



VECTO Trailer release notes

September 2023 - VECTOTrailer-0.9.0.3168

This is the first beta release of the tool produced by the JRC. It serves mainly as a pilot to the process, nevertheless incorporating new features which are essential to the completeness of the tool. Further releases will follow in September and October of 2023.

Here is what is new in this VECTO Trailer release:

- [Issue #1](#): Add support for Tyre component data in schema version 2.5
 - A new xml schema for tyre XMLs has been added to the official VECTO version. The new schema is now supported in the trailer tool as well.
- [Issue #12](#): Remove tyre fuel efficiency label calculation in VECTO Trailer
 - If the tyre efficiency label is missing in the input, it will be not calculated for reporting.
- [Issue #10](#): Update standard values for aero devices
 - The standard values for aero devices have been updated after their final definition for all trailers.
 - The same is true for volume oriented trailers.
 - All values are documented in the MasterExcel and the specific_trailer.csv
- [Issue #13](#): Trailer aero reduction at 0deg yaw
 - The aero reduction for standard devices for 0deg yaw angle was hard coded to 0 and not read from the generic data.
- [Issue #8](#): Add standard values RRC VECTO trailer
 - The standard values for RRC are now documented within the MasterExcel file.
- [Issue #2](#): Side covers and rear flaps options should be mutually exclusive
 - On the GUI a mutually checkbox for the subtype of side covers and rear flaps was implemented, so that users cannot select both at the same time.
- [Issue #3](#): TPMLM and legislative category checks not correct for O3 and O4 vehicles

- It is now not possible anymore to declare an O3 category trailer with a TPMLM higher than 10t and an O4 with a TPMLM lower than 10t.
 - It is now possible to declare O4 trailers with a single axle.
- [Issue #5](#): Check the external height of the trailer body when declaring volume oriented trailers
 - A plausibility check on the external height of the body was introduced to avoid wrong declaration of volume oriented trailers. No check was applied before.

August 2022 - VECTOTrailer-0.9.0.2799

This is the last beta release produced by [TUG](#) based on the prior work of [emisla](#). The tool is at this point deemed feature complete.