

# OUTSIDE BROADCAST UNITS

Из частной коллекции Украинцева Максима



**BANCA**

**CARRUS**



# MODERN OUTSIDE

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Outside Broadcast Unit KORPUNKT – a successful solution of problems in three camera mobile units. The unit is designed and produced in cooperation with the Lithuanian Television Technique Company Banga and Finnish coach building manufacturer Carrus. The OB unit is fully equipped with facilities for independent broadcasting or remoting middle and small format TV programs in the SEKAM system.

The power supply of the OB unit is guaranteed by the generating set housed in a sound-proofed enclosure within the unit.

## EQUIPMENT IN THE BASIC UNIT

### Video equipment

- \* 3 reporting television cameras LDN 90 made under license of BTS, the KT 190-1 model also available
- \* one-stage six-input mixer; colour shaping, special effects, titles
- \* 3 full-colour video monitors, 42 cm
- \* 6 monochrome video monitors, 23 cm
- \* video control black and white -video monitor, 40 cm
- \* 2 television oscilloscopes
- \* 4 SEKAM decoders
- \* modem for radio relay link
- \* colour bar generator
- \* 2 VTRS KADR 103 CT
- \* secamscope
- \* alphanumeric television printer
- \* video manual patch panel
- \* on the air signal demodulator

### Audio equipment

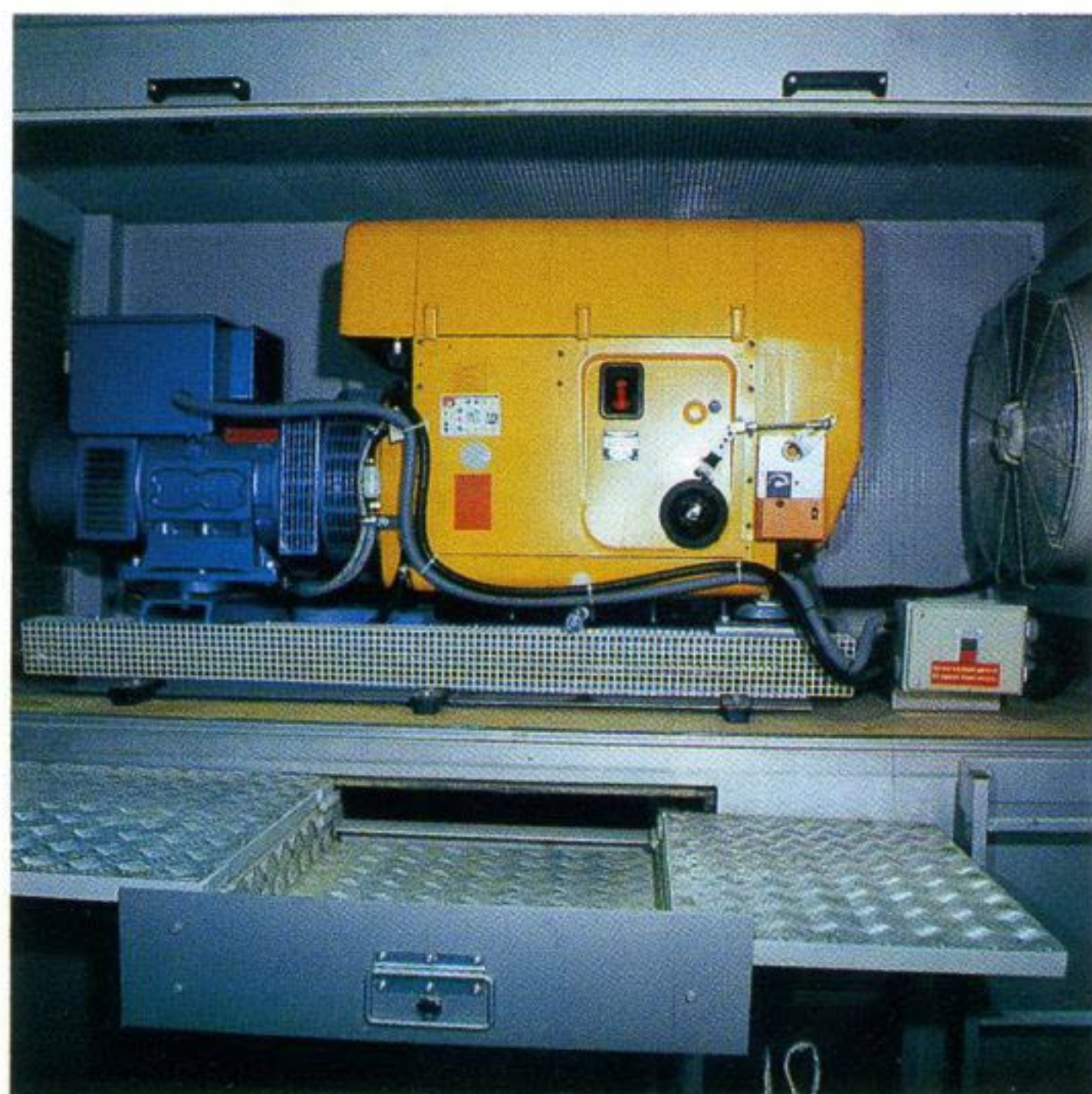
- \* 6-input mixer
- \* manual patch panel
- \* microphones
- \* power amplifiers for reproducing purposes

### Communication facilities

- \* telephone sets
- \* intercom system
- \* radio system

### Power supply

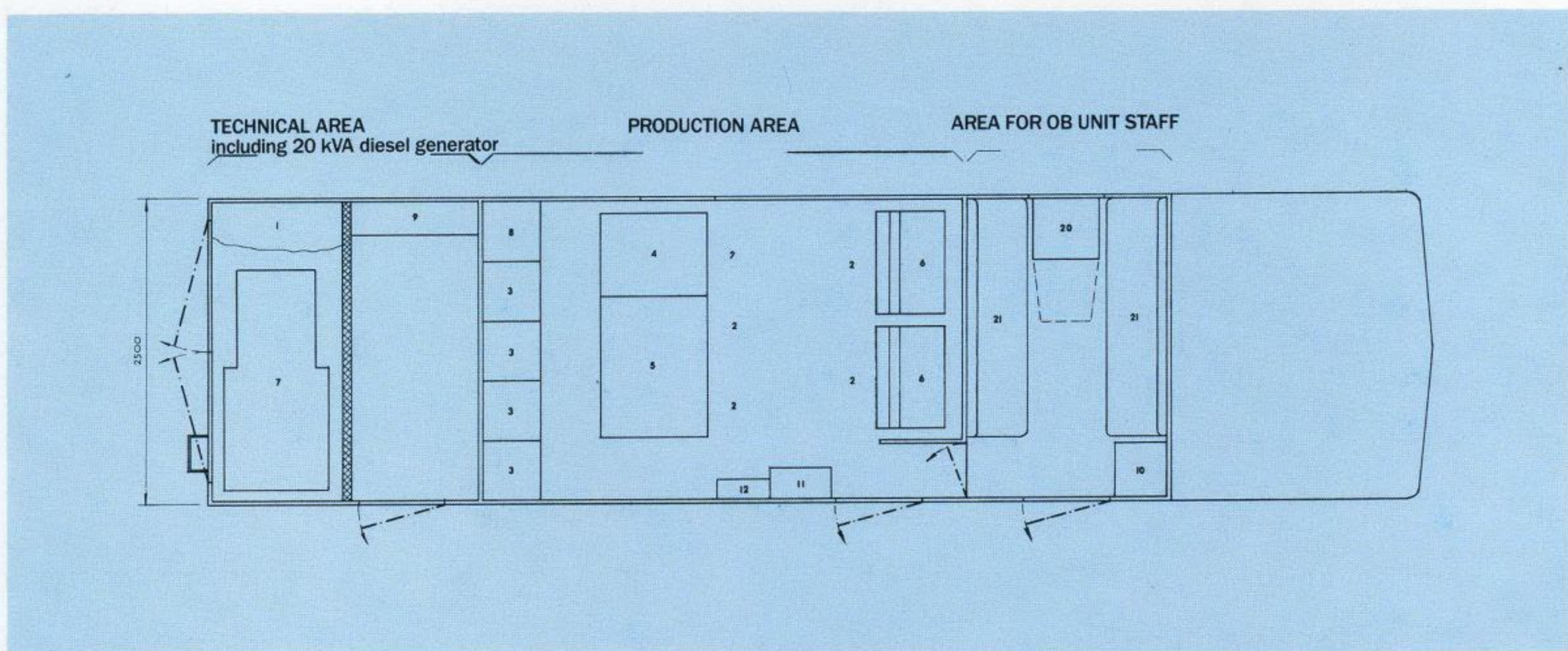
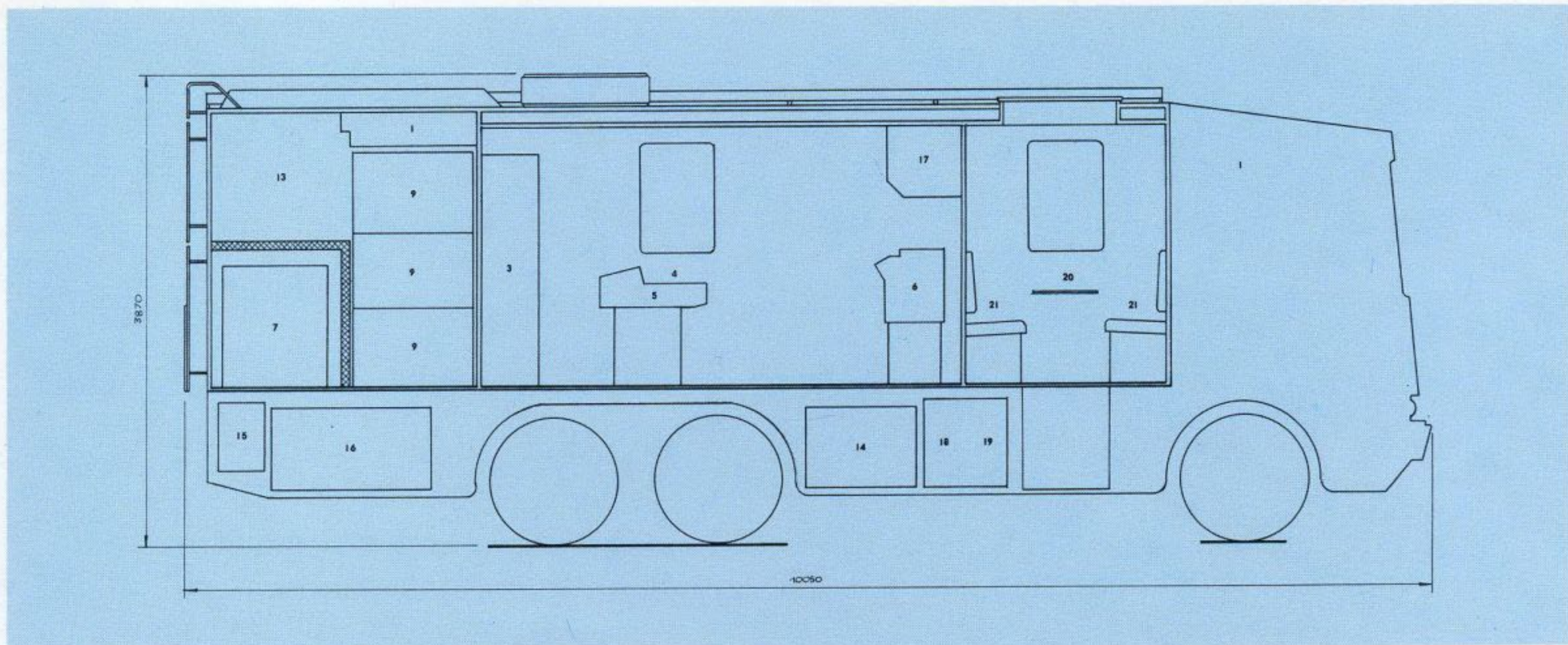
- \* power line, 3-phase 220/380 V, AC, 50 Hz
- \* 20 kVA diesel generator
- \* switchboard with protection and control devices
- \* battery charger





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## Basic unit

- |  |  |
|--|--|
| ① Air conditioner                      | ⑫ Main panel for vehicle                       |
| ② Operator's chair                     | ⑬ Luggage compartment                          |
| ③ Video equipment rack                 | ⑭ Supply voltage regulator                     |
| ④ Radio control desk                   | ⑮ Connection panels for video and audio cables |
| ⑤ Vision and sound control desk        | ⑯ Cable compartment                            |
| ⑥ Videotape recorders                  | ⑰ Locker for tool kits                         |
| ⑦ Generating set                       | ⑱ Main panel for connections                   |
| ⑧ Locker for documents                 | ⑲ Main panel for video                         |
| ⑨ Rack for cameras, tripods and lights | ⑳ Table  |
| ⑩ Wash basin                           | ㉑ Chairs for personnel                         |
| ⑪ Main panel                           |  |



# VEHICLE BODY

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The body is manufactured by the Finnish coach-building company Carrus and is designed to meet the specifications by the TV-broadcasting equipment producer Banga. The body has efficient sound and thermal insulation and is equipped with air conditioning and heating systems. All this provides the possibility to operate in climatic conditions from - 40 C up to +40 C and still have comfortable conditions for the occupants in the unit.

To fix the vehicle on location the body is equipped with four struts housed within the vehicle frame while the OB unit is on move.

The exterior roof is strengthened by using special panels taking into consideration the possibility to use it for operation. Also the roof is equipped with the facilities for antenna and camera mountings.

The body is built on the basis of the chassis Kamaz.

<i>Dimensions</i>	<b>9,875 x 2,5 x 3,88 m</b>
<i>Weight</i>	<b>19 t</b>
<i>Chassis</i>	<b>Kamaz-53213</b>
<i>Engine</i>	<b>4-stroke, 8-cylinder, V-engine, diesel powered 210 H.P.</b>
<i>Gearbox</i>	<b>12 speed</b>

**BANGA**

Lithuanian Television Technique Plant Group  
BANGA  
Siauliai Television Factory TAURAS  
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**CARRUS**

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