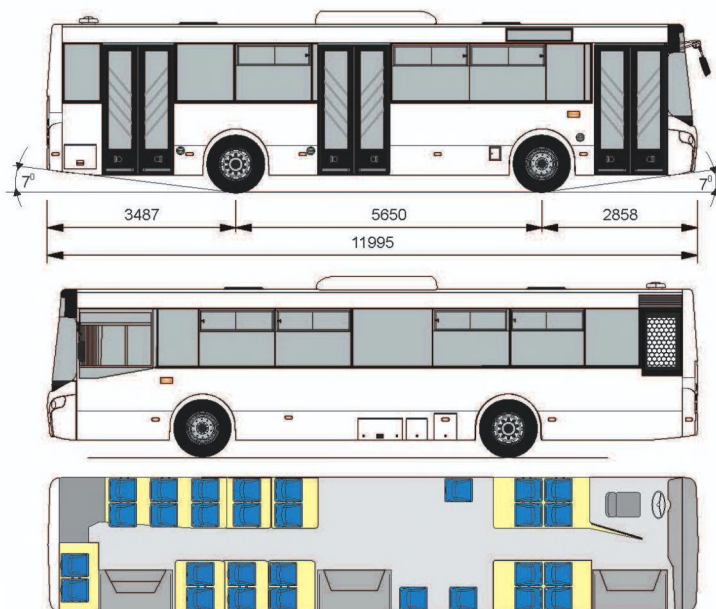
DUŽINA / LENGTH • 11 995 mm

SEDIŠTA / SEATS • 29 - 36



VOITH

WABCO



TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 11995
- Širina / Width : 2500
- Visina / Height : 3300
- Visina salona / Interior height : 2260

MOTOR / ENGINE

- MAN D2066 LUH32 (EURO 5)
235 kW (320 hp) / 1900 rpm, 10518 cm³
- Mercedes-Benz OM 457 hLA (EURO 5)
220 kW (299 hp) / 2000 rpm, 11967 cm³

MENJAČ / GEARBOX

- Automatski / Automatic
Sa retarderom / With retarder
- VOITH DIWA.5 (D 864.5) : 4+1(R)
- ZF-Ecolife (6 AP 1400 B) : 6+1(R)

PREDNJA OSOVINA / FRONT AXLE

RABA 932.11

- Kruta / Rigid

ZADNJA OSOVINA / REAR AXLE

RABA 718.05

- Prenosni odnos / Ratio : 6,194

UPRAVLJAČ / STEERING

PPT 8045

- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Kočnice-disk,doboš / Brakes-disc,drum
- ABS-ASR
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air bellows : 2 + 4
- Amortizeri / Shock absorbers : 2 + 4

TOČKOVI / WHEELS

- Pneumatski / Tyres : 295/80 R22,5"
- Naplatci / Rims : 8,25 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 280 l (2 x 140)

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 29 - 36

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel
EN1.4003

OPREMA / EQUIPMENT

- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj
Air conditioner
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Galerije za prtljag iznad sedišta
Luggage racks above seats (open)
- Standard / Standard
- Opcija / Option



IK 206

ZGLOBNI SREDNJEPODNI AUTOBUS ARTICULATED CITY BUS



MOTOR / ENGINE

- MAN D2066 LUH32 (EURO 5)
- MERCEDES-BENZ OM 457 hLA (EURO 5)

MENJAČ / GEARBOX

- VOITH DIWA.5 (D 864.5)
- ZF-EcoLife (6 AP 1400 B)

PREDNJA OSOVINA / FRONT AXLE • RABA 932.11

NEUTRALNA OSOVINA / NEUTRAL AXLE • RABA A-Au-11997

ZADNJA OSOVINA / REAR AXLE • RABA 718.05

DUŽINA / LENGTH • 17 997 mm

SEDIŠTA / SEATS • 44 - 48



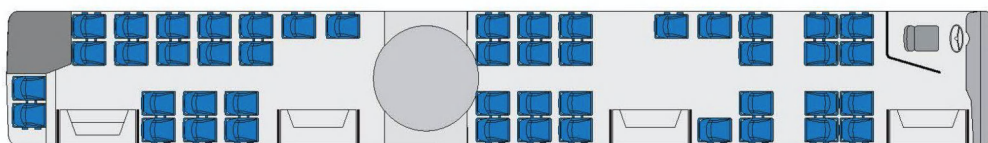
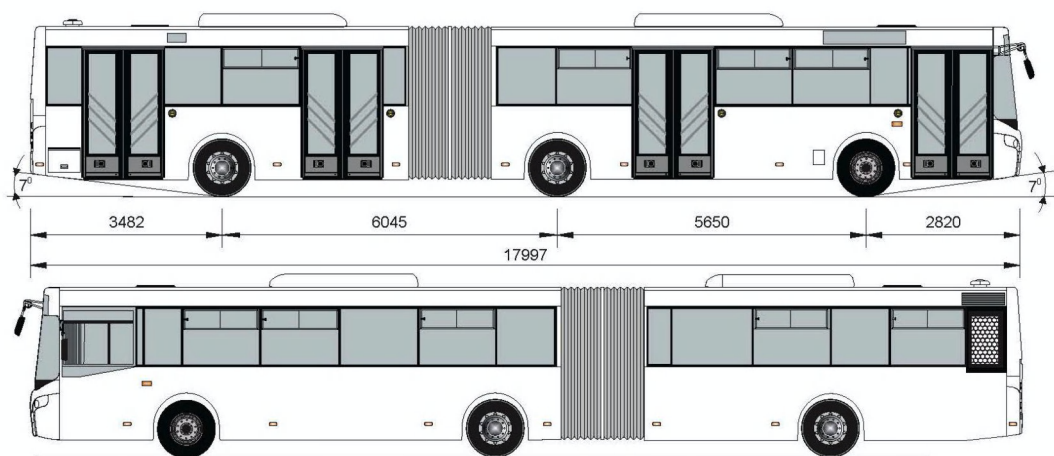
VOITH

08

WABCO



Mercedes-Benz



TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 17997
- Širina / Width : 2500
- Visina / Height : 3300
- Visina salona / Interior height : 2260

MOTOR / ENGINE

- MAN D2066 LUH32 (EURO 5)
235 kW (320 hp) / 1900 rpm, 10518 cm³
- Mercedes-Benz OM 457 hLA (EURO 5)
220 kW (299 hp) / 2000 rpm, 11967 cm³

MENJAČ / GEARBOX

- Automatski / Automatic
Sa retarderom / With retarder
- VOITH DIWA.5 (D 864.5) : 4+1(R)
- ZF-Ecolife (6 AP 1400 B) : 6+1(R)

PREDNJA OSOVINA / FRONT AXLE

- RABA 932.11
- Kruta / Rigid

NEUTRALNA OSOVINA / NEUTR. AXLE

- RABA A-Au-11997

ZADNJA OSOVINA / REAR AXLE

- RABA 718.05
- Prenosni odnos / Ratio : 6,194

UPRAVLJAČ / STEERING

- PPT 8045
- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Kočnice-disk,doboš / Brakes-disc,drum
- ABS-ASR
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air bellows : 2+4+4
- Amortizeri / Shock absorbers : 2+4+4

TOČKOVI / WHEELS

- Pneumatski / Tyres : 295/80 R22,5"
- Naplatci / Rims : 8,25 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 280 l (2 x 140)

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 44 - 48

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel
EN1.4003

OPREMA / EQUIPMENT

- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj
Air conditioner
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Galerije za prtljag iznad sedišta
Luggage racks above seats (open)
- Standard / Standard
- Opcija / Option



IK112N

SOLO NISKOPODNI AUTOBUS LOW-FLOOR CITY BUS



MOTOR / ENGINE • MAN D0836 LOH70 (EEV)

MENJAČ / GEARBOX • VOITH DIWA.5 (D 854.5)

PREDNJA OSOVINA / FRONT AXLE • ZF RL-85A

ZADNJA OSOVINA / REAR AXLE • ZF AV-133

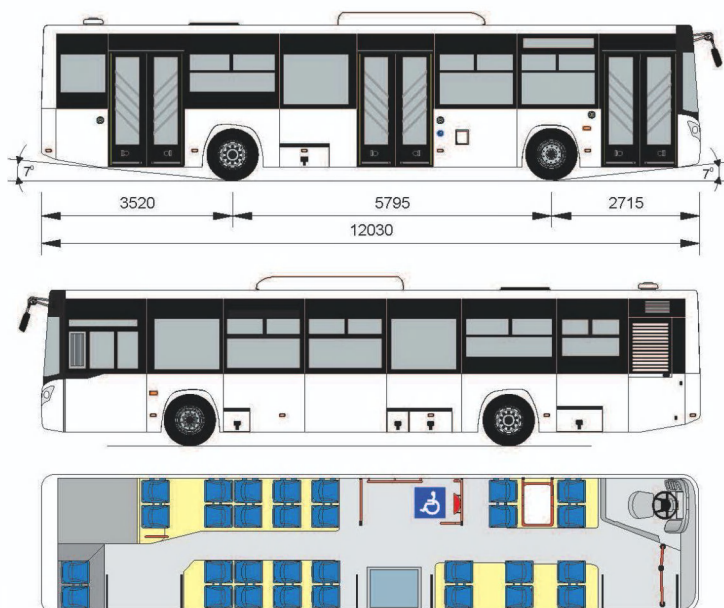
DUŽINA / LENGTH • 12030 mm

SEDIŠTA / SEATS • 28 - 32



VOITH





TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 12030
- Širina / Width : 2525
- Visina / Height : 3040
- Visina salona / Interior height : 2380

MOTOR / ENGINE

- MAN D0836 LOH70 (EEV)
- 213 kW (290 hp) / 2300 rpm
- 6871 cm³

MENJAČ / GEARBOX

- VOITH DIWA.5 (D 854.5)
- Automatski / Automatic : 4+1(R)
- Sa retarderom / With retarder

PREDNJA OSOVINA / FRONT AXLE

- ZF RL-85A
- Kruta / Rigid

ZADNJA OSOVINA / REAR AXLE

- ZF AV-133
- Prenosni odnos / Ratio : 7,38

UPRAVLJAČ / STEERING

- ZF Servocom 8098
- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- ABS / ASR
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows : 2 + 4
- Amortizeri / Shock Absorbers : 2 + 4
- ECAS

TOČKOVI / WHEELS

- Pneumatski / Tyres : 275/70 R22,5"
- Naplatci / Rims : 7,5 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 350 l

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 28 - 32

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Rampa za invalide - manuelna
Wheelchair ramp - manual
- Rampa za invalide - automatska
Wheelchair ramp - automatic
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj
Air conditioner
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option



IK 218N

ZGLOBNI NISKOPODNI AUTOBUS ARTICULATED LOW-FLOOR CITY BUS



MOTOR / ENGINE • MAN D2066 LOH37 (EEV)

MENJAČ / GEARBOX • VOITH DIWA.5 (D 864.5)

PREDNJA OSOVINA / FRONT AXLE • ZF RL-85A

NEUTRALNA OSOVINA / NEUTRAL AXLE • ZF AVN-132

ZADNJA OSOVINA / REAR AXLE • ZF AV-133

DUŽINA / LENGTH • 18070 mm

SEDIŠTA / SEATS • 40 - 44

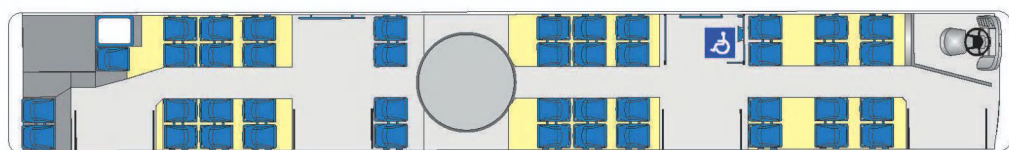
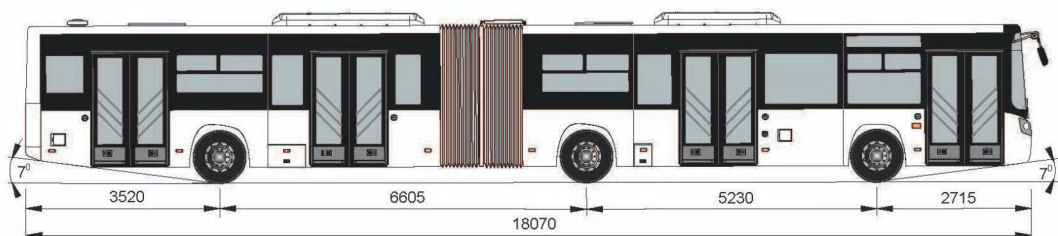


VOITH

WABCO

Continental

VDO



TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 18070
- Širina / Width : 2525
- Visina / Height : 3040
- Visina salona / Interior height : 2380

MOTOR / ENGINE

- MAN D2066 LOH37 (EEV)
- 235 kW (320 hp) / 1900 rpm
- 10518 cm³, AdBlue

MENJAČ / GEARBOX

- VOITH DIWA.5 (D 864.5)
- Automatski / Automatic : 4+1(R)
- Sa retarderom / With retarder

PREDNJA OSOVINA / FRONT AXLE

- ZF RL-85A
- Kruta / Rigid

NEUTRALNA OSOVINA / NEUTR. AXLE

- ZF AVN-132

ZADNJA OSOVINA / REAR AXLE

- ZF AV-133
- Prenosni odnos / Ratio : 5,77

UPRAVLJAČ / STEERING

- ZF Servocom 8098
- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- ABS / ASR
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows : 2+4+4
- Amortizeri / Shock Absorbers : 2+4+4
- ECAS

TOČKOVI / WHEELS

- Pneumatski / Tyres : 275/70 R22,5"
- Naplatci / Rims : 7,5 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 350 l

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 40 - 44

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Rampa za invalide - manuelna
Wheelchair ramp - manual
- Rampa za invalide - automatska
Wheelchair ramp - automatic
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj
Air conditioner
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option



IK 112m

SOLO NISKOPODNI AUTOBUS LOW-FLOOR CITY BUS

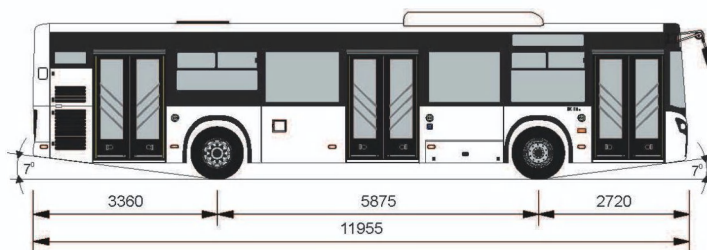


- | | |
|-------------------------------------|---------------------------|
| ŠASIJA / CHASSIS | • MAN A22 |
| MOTOR / ENGINE | • MAN D2066 LUH32 (EURO5) |
| MENJAČ / GEARBOX | • VOITH DIWA.6 (D 864.6) |
| PREDNJA OSOVINA / FRONT AXLE | • MAN VOK-07-B |
| ZADNJA OSOVINA / REAR AXLE | • MAN HONP-13100 |
| DUŽINA / LENGTH | • 11955 mm |
| SEDIŠTA / SEATS | • 32 - 34 |



VOITH

WABCO



TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 11955
- Širina / Width : 2530
- Visina / Height : 3055
- Visina salona / Interior height : 2380

ŠASIJA / CHASSIS

MAN A22

MOTOR / ENGINE

- MAN D2066 LUH32 (EURO 5)
- 235 kW (320 hp) / 1900 rpm
- 10518 cm³

MENJAČ / GEARBOX

- VOITH DIWA.6 (D 864.6)
- Automatski / Automatic : 4+1(R)
- Sa retarderom / With retarder

PREDNJA OSOVINA / FRONT AXLE

- MAN VOK-07-B
- Kruta / Rigid

ZADNJA OSOVINA / REAR AXLE

- MAN HONP-13100
- Prenosni odnos / Ratio : 5,74

UPRAVLJAČ / STEERING

- ZF Servocom 8098
- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- EBS (ABS-ASR)
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows : 2 + 4
- Amortizeri / Shock Absorbers : 2 + 4
- Kneeling
- ECAS

TOČKOVI / WHEELS

- Pneumatski / Tyres : 275/70 R22,5"
- Naplatci / Rims : 7,5 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 280 l

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 32 - 34

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Rampa za invalide - manuelna
Wheelchair ramp - manual
- Rampa za invalide - automatska
Wheelchair ramp - automatic
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option



IK 218M

ZGLOBNI NISKOPODNI AUTOBUS ARTICULATED LOW-FLOOR CITY BUS

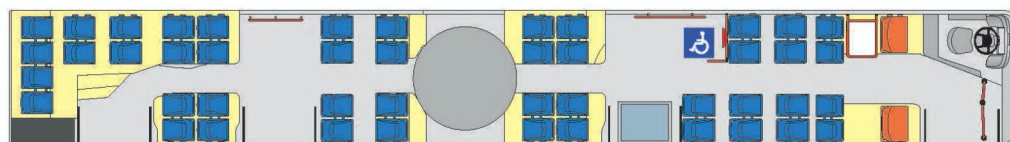


- | | |
|---|--------------------------|
| ŠASIJA / CHASSIS | • MAN A24 |
| MOTOR / ENGINE | • MAN D2066 LUH48 (EEV) |
| MENJAČ / GEARBOX | • VOITH DIWA.6 (D 864.6) |
| PREDNJA OSOVINA / FRONT AXLE | • MAN VOK-07-B |
| NEUTRALNA OSOVINA / NEUTRAL AXLE | • MAN HONP-1300 |
| ZADNJA OSOVINA / REAR AXLE | • MAN HONP-13100 |
| DUŽINA / LENGTH | • 18725 mm |
| SEDIŠTA / SEATS | • 48 - 50 |



VOITH

WABCO



TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 18725
- Širina / Width : 2530
- Visina / Height : 3055
- Visina salona / Interior height : 2380

ŠASIJA / CHASSIS

MAN A24

MOTOR / ENGINE

- MAN D2066 LUH48 (EEV)
- 265 kW (360 hp) / 1900 rpm
- 10518 cm³

MENJAČ / GEARBOX

- VOITH DIWA.6 (D 864.6)
- Automatski / Automatic : 4+1(R)
- Sa retarderom / With retarder

PREDNJA OSOVINA / FRONT AXLE

- MAN VOK-07-B
- Kruta / Rigid

NEUTRALNA OSOVINA / NEUTR. AXLE

MAN HONP-1300

ZADNJA OSOVINA / REAR AXLE

- MAN HONP-13100
- Prenosni odnos / Ratio : 5,74

UPRAVLJAČ / STEERING

- ZF Servocom 8098
- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- EBS (ABS-ASR)
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows : 2+4+4
- Amortizeri / Shock Absorbers : 2+4+4
- Kneeling
- ECAS

TOČKOVI / WHEELS

- Pneumatski / Tyres : 275/70 R22,5"
- Naplatci / Rims : 7,5 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 350 l

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 48 - 50

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukciorni čelik / Structural steel
- Feritni čelik / Ferritic steel EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Rampa za invalide - manuelna
Wheelchair ramp - manual
- Rampa za invalide - automatska
Wheelchair ramp - automatic
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option

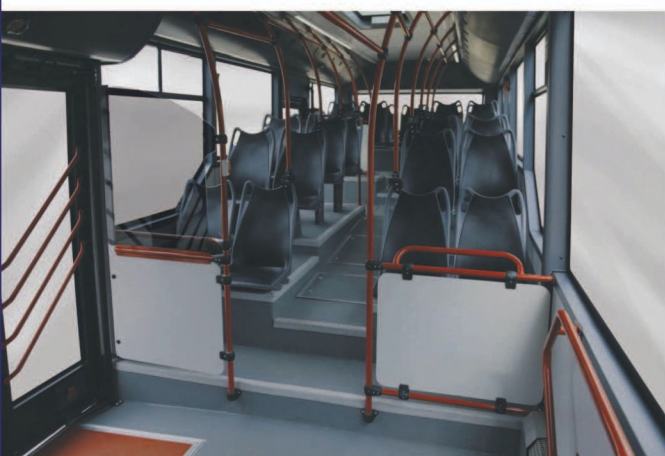
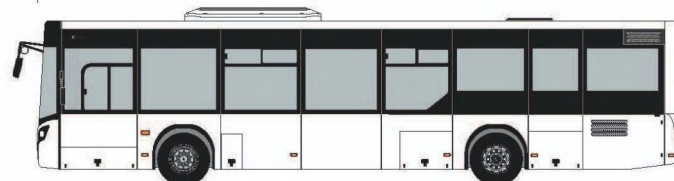
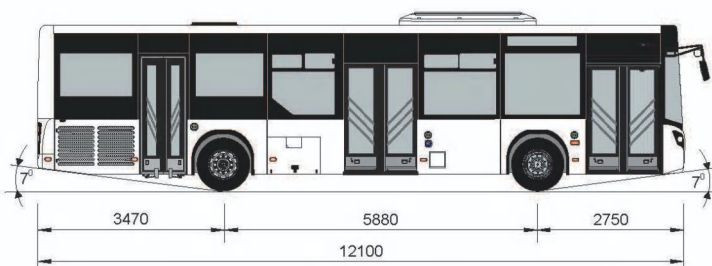
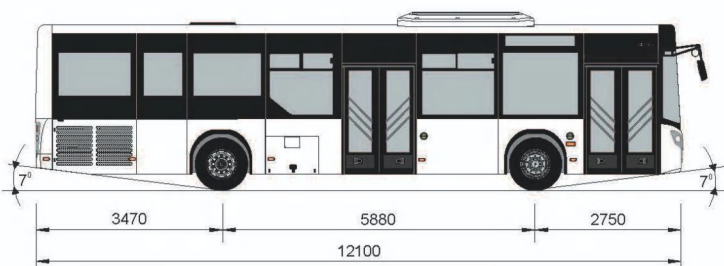


IK 112 LE

SOLO LOW-ENTRY AUTOBUS LOW-ENTRY CITY BUS



- ŠASIJA / CHASSIS** • MERCEDES-BENZ OC 500 LE 1830h
- MOTOR / ENGINE** • MERCEDES-BENZ OM 457 hLA (EURO5)
- MENJAČ / GEARBOX** • ZF EcoLife (6 AP 1400B)
- PREDNJA OSOVINA / FRONT AXLE** • MERCEDES-BENZ VO 4/39 CL-7.5
- ZADNJA OSOVINA / REAR AXLE** • MERCEDES-BENZ HO 6/3 DCLS-13
- DUŽINA / LENGTH** • 12100 mm
- SEDIŠTA / SEATS** • 35 - 37 (Door arrangement 2-2-2)
• 45 (Door arrangement 2-2-0)



TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 12100
- Širina / Width : 2525
- Visina / Height : 3265
- Visina salona / Interior height : 2610

ŠASIJA / CHASSIS

Mercedes-Benz
OC 500 LE 1830h

MOTOR / ENGINE

Mercedes-Benz OM 457 hLA (EURO 5)
• 220 kW (299 hp) / 2000 rpm
• 11967 cm³, AdBlue

MENJAČ / GEARBOX

ZF 6 AP 1400B (Ecolife)
• Automatski / Manual: 6+1(R)
• Sa retarderom / With retarder

PREDNJA OSOVINA / FRONT AXLE

Mercedes-Benz VO 4/39 CL-7.5
• Kruta / Rigid

ZADNJA OSOVINA / REAR AXLE

Mercedes-Benz HO 6/3 DCLS-13
• Prenosni odnos / Ratio: 5,875

UPRAVLJAČ / STEERING

ZF Servocom 8098
• Hidraulični / Hydraulic
• Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- EBS (ABS, ASR)
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows: 2 + 4
- Amortizeri / Shock Absorbers: 2 + 4
- ECAS, ENR
- Kneeling

TOČKOVI / WHEELS

- Pneumatski / Tyres: 275/70 R22,5"
- Naplatci / Rims : 8,25 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 280 l (2 x 140)

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Putnici / Passengers : 35 - 37
- Putnici / Passengers : 45

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel
- EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Rampa za invalide - manuelna
Wheelchair ramp - manual
- Rampa za invalide - automatska
Wheelchair ramp - automatic
- Sedišta - plastična
Seats - plastic
- Sedišta - plastična, lakotapacirana
Seats - plastic, easy upholstered
- Klima uređaj sa grejanjem
Air conditioner with heating
- Pokazivači destinacije (displeji)
Route and destination displays
- Audio sistem / Audio system
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option



IK 312 MB

MEĐUGRADSKI AUTOBUS INTERCITY BUS



ŠASJA / CHASSIS • MERCEDES-BENZ OC 500 RF 1930/1936

MOTOR / ENGINE • MERCEDES-BENZ OM 936 (EURO 6)

MENJAČ / GEARBOX • MERCEDES-BENZ GO 190

PREDNJA OSOVINA / FRONT AXLE • ZF RL-75E

ZADNJA OSOVINA / REAR AXLE • MERCEDES-BENZ RO 440

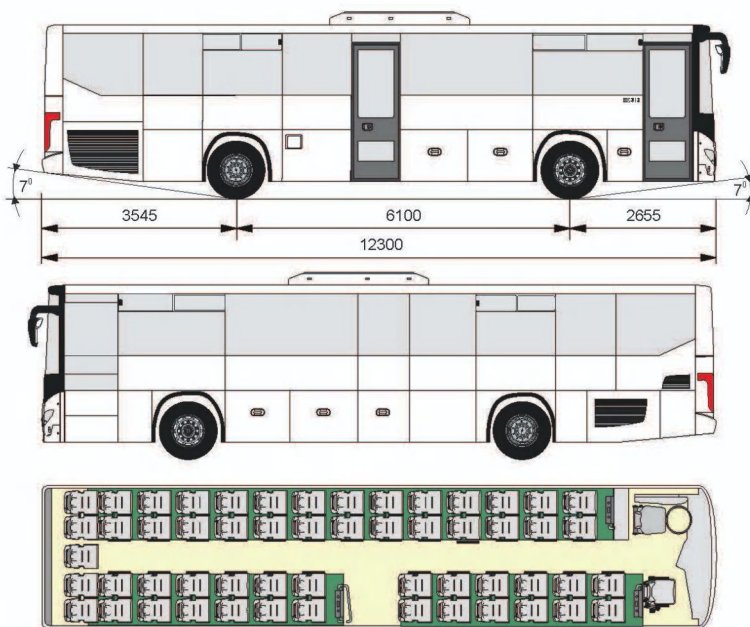
DUŽINA / LENGTH • 12 300 mm

SEDIŠTA / SEATS • max 55



Mercedes-Benz





TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 12300
- Širina / Width : 2535
- Visina / Height : 3380
- Visina salona / Interior height : 2050

ŠASIJA / CHASSIS

Mercedes-Benz
OC 500 RF 1930/1936

MOTOR / ENGINE

- Mercedes-Benz OM 936 (EURO 6)
- 220 kW (299 hp) / 2200 rpm
 - 7700 cm³, AdBlue

MENJAČ / GEARBOX

- Mercedes-Benz GO 190
- Manuelni / Manual: 6+1(R)
 - Sa retarderom / With retarder

PREDNJA OSOVINA / FRONT AXLE

- ZF RL-75E
- Nezavisno vešanje / Independent susp.

ZADNJA OSOVINA / REAR AXLE

- Mercedes-Benz RO 440
- Prenosni odnos / Ratio: 3,154

UPRAVLJAČ / STEERING

- ZF Servocom 8098
- Hidraulični / Hydraulic
 - Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- AEBS, EBS-ABS, ESP-ASR, BAS
- Retarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows: 2 + 4
- Amortizeri / Shock Absorbers: 2 + 4
- ECAS, ENR
- Automatsko podizanje-spuštanje vozila
Automatic controlled body lifting

TOČKOVI / WHEELS

- Pneumatski / Tyres: 295/80 R22,5"
- Naplatci / Rims : 8,25 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 450 l

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Suvozač / Asistant : 1
- Putnici / Passengers : max 55

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioini čelik / Structural steel
- Feritni čelik / Ferritic steel
EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Sedišta - luksuzna
Seats - luxury type
- Galerije za prtljag iznad sedišta
Luggage racks above seats (open)
- Zapremina prostora za prtljag : 5 m³
Luggage capacity : 5 m³
- Klima uređaj sa grejanjem
Air conditioner with heating
- Tempomat
Cruise control (Tempomat)
- Upozorenje o napuštanju trake-LDW
Lane Departure Warning-LDW
- Audio sistem / Audio system
- Pokazivači destinacije (displeji)
Route and destination displays
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option



IK 312 M

MEĐUGRADSKI AUTOBUS INTERCITY BUS



ŠASIJA / CHASSIS • MAN Lion's Chassis (IC 19.290) / RR8

MOTOR / ENGINE • MAN D0836 LOH64 (EURO 5)

MENJAČ / GEARBOX • ZF 6S 1911 BO (EcoShift)

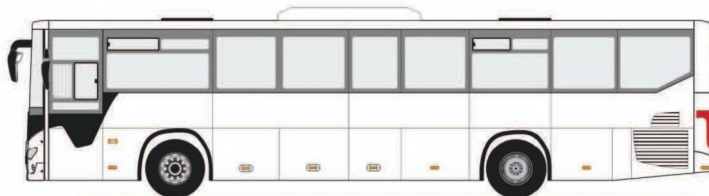
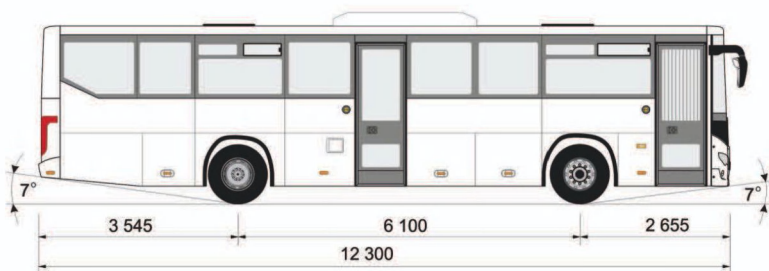
PREDNJA OSOVINA / FRONT AXLE • MAN VOK-08-B-05

ZADNJA OSOVINA / REAR AXLE • MAN HY-1350-B-03

DUŽINA / LENGTH • 12 300 mm

SEDIŠTA / SEATS • max 55+1+1





TEHNIČKE KARAKTERISTIKE / TECHNICAL DATA

DIMENZIJE / DIMENSIONS (mm)

- Dužina / Length : 12300
- Širina / Width : 2550
- Visina / Height : 3380
- Visina salona / Interior height : 2050

ŠASIJA / CHASSIS

MAN (IC 19.290) / RR8

MOTOR / ENGINE

- MAN D0836 LOH 64 (EURO 5)
- 213 kW (290 hp) / 2300 rpm
- 6871 cm³, Oxi-Cat

MENJAČ / GEARBOX

- ZF 6S 1911 BO (EcoShift)
- Manuelni / Manual: 6+1^o
- Sa retarderom / With intarder

PREDNJA OSOVINA / FRONT AXLE

- MAN V0K-08-B-05
- Kruta osovina / Rigid axle

ZADNJA OSOVINA / REAR AXLE

- MAN HY-1350-B-03
- Prenosni odnos / Ratio: 4,56

UPRAVLJAČ / STEERING

- ZF Servocom 8098
- Hidraulični / Hydraulic
- Servo pojačivač / Power assisted

KOČNI SISTEM / BRAKING SYSTEM

- Dvokružni, pneumatski / Dual circuit
- Disk kočnice / Disk brakes
- AEBS, EBS-ABS, ESP-ASR
- Intarder

OSLANJANJE / SUSPENSION

- Vazdušni jastuci / Air Bellows : 2 + 4
- Amortizeri / Shock Absorbers : 2 + 4
- ECAS
- Automatsko podizanje-spuštanje vozila
Automatic controlled body lifting

TOČKOVI / WHEELS

- Pneumatski / Tyres : 295/80 R22,5"
- Naplatci / Rims : 8,25 x 22,5"

REZERVOAR ZA GORIVO / FUEL TANK

- Kapacitet / Capacity : 440 l

SEDIŠTA / SEATS

- Vozač / Driver : 1
- Suvozač / Asistant : 1
- Putnici / Passengers : max 55

GREJANJE / HEATING

- Radijatori / Convector heaters
- Grejači / Blower heaters
- Krovno grejanje / Roof heating

KAROSERIJA / BODY STRUCTURE

- Konstrukcioni čelik / Structural steel
- Feritni čelik / Ferritic steel
EN1.4003

OPREMA / EQUIPMENT

- Instrument tabla - VDV standard
Dashboard - VDV standard
- Spoljni retrovizori sa grejačima
Heated exterior rear view mirrors
- Sedišta - luksuzna
Seats - luxury type
- Galerije za prtljag iznad sedišta
Luggage racks above seats (open)
- Zapremina prostora za prtljag : 5 m³
Luggage capacity : 5 m³
- Klima uređaj sa grejanjem
Air conditioner with heating
- Tempomat
Cruise control (Tempomat)
- Audio sistem / Audio system
- Pokazivači destinacije (displeji)
Route and destination displays
- LCD monitor
- Wi-Fi
- Sistem za video nadzor
CCTV System
- Centralno podmazivanje
Central lubrication
- Automatsko dolivanje ulja
Automatic oil level replenishment
- Automatski protivpožarni sistem u zoni motora
Automatic fire suppression system for engine compartments
- Standard / Standard
- Opcija / Option





IK 103

SOLO SREDNJEPODNI AUTOBUS
CITY BUS



IK 206

ZGLOBNI SREDNJEPODNI AUTOBUS
ARTICULATED CITY BUS



IK 112 N

SOLO NISKOPODNI AUTOBUS
LOW-FLOOR CITY BUS



IK 218 N

ZGLOBNI NISKOPODNI AUTOBUS
ARTICULATED LOW-FLOOR CITY BUS



IK 112 M

SOLO NISKOPODNI AUTOBUS
LOW-FLOOR CITY BUS



IK 218 M

ZGLOBNI NISKOPODNI AUTOBUS
ARTICULATED LOW-FLOOR CITY BUS



IK 112 LE

SOLO LOW-ENTRY AUTOBUS
LOW-ENTRY CITY BUS



IK 312 MB

MEĐUGRADSKI AUTOBUS
INTERCITY BUS



IK 312 M

MEĐUGRADSKI AUTOBUS
INTERCITY BUS



IKARBUS

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