

## Conditions for forwarding of loading units of combined traffic

Unified marking and coding of railway lines concerned in forwarding of loading units of combined transportation - large size containers, semi trailers and swap bodies (hereafter KV) - as well as conditions of forwarding are defined by UIC Leaflet 596-6, Loading Rules, Volume 2, point 9, and special agreements concluded with railway companies. Considering the above mentioned, loading units of combined traffic specified above may only be accepted (taken over) for transportation and may be forwarded on the network of MÁV Zrt under conditions as follows:

a) **Large size container:** Containers with width and height dimensions of 8'x8' (2438x2438 mm), 8' x 8'6" (2438x2591 mm) and 8' x 8'6 1/2" (2438x2603 mm C13). They may be forwarded as normal consignments on the network of MÁV, if UTI code number on the UIC code table is not higher than the UTI code number of swap bodies in accordance with Loading Rules, Volume 2, Point 9, Table 1 (hereinafter Table 1) relating to the railway network operated by MÁV Zrt. Also the correction value written on the vehicle must be taken into consideration.

b) **High-cube** containers with width and height dimensions of 8'x9'6" (2438x2896 mm C44) shall be taken into account with C 45 code number.

Should the container not comply with specification laid down in table 1, it can be transported as an out-of-gauge consignment as a consignment of type 11 by taking point 'e' into consideration. Also the correction value written on the vehicle must be taken into consideration.

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c) **Swap bodies:** The letter "C" and a two-digit number on the UIC code table show swap bodies up to the width of 2550, and a three-digit number shows swap bodies of a width of 2600 mm.

Swap bodies may be forwarded on the network of MÁV Zrt as a normal consignment if the code number on the UIC code table is not higher than the relevant code number of Table 1.

Also the correction value written on the vehicle must be taken into consideration.

d) **Semi-trailers:** Width of semi-trailers, marked with UIC code number and satisfying provisions of UIC Leaflets, equals to that of swap bodies.

Height of semi-trailers are marked on the UIC code table with a letter "P" and a two-digit number for semi trailers of a width of 2550 mm and with a three-digit number for semi trailers of a width of 2600 mm.

Semi trailers may be forwarded on the network of MÁV Zrt as a normal consignment if code number on the UIC code table is not higher than the relevant code number of Table 1.

Also the correction value written on the vehicle must be taken into consideration.

e) Transportation of out-of-gauge combined traffic loading units

1. Loading units of combined traffic under points a) b) c), d), may be forwarded as a consignment of type 11 if their UTI code number is higher

than the value assigned to it in table 1; their UTI code number is not higher than the P/C 80/ 410 value. Also the correction value written on the vehicle must be taken into consideration.

Out-of-gauge loading units of combined traffic (consignment type 11) may not be forwarded on the following line sections:

- Budapest-Déli pu. – Kelenföld,
- Hidas-Bonyhád – Bátaszék,
- Pilisvörösvár – Piliscsaba,
- Szarvaskő – Bélapátfalva – Királd,
- Veszprémvarsány – Zirc,
- Kiskőre – Abádszalók,
- Abaújszántó mrh. – Hidasnémeti,
- Szokolya – Diósjenő –Drégelypalánk.

2. This regulation applies to forwarding of transport units of combined traffic in domestic traffic. In international traffic they can be use only if specially agreed.

MÁV Rk-20/ completed with the very last two digits of the actual year (e.g. 20/12, 20/13) shall be introduced on the consignment note and on the label “U”.



3. Out-of -gauge KV loading units without UIC code table and those that cannot meet conditions mentioned here, can be accepted (taken over) and forwarded only as exceptional consignment, or on the basis of special agreement and special permit.

4. If loading units are forwarded in coded container trains, besides the coordination of codes also permits for forwarding of exceptional consignment is required, if examination shows that the UTI code is higher than the UTI code of Table 1.

## Loading rules – Volume 2, Point 9 Table 1

**UTI (in general without exceeding loading gauge) may be forwarded as normal consignment on MÁV lines, if**

code number of swap bodies/containers/rolling container bodies on UIC code-plates, or rating code or type number of high size containers are not higher than the code number, type number given by the Table depending on wagons

		2-axle wagons		Bogie wagons								Railway vehicle with wagon-type mark   	
		K...	L...s	R...s				with wagon type mark					
		maximum axle distance		maximum distance between bogie pins bb									
		8 m	9 m	9 m	14,86 m				11,30 m	15,80 m			
		maximum distance from the outermost axle outwards (na)											
		2,25 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m		
		maximum height of loading surface											
		1250 mm	1180 mm	1260 mm	1180 mm	1240 mm	1260 mm	1300 mm	1180 mm	1180 mm	1240 mm		
loading inaccuracy													
± 20 mm	± 10 mm	± 10 mm				± 10 mm							
UIC- code no	railwa y	with guide stick	with fastening equipment	with lateral guide or with fastening equipment					with fastening equipment				
55	MAV <sup>6)</sup>	C 21 / C 340	C32 / C351	C 24 / C 343	C 19 / C 338	C 13 / C 332	C 11 / C 330	C 07 / C...	C 28 / C 347	C 18 / C 337	C 12 / C 331	C 21 / C 340	B 21 / B 340

1. <sup>6)</sup> except BUDAPEST-DÉLI PU