

Loco type as train parameter

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INTRODUCTION

From [version 2.7.0 \(2020\)](#) a new structure of the loco type is created where the following mapping is applied from the old to the new structure.

For the Type of loco, we followed the following logic:

- when the type of engine is electric WITHOUT multiple units then it is an Electric loco
- when the type of engine is diesel WITHOUT multiple units then it is a Diesel loco
- when the type of engine is electric WITH multiple units and the traction max speed is equal to or higher than 200, then it is a High speed electric multiple units
- when the type of engine is electric WITH multiple units then it is an Electric multiple units
- when the type of engine diesel WITH multiple units then it is a Diesel multiple units
- in any other cases will be Miscellaneous, like steam and hybrid loco types

The purpose of this documentation is to show where an overview of the published locos can be found, how to enter them into the dossier, how to copy as a part of the train parameters.

Overview of the registered locos

Loco type table is available for Applicants and IMs as well under the administration menu, however only **IMs can edit** them, **Applicants** have **read-only access**.

Administration ▾

Im Parameters

Loco Types

Operation points

Activity types

Common Mandatory Parameters

Traffic periods

Grid

Locomotives published by IMs are displayed in a grid view, where the user can filter by the following:

- Timetable period
- IM (Agency)
- Series number

Loco Types

Select timetable period
 Timetable period: 2022

Select agency
 Agency: VPE, Hungarian Rail Capacity Allocation Office

List of registered locomotives in the system

All pages | Only this page | Copy to next timetable period | Delete selected

Hide/unhide columns

<input type="checkbox"/>	ID	TYPE OF LOCO	COUNTRY	SERIES NUMBER	TYPE OF ENGINE	TRAIN CC SYSTEM	WEIGHT(T)	LENGTH(M)	
<input checked="" type="checkbox"/>	22146	Diesel locomotive	Hungary	UFDJ	Diesel	EVM	49	17	<input type="button" value="Edit"/>
<input type="checkbox"/>	22145	Diesel locomotive	Hungary	KIAG (sz)661	Diesel	EVM	80	20	<input type="button" value="Edit"/>
<input type="checkbox"/>	22143	Diesel locomotive	Hungary	CSME	Diesel	EVM	123	18	<input type="button" value="Edit"/>
<input type="checkbox"/>	22142	Diesel locomotive	Hungary	ÁR	Diesel	EVM	80	25	<input type="button" value="Edit"/>
<input type="checkbox"/>	22141	Diesel locomotive	Hungary	AG	Diesel	EVM	35	12	<input type="button" value="Edit"/>

1 - 5 of 142 items per page ...

Please note that new loco types can be created anytime without restrictions by the IMs, however, a loco type could be deleted and edited only, if the loco type is not used in any dossiers.

The loco types administration for IMs is explained in another document.

How to use the loco in a dossier

Single Loco

This is how the traction details look like before entering the mandatory fields in edit mode:

TRACTION DETAILS

Loco type number	<input type="text" value="Start typing..."/> ▼ *	Traction mode	<input type="text" value="Train traction"/> ▼ ✓	
Hybrid loco type	<input type="text"/>		<input type="text" value="1st traction unit in the ..."/> ▼ ✓	
Traction weight	<input type="text"/>	Traction length	<input type="text"/>	
Traction max speed	<input type="text"/>			

Train weight	<input type="text"/> *	Weight carriages set	<input type="text"/> *
Train length	<input type="text"/> *	Length carriages set	<input type="text"/> *

Train max speed	<input type="text"/> *	Planned speed	<input type="text"/>
Highest planned speed	<input type="text"/>	Coasting	<input type="checkbox"/>

Push-Pull train	<input type="checkbox"/>		
Traffic type	<input type="text"/>	Type of service	<input type="text"/>
Route class	<input type="text"/> ▼	Max axle weight	<input type="text"/>
Train radio system	<input type="text"/> ▼	Train cc system	<input type="text" value="0"/> ▼

Container profile P	<input type="text"/>	Container profile C	<input type="text"/>
	<input type="text"/>		<input type="text"/>

Users can **select locos** from the list of locos registered by the IM responsible for the specific location user is editing.

You can **start typing the loco type number** or the **explanation** and **PCS will filter** the list of locos registered in the system.

TRACTION DETAILS

Loco type number	<input type="text" value="tau"/>		Traction mode	<input type="text" value="Train traction"/>
Hybrid loco type	<input type="text"/>		Traction length	<input type="text" value="1st traction unit in the ..."/>
Traction weight	182; 000; hu; Tauru...			
Traction max speed	1047; 000; hu; Taur...			
	1116; 000; hu; Taur...			
	1216; 000; hu; Taur...			

Train weight	<input type="text"/>		Weight carriages set	<input type="text"/>
Train length	<input type="text"/>		Length carriages set	<input type="text"/>
<input type="button" value="Reset pre-calculation"/>				
Train max speed	<input type="text"/>		Planned speed	<input type="text"/>
Highest planned speed	<input type="text"/>		Coasting	<input type="checkbox"/>
Push-Pull train	<input type="checkbox"/>		Type of service	<input type="text"/>
Traffic type	<input type="text"/>		Max axle weight	<input type="text"/>
Route class	<input type="text"/>		Train cc system	<input type="text" value="0"/>
Train radio system	<input type="text"/>			

Once the **loco** is **selected**, **PCS** automatically fulfils the traction maximum speed, weight, and length from the DataBase and adds the values to the Train weight and length, too (they become the minimum value).

Train radio system and train CC system

The **train radio** and **control system fields** are now located in the train parameters, below the route class and max. axle weight fields. The available values on the list (multiple-selection) are the union of the values from all added locos.

You can select a train control system from the list if it was added by the IM when registering a loco in the system.

Adding more locos

Use the "Add another entry" button  to add another loco. To delete use the well-known red bin icon. .
 For more details check the: "[How to apply multiple train sets](#)" document.

Note: if multiple locos are added, the values in the drop-down list for the "Train radio system" and "Train cc system" fields are the union of values from all selected locos.

Copy loco

Open the document "[How to edit and copy train parameters](#)" document and please check the detailed description to learn how to copy the locos across other locations.

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▼ Details

State: [Published](#)
Topic: [General](#)
 [Functions](#)
Area: [Training](#)
Release: [2.x](#)
Company [All](#)
Type: [IM](#)
 [RFC](#)
 [RU](#)
Keywords: [loco](#)
 [loco](#)
 [type](#)

▼ Translations

No translations