

انجمن صنفی شرکتهای حمل و نقل بین المللی ایران

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بِسْمِ تَعَالَى

«نمبر فوری»

بخشنامه

شرکت محترم حمل و نقل بین المللی (عضو و غیر عضو)

موضوع: ابعاد و اوزان مجاز، نقشه تفصیلی مسیرها و موقعیت جایگاههای سوخت قلمرو صربستان

با تقدیم درود و احترام،

حسب اعلام مدیریت کل محترم دفتر ترانزیت و حمل و نقل بین المللی طی نامه شماره ۱۳۰۹۱۲/۷۴/۳ مورخ ۱۴۰۰/۹/۳، پیرو برگزاری دومین کمیته مشترک حمل و نقل بین المللی جاده‌ای با جمهوری صربستان، ابعاد و اوزان مجاز، نقشه تفصیلی مسیرها و موقعیت جایگاههای سوخت قلمرو صربستان جهت آگاهی در سامانه انجمن بارگذاری شده است.

متعاقب وصول هر گونه اطلاعات تکمیلی، مراتب اطلاع رسانی خواهد شد. در خاتمه خواهشمند است هر گونه مغایرت، مراتب به همراه مستندات و شواهد مربوطه جهت اقدامات بعدی به دفتر مذکور

منعکس گردد. ار

با تقدیم احترام

میرفتحعلی زنوزی

دبیر

RULE BOOK

on the division of motor vehicles and trailers and technical conditions for vehicles in road traffic

(*The Official Gazette RS*, Nos. 40/12, 102/12, 19/13, 41/13, 102/14, 41/15, 78/15, 111/15, 14/16, 108/16, 7/17 - correction, 63/17, 45/18, 70/18, 95/18, 104/18, 93/19, 2/20-correction and 64/21

III. VEHICLE DIMENSIONS AND WEIGHTS

Article 17.

The maximum permitted vehicle length is:

- 1) for motor vehicles other than buses and L - type vehicles – 12.00 m;
- 2) for O and R types of vehicles – 12.00 m, except semitrailers. The length of the trailer is measured from the eye of the towbar to the most protruding point at the rear end of the vehicle. In the case of semitrailers, the maximum permissible distance from the axis of the towing plug to the most protruding point at the rear end of the semitrailer is – 12.00 m;
- 3) for a double-axle bus – 13.50 m;
- 4) for a triple and multi-axle bus – 15.00;
- 5) for articulated bus – 18.75 m;
- 6) for an articulated bus with two or more articulations – 25 m;
- 7) for vehicle type L – 4.00 m;
- 8) for vehicle type K, except K5 – 12.00 m;

The maximum allowed length of a set of vehicles is:

- 1) for tractor with semitrailer – 16.50 m;
- 2) for towing vehicle with trailer – 18.75 m, where certain lengths must not exceed the following values:
 - (1) maximum distance from the most protruding front of the load compartment of the towing vehicle to the most protruding rear of the load compartment of the trailer, reduced by the distance between the rear of the towing vehicle and the front of the trailer, measured parallel to the longitudinal axis of the vehicle assembly, shall not exceed 15.65 m;
 - (2) the greatest distance, from the most protruding front of the load compartment behind the cab of the towing vehicle to the most protruding rear of the load compartment of the trailer, measured parallel to the longitudinal axis of the vehicle assembly, shall not exceed 16.40 m;
- 3) for bus with trailer – 18.75 m;
- 4) for a set of vehicles intended for the transport of containers or vehicles – 21.00 m;
- 5) for a tourist train – 40.00 m.

The distance of any point on the front of the semitrailer and the axis of the semitrailer's towing plug must not exceed 2.04 m.

The distance between the rear axle of the towing vehicle and the front axle of the trailer and the trailer with the central axle must not be less than 3.00 m.

The axle spacing of trailers with a central axle or rigid shaft, for the purpose of determining the relationship with the rear overhang of the vehicle, represents the distance from the axis of connection of the coupling device to the centre line of the axle group.

The maximum permissible rear overhang of the vehicle may not exceed 60% of the total wheelbase.

Notwithstanding paragraph 6 of this Article for vehicles where the rear overhang is greater than 60% of the total wheelbase, the handling of the vehicle in terms of vehicle overhang must be according to the vehicle manufacturer's declaration, that is, in accordance with the regulation governing the testing of vehicles.

Notwithstanding paragraph 6 of this Article, for vehicles with built-in devices for performing certain actions, which are registered in the Republic of Serbia until 18 September 2010, the overhang may amount to more than 63% of the total wheelbase.

Notwithstanding paragraph 6 of this Article for vehicles registered in the Republic of Serbia from 18 September 2010 until the date of entry into force of this Rule Book, the overhang may amount to a maximum of 63% of the total wheelbase.

The maximum permissible tolerance in the length of the vehicle is 0.5% of the prescribed values.

The provision of paragraph 6 of this Article shall not apply to vehicles manufactured or first registered before 1 January 1973.

The provision of paragraph 6 of this Article does not apply to TR type vehicles.

The provisions of this article do not apply to military vehicles.

Article 18.

The maximum permissible width of the vehicle is 2.55 m, except:

- 1) for a working machine, S-type vehicles and a tractor on which an accessory for performing works has been installed, for which the maximum permitted width is – 3.00 m;
- 2) for vehicles of types N and O with air-conditioned fixed or replaceable superstructure with a wall thickness over 45 mm, for which the maximum permissible width is – 2.6 m;
- 3) for a vehicle of type N which has interchangeable road maintenance devices, for which the maximum permissible width is – 3.00 m.

Notwithstanding paragraph 1 of this Article, the width of the vehicle does not include extensions that may occur due to deformation of the tires in the contact area with the road, installation of snow chains and installation of position lights, direction indicators, exterior mirrors, headlights, elastic fenders, and other accessories elastically attached to the solid construction of the vehicle.

All articulated or elastically connected parts referred to in paragraph 2 of this Article, when they overlap with the solid construction of the vehicle, must be within the prescribed maximum permissible vehicle width, and other parts – within the prescribed maximum allowed width from this article, increased by the value of the allowed deviation of not more than 1%.

The provisions of this article do not apply to military vehicles.

Notwithstanding the provision of Article 18, paragraph 1, item 1) of this Rulebook, the maximum permitted width of the combine is 3.50 m.

Article 19.

The maximum permitted height of the vehicle is – 4.0 m, except for L-type vehicles, for which the maximum permitted height is – 2.5 m.

The ground clearance of the vehicle must enable the vehicle laden to the maximum permissible mass to cross an obstacle of 10 cm in height.

The provisions of this article do not apply to military vehicles.

Article 20.

Motor vehicles, as well as sets of vehicles, must have such devices that when driving in a circle of 360°, the most protruding point of the vehicle must be guided in a circle with a diameter of not more than 25 m, where the vehicle dimensions must be within a maximum width of 7.2 m.

Article 21.

The maximum permissible total mass of a motor vehicle and a set of vehicles is 40 t, unless otherwise defined by this Article.

The total mass of the motor vehicle or trailer must not exceed the value of the maximum permissible mass of the vehicle declared on the manufacturer's plates of the motor vehicle or trailer.

The total mass of the vehicle assembly must not exceed the maximum permissible mass of the vehicle assembly declared on the vehicle assembly manufacturer's plates. If this information is not known, the total mass of the trailer must not exceed the total mass of the towing vehicle by more than 50%.

The total mass of the motor vehicle must not exceed the following values of the maximum permissible total mass of the motor vehicle, as follows:

- 1) for a two-axle motor vehicle other than a bus – 18 t;
 - 1a) for two-axle bus – 19.5 t;
 - 1b) for two-axle motor vehicles with alternative fuel drive – 19 t, of which at most one tonne refers to the mass required by alternative fuel technology;
- 2) for three-axle motor vehicle – 25 t, or 26 t if the drive axle is fitted with twin tires and air suspension or suspension which is accepted as equivalent, or where each drive axle is fitted with twin tires and the maximum axle load of any axle does not exceed 9,5 t;
 - 2a) for three-axle motor vehicles with alternative fuel drive – 26 t or 27 t, of which at most one tonne refers to the mass required by alternative fuel technology, if the drive axle is fitted with twin tires and air suspension or suspension which is accepted as equivalent or where each drive axle is fitted with twin tires and the maximum axle load of any axle does not exceed 9,5 t;
- 3) for a four-axle motor vehicle with at least two steering axles – 32 t, if the drive axle is fitted with twin tires and air suspension or suspension which is accepted as equivalent, or where each drive axle is fitted with twin tires and the maximum axle load of any axle does not exceed 9,5 t;
- 4) for three-axle articulated bus – 28 t;
 - 4a) for a three-axle articulated bus with alternative fuel drive – 29 t, of which at most one tonne refers to the mass required by alternative fuel technology;
- 5) for a light tricycle – 0.57 t;
- 6) for a heavy tricycle – 1.3 t;

- 7) for a heavy cargo tricycle – 2.5 t;
- 8) for a light quadricycle – 0.55 t;
- 9) for a heavy quadricycle for the transport of people – 0.60 t;
- 10) for a heavy quadricycle for the transport of goods – 1.55 t;

The total mass of the trailer must not exceed the values of the maximum permissible total weight of the trailer, as follows:

- 1) for a single-axle trailer – 10 t;
- 2) for a two-axle trailer – 18 t;
- 3) for a three-axle trailer – 24 t.

The total mass of the set of vehicles must not exceed the values of the maximum permissible total mass of the set of vehicles, as follows:

- 1) a set of vehicles with 5 or 6 axles:
 - (1) for a two-axle motor vehicle with a three-axle trailer – 40 t;
 - (2) for a three-axle motor vehicle with a two-axle or three-axle trailer – 40 t;
 - (2a) for a two-axle tractor with a three-axle semi-trailer when transporting a container or more containers, that is, interchangeable superstructures (transport vessels) with a maximum total length of 45 feet – 42 t;
 - (3) for a three-axle tractor with a two-axle or three-axle semi-trailer when transporting a container or more containers, that is, interchangeable superstructures (transport vessels) with a maximum total length of 45 feet – 44 t;
- 3) a set of four-axle vehicles consisting of a two-axle motor vehicle and a two-axle trailer – 36 t;
- 4) tractor with semi-trailer with a total of 4 axles, where both the tractor and the semi-trailer are two-axle, and in case the distance between the axles of the semi-trailer is:
 - (1) 1.3 m and does not exceed 1.8 m ($1.3 \leq d \leq 1.8$) – 36 t;
 - (2) exceeding 1.8 m ($d > 1.8$) – 36 t, or 38 t when the maximum permissible mass of the towing vehicle is 18 t and the maximum permissible load of the double axis of the semi-trailer is 20 t, wherein the drive axles are equipped with twin tires and air suspension or suspension which is accepted as equivalent.

The provisions of this article do not apply to military vehicles.

Article 22.

The axle load of the vehicle must not exceed the values declared by the manufacturer and stated on the vehicle manufacturer's table.

The axle load of the vehicle or a set of vehicles at rest on a horizontal surface must not exceed:

- 1) for one driven axle – 10 t;
- 2) for one drive axle – 11.5 t;

The total load of two axles of motor vehicles, which have a mutual distance:

- 1) up to 1.0 m ($d < 1.0$) must not exceed 11.5 t;
- 2) from 1.0 m to 1.3 m ($1.0 \leq d < 1.3$) must not exceed 16 t;
- 3) from 1.3 m to 1.8 m ($1.3 \leq d < 1.8$) must not exceed 18 t, or 19 t if the drive axle is fitted with twin tires and air suspension or suspension which is accepted as equivalent, or where each drive axle is fitted with twin tires and the maximum axle load of any axle does not exceed 9.5 t;

The total load of two axles of trailers with mutual distance:

- 1) up to 1.0 m ($d < 1.0$) must not exceed 11.5 t;
- 2) from 1.0 m to 1.3 m ($1.0 \leq d < 1.3$) must not exceed 16 t;
- 3) from 1.3 m to 1.8 m ($1.3 \leq d < 1.8$) must not exceed 18 t;
- 4) of 1.8 m or more ($d \geq 1.8$) must not exceed 20 t;

The total load of three axles of trailers with mutual distance:

- 1) which does not exceed 1.3 m ($d \leq 1.3$) must not exceed 21 t;
- 2) which exceeds 1.3 m and does not exceed 1.4 m ($1.3 < d \leq 1.4$) must not exceed 24 t.

At least one quarter of the total mass of the vehicle, i.e., the set of vehicles, must act on the drive wheels of vehicles of types L, M and N, if the vehicle is loaded and at rest on the horizontal plane.

The wheels of the steering axle of vehicles of types L, M and N, if the vehicle is loaded and at rest on a horizontal surface, must be affected by at least one fifth of the total mass of the vehicle.

The provisions of this article do not apply to military vehicles.

Article 23.

The maximum permissible mass of a vehicle with wheels without tires is for a vehicle with wheels made of metal, solid rubber, plastic or similar material, with:

- 1) one axle – 1.2 t;
- 2) with two axles – 3.0 t.

Wheels made of metal, solid rubber, plastic or similar material must be flat. The elements to which the wheels are attached must have a flat head and must not be outside the plane of the wheel.

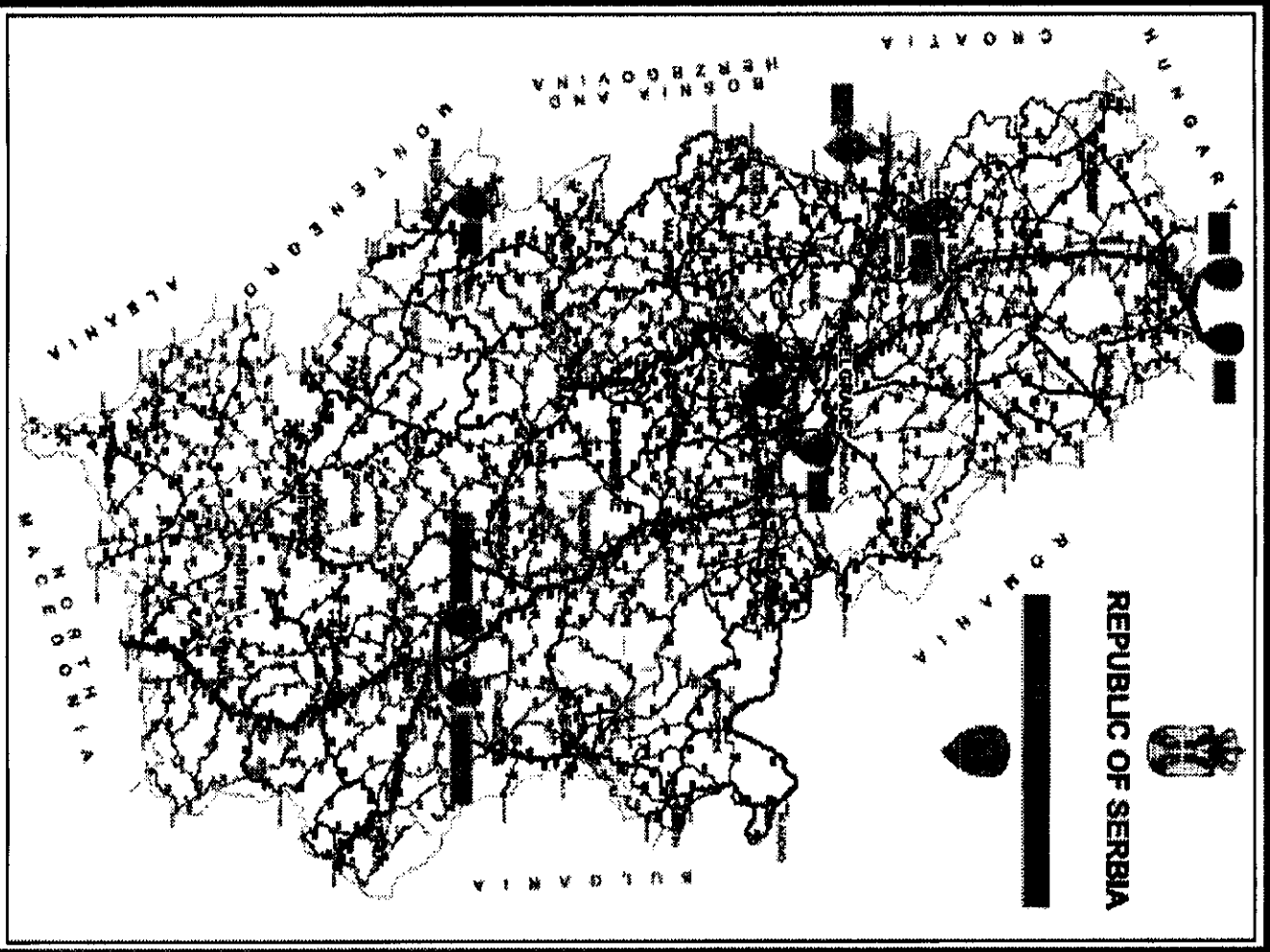
The provisions of this article do not apply to military vehicles.

Article 24.

The ratio of the maximum nominal power of the engine, i.e., the maximum continuous nominal power of the electric motor and the maximum permissible mass of the vehicle, i.e., the set of vehicles, must be at least 5 kW/t. In the case of towing vehicles or tractors for towing semi-trailers intended for the transport of bulk loads, the ratio of the maximum rated engine power, i.e., the maximum continuous nominal power of the electric motor and the maximum permissible mass of the vehicle assembly must be at least 2 kW/t.

The provision of paragraph 1 of this Article does not apply to vehicles of type T, Tm, TR, K5a, as well as to vehicles powered by an electric motor.

The provisions of this article do not apply to military vehicles.



[1] RAM



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