



TECHNICAL DATA FOR
CHASSIS TYPE: M 615 GRN

No. : in use
Status : B
Revision : 11.04.2018
Date : 6 from 3
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We keep the right to make changes in the construction



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TECHNICAL DATA
BUS TYPE: M 615 GRN Low entry

Prepared for: Free Market

Number : N Z01/PR01
Status : in use
Revision : B
Date: : 11.04.2018

	Name	Position	Signature
Made by	Hadzinikolov Tomislav	Project leader	
Checked	Hadzinikolov Tomislav	Project leader	
Approved	Francesk Obradors	Technical manager	



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DIMENSIONS AND WEIGHT

Lenght:	11950 MM	Entry height (from the road):.....	330 MM
Wheel base:	6095 MM	first step:	MM
Front overhang:	2705 MM	second step:	MM
Rear overhang:	3150 MM	third step:	MM
Height:	3120 MM	fourth step:	MM
Width:	2500 MM	fifth step:	MM
Track width (front):.....	2101 MM	Turning circle:	24 M
Track width (rear):	1841 MM	Fuel tank:	250 л
Aisle height:	350 MM	Gross vehicle weight:	M ³
Saloon height:	2470 MM	Gross vehicle weight:	16000 daN
Height of terrace floor:.....	MM	Max. speed:	82 km/h

ENGINE GENERAL DATA:

MOTOR

Manufacturer: **Daimler AG**
Type :..... **OM926 LA E3/5**
No./Arrangement of cylinders:..... **6/R**
Power: **240KW (326) (hP)**
Revolutions per minute (Rpm):..... **2200 1/MIN**
Bore:..... **106 MM**
Stroke:

..... **136 MM**
Engine displacement: **7200 cm³**
Max. Torque:..... **1300 Nm (1200-1600) (1/min)**

Manufacturer: **DAF**
Type :..... **PR228 E5**
No./Arrangement of cylinders:..... **6/R**
Power: **228KW (310) (hP)**
Revolutions per minute (Rpm):..... **2200 1/MIN**
Bore:..... **118 MM**
Stroke:

..... **140 MM**
Engine displacement: **9200 cm³**
Max. Torque:..... **1275 Nm (1200-1700) (1/min)**

Manufacturer: **IVECO**
Type :..... **Cursor 9 E5**
No./Arrangement of cylinders:..... **6/R**
Power: **228KW (310) (hP)**
Revolutions per minute (Rpm):..... **2500 1/MIN**
Bore:..... **MM**
Stroke:

..... **MM**
Engine displacement: **8700 cm³**
Max. Torque:..... **1300 Nm (1100) (1/min)**

AUTOMATIC TRANSMISSIONS

Type: **VOITH D864.5 op.(ZF 6AP 1400 B)**
Ratios: **4 (6)**
first gear:

..... **u₁ = 5.2**
Ratio: **u₄ = 0.7**
Reverse:..... **u_R = 4.84**



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AXLES

FRONT AXLE

Type: **ZF RL75A** , rigid
Front axle max. load: 7500kg

Type: **RABA A-700.53-3100**, rigid
Front axle max. load: 7500kg

Type: **MERITOR FH 946**, rigid
Front axle max. load: 7500kg

Type: **IVECO B6700-2** , rigid
Front axle max. load: 7500kg

Type: **Mercedes Benz FO 7.5** , rigid
Front axle max. load: 7500kg

REAR AXLE

Type: **ZF A 132**
Rear axle max. load: 13000 kg

Type: **MERITOR MC-17X**
Rear axle max. load: 13000 kg

Type **Mercedes Benz HO 440**
Rear axle max. load 13000 kg

Ratios: $i_p = 5.8$

STEERING SYSTEM

- Steering wheel: licence ZF

BATTERY

- Battery (12B/180 Ah), 2 ps.

SUSPENSION

- Air springs at front 2, at rear 4
- Shock absorbers at front 2, at rear 4

- Sway bar:
 Front
 Rear

WHEELS AND TYRES

- Dimensions: 275 /70R225
- No. of wheels: 2+4
- Wheel rim: 8.25x22.5

AIR FILTERING

- Cyclone/chambers with paper filter element

BODY

- Chassis: integral with body
- Corrosion protection: epoxy undercoat and top coat
- Underbody protection: sprayed PVC
- Insulation body: Thermal and acoustic
Side sheet lining: steel or aluminium
Thermal and acoustic engine compartment
Floor: waterproof plywood, with floor covering
Paint: white

SEATS

Passenger seats: (34) grand tourism suburban city
 Driver seat: (1) air
 Additional seat: (0)



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WINDSCREEN

- Front: one piece - Rear:one piece

SIDE WINDOWS

- Side windows: fixed, termicinsulationed colored
- Arrangement: by manufacturer standard

DOORS

Front door: automaticly powerd
 Mid door: automaticly powerd
 Rear door: automaticly powerd
 Luggagedoors: pantografskimehanizam

INSIDE ELECTRICAL EQUIPMENT

Tachograph Oil pressure gauge
 Revolution counter Fuel gauge
 Engine water temperature gauge Air pressure gauge

HEATING

Front heater Air conditioning heater
 Floorheatingwithradiators Additionalwaterheater

VENTILATION

- Roof hatch 1 piece. - Turbo ventilators: 1 piece.

AIR-CONDITIONING

- Air condition: YILKAR / Eberspacher - Cooling capacity: Kcal/h

INTERNAL TRIM

- Aisle and platform: floor covering - Sides: decorated panel
- Stairs: floorcovering - Roof: decoratedpanel

INSIDE EQUIPMENT

Roll-up blinds for front windscreen Tool kit by the customer specification
 Two interior mirrors First-aid kit
 Front row modesty panel Two emergency hammer brackets
 Frontrowmodestypanelatmiddoor Twofireextinguishers

ADDITONAL EQUIPMENT

Side blinds on each side window Inter phone
 Room for personal driver's luggage luggage rack
 Individual lights Audio-set
 Driver's bed Audio-video set with two monitors
 Toilet-cabin Mini kitchen with refrigerator

Numbered drawing is enclosed 18922

ADDITIONAL EQUIPMENT AT CUSTOMERS REQUEST



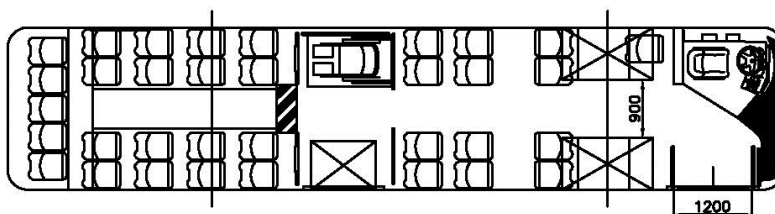
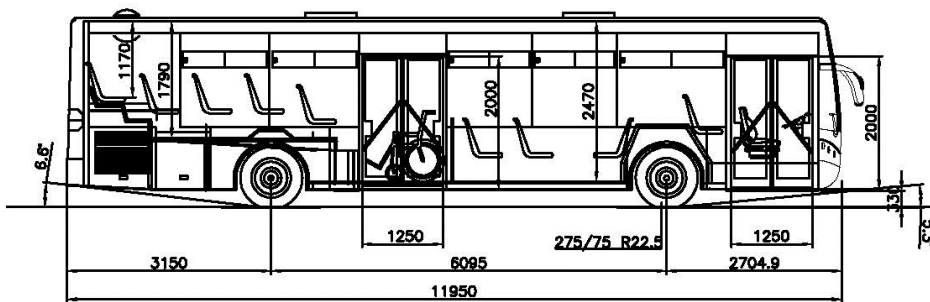
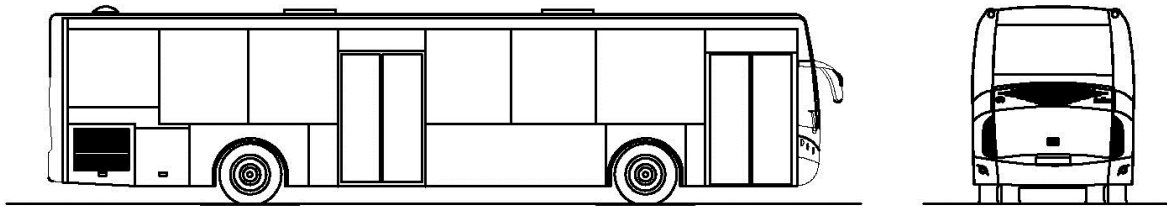
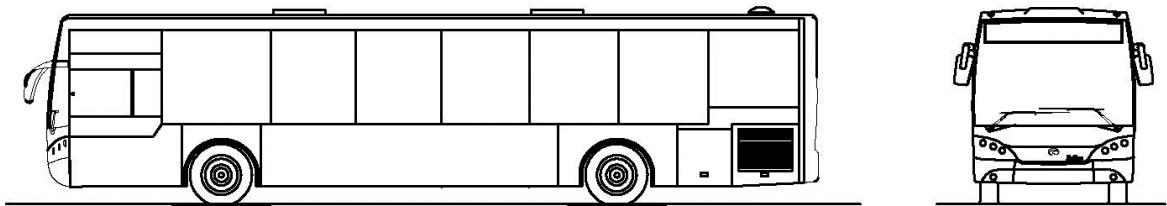
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City Bus M615 GRN

Low entry 2 service doors

Seats 34+1



*Other seat configurations are possible.
External look , openable glasses , lights,
doors and mirrors is shown as example