

Manual VEMACO 1.0

Document version: 1.0



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1. Introduction

VEMACO (**V**ehicle **m**anagement **c**omponent) is a component for the open source Content-Management-System Joomla. With VEMACO you as a dealer can manage and offer your available cars. At the moment there are more than 2,000 car models included.

VEMACO is divided into two parts. The frontend is for the presentation of your vehicle to the internet user. The backend is for administration and the reports.

2. Backend

The VEMACO administration is reachable under the menu item “Components”. The main menu of VEMACO consists 3 items:

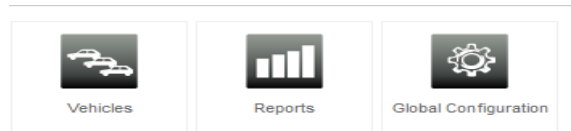


Figure 1 - Main Menu

- Vehicles – Detailed view of your available vehicles
- Reports
- Global configuration

2.1. Vehicles view

The detailed vehicle view shows all available cars in the system VEMACO. All vehicles are listed in the following table:

#	<input type="checkbox"/>	Class	Make	Model	Registration date	Price	Sold	Sold on	Created by	Created on	last modified by	Last Modified	Hits	Published	ID
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Figure 2 – Table structure of vehicle view

The columns are:

- Row number
- Checkbox field
- Column “Picture” (shows the preview picture of the vehicle)+
- Column “Class” (e.g. car, motorbike, etc.)
- Column “Make”
- Column “Model”
- Column “Registration date”
- Column “Price”
- Column “Sold” (yes/no)
- Column “Sold on” (e.g. 2011-12-24)
- Column “Created by” (e.g. Employee 1)
- Column “Created on” (e.g. 2011-12-24)
- Column “last modified by” (e.g. Employee 1)
- Column “Last modified” (e.g. 2011-12-24)
- Column “Hits”
- Column “Published”
- Column “ID” (internal system ID of the vehicle)

The table has several filter options:

- State (published or unpublished)
- Sold state (sold, not sold)
- Vehicle class (car, motorbike, etc.)
- Make (depends on the choice of the vehicle class)

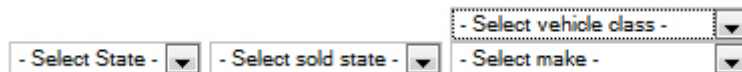


Figure 3 – Filter options of vehicle view

If the Checkbox of one or more vehicles are selected, the user has the following options:

- Set vehicles to the “sold” state
- Set vehicles to the “not sold” state
- Enable / disable

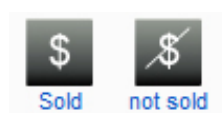


Figure 4 – Vehicle options

2.1.1. Edit the details of a selected vehicle

By clicking on the image or the class in the vehicle view, the user can edit the detailed information of the selected vehicle. The following information are available for the vehicle class “car”:

Details	Example
Make	Volkswagen
Model	Polo
Model version	Bon Jovi
Type	Cabrio
Category	Used car
Gear box	Manual
Fuel	Diesel
Colour	Black
Colour description of manufacturer	Black tiger
Doors	4/5
Emission class	Euro 3
Registration date	12/2005
Price	12,000 €
Discount price	10,000 €
Mileage	123,000 km
Seats	5

Cylinder capacity	1400 cc ³
HSN / TSN	1234 / 1234
Previous owner	1
KW	44
Serial number	WFX78654ZTF5464
Next inspection	12 / 2012
CO2 Emission	123 g/km
Consumption urban	8 l/100km
Consumption extra-urban	6 l/100km
Consumption combined	7 l/100km
Description	
Extras	List of configured extras

On the right side of the screen, the user can change the view options of the selected vehicle. Each attribute can be set viewable or disabled.

Car configuration	
Model version	Use Global
Type	Use Global
Categorie	Use Global
Cylinder capacity	Use Global
Mileage	Use Global
Gear box	Use Global
Fuel	Use Global
Colour	Use Global
Colour description of manufacturer	Use Global
Seats	Use Global
Doors	Use Global
Emission class	Use Global
CO2 Emission	Use Global
Consumption	Use Global
Next inspection	Use Global
HSN/TSN	Use Global
Serial number	Use Global

Figure 5 – Configuration of viewable attributes

2.1.2. Upload images

Below the configuration of the selected vehicle, the user can upload several images of the vehicle. The maximum number of images can be edit in the global configuration of VEMACO. If there are already images stored for the selected vehicle a message will be shown. Now the user can upload the remaining image amount.

2.1.3. Edit images of a vehicle

In the detail view of a vehicle, the button for editing the images is shown on the right top of the page. Within this screen the user can change the order of the images, delete images and can set the state to published / unpublished .

NOTE: The image at first position which is published is the preview image in the front- and backend.



2.2. Reports

There are three reports in VEMACO 1.0 available. Each report can be selected on the main report screen.



Figure 6 – Main report screen

2.2.1. Sold vehicles

This report shows the sold vehicles in a pre-defined time periods grouped by makes. Above the table the user can set an individual time period. The result of this time period will be shown in the “user defined” column. The user has the possibility to filter the vehicle class.

2.2.2. Turnover analysis

The report “turnover analysis” shows the turnover of all sold cars in a pre-defined time period. Above the table the user can set an individual time period. The result of this time period will be shown in the “user defined” column. The user has the possibility to filter the vehicle class.

2.2.3. Vehicle Inventory

The vehicle inventory is a list of all available vehicles grouped by make and model. The price will be summarized.

#	Make	Model	Inventory number	
1	Audi	S8	1	89000 EUR
2	Chevrolet	Camaro	1	5000 USD
3	Dodge	Ram	1	30000 EUR
4	Ford	Streetka	1	12000 EUR
5	Lamborghini	Gallardo	1	123000 EUR
6	Mazda	323	1	8500 EUR
7	Porsche	Carrera GT	1	145000 EUR
SUM EUR				407500 EUR
SUM USD				5000 USD

Display # 20

Figure 7 – Vehicle inventory

2.3. Global configuration

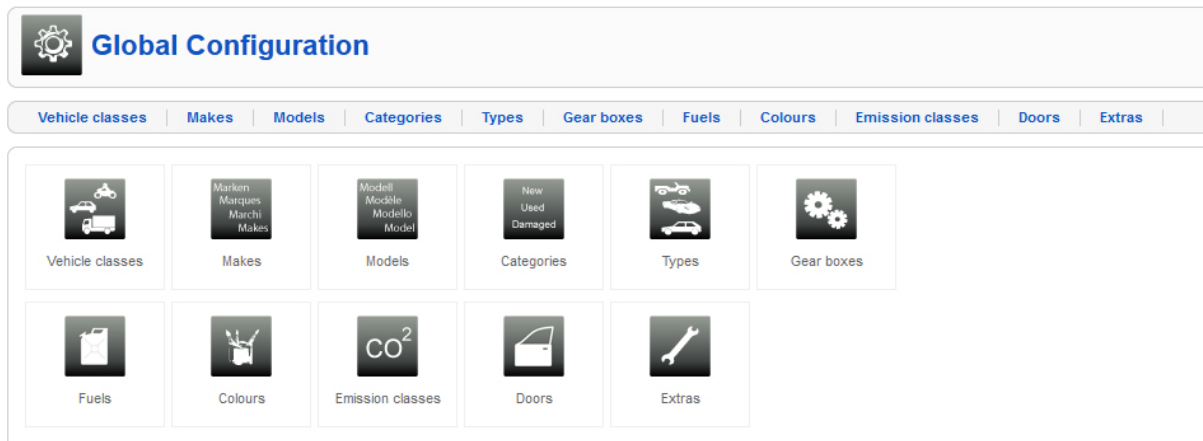
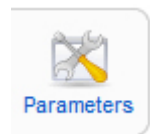


Figure 8 – Global configuration

In the global configuration dialog the user has the possibility to edit, create or delete several entries of VEMACO.

2.3.1. The global parameters of VEMACO

The global parameters of VEMACO can be edited by clicking on the button on the top right. The following parameters can be edited:



- General Configuration
 - Maximum number of images
(Allows to set the maximum number of images which can be uploaded for each vehicle. If the number will be reduced afterwards and vehicles existing, where are more images available than the new parameter allows, all images will be shown.)
 - Currencies
(Allows to add or delete available currencies)
- General vehicle configuration
(Enable or disable parameters for all vehicle classes)
- Vehicle configuration
(Enable or disable parameters of a specific vehicle class, e.g. cars)

2.3.2. Vehicle classes

In this configuration dialog there is the opportunity to set a vehicle class to “published” or “unpublished”. If a vehicle class is unpublished it is no longer available in all filter options and no new vehicle of this class can be created.

2.3.3. Makes

In this configuration dialog there is the opportunity to set a make to “published” or “unpublished”. By clicking on the name the make can be edited or to allocate to another vehicle class.

Besides this the user can create or delete a make by clicking on the menu item on the right top menu.

Available filter options:

- State
- Vehicle class

2.3.4. Models

In this configuration dialog there is the opportunity to set a model to “published” or “unpublished”. By clicking on the model name the model can be edited or to allocate to another make.

Besides this the user can create or delete a model by clicking on the menu item on the right top menu.

Available filter options:

- State
- Vehicle class
- Make

2.3.5. Categories

Categories (e.g. new car, used car, etc.) can be edited, deleted, created, allocate to another vehicle class or set to “published” or “unpublished”.

Available filter options:

- State
- Vehicle class

2.3.6. Types

Types (e.g. transporter, coupe etc.) can be edited, deleted, created, allocate to another vehicle class or set to “published” or “unpublished”.

Available filter options:

- State
- Vehicle class

2.3.7. Gear boxes

Gear boxes (e.g. manual, automatic etc.) can be edited, deleted, created, allocate to another vehicle class or set to “published” or “unpublished”.

Available filter options:

- State
- Vehicle class

2.3.8. Fuel

Fuel types (e.g. Gasoline etc.) can be edited, deleted, created or set to “published” or “unpublished”.

Available filter options:

- State

2.3.9. Colour

Colours (e.g. white, black etc.) can be edited, deleted, created or set to “published” or “unpublished”.

Available filter options:

- State

2.3.10. Emission classes

Emission classed can be edited, deleted, created or set to “published” or “unpublished”.

Available filter options:

- State

2.3.11. Doors

Available doors for a vehicle can be edited, deleted, created or set to “published” or “unpublished”.

Available filter options:

- State

2.3.12. Extras

Extras (e.g. ABS, ESP etc.) can be edited, deleted, created, allocate to another vehicle class or set to “published” or “unpublished”.

Available filter options:

- State
- Vehicle class

2.4. Menu items

VEMACO has several menu options which can be shown on the frontend.

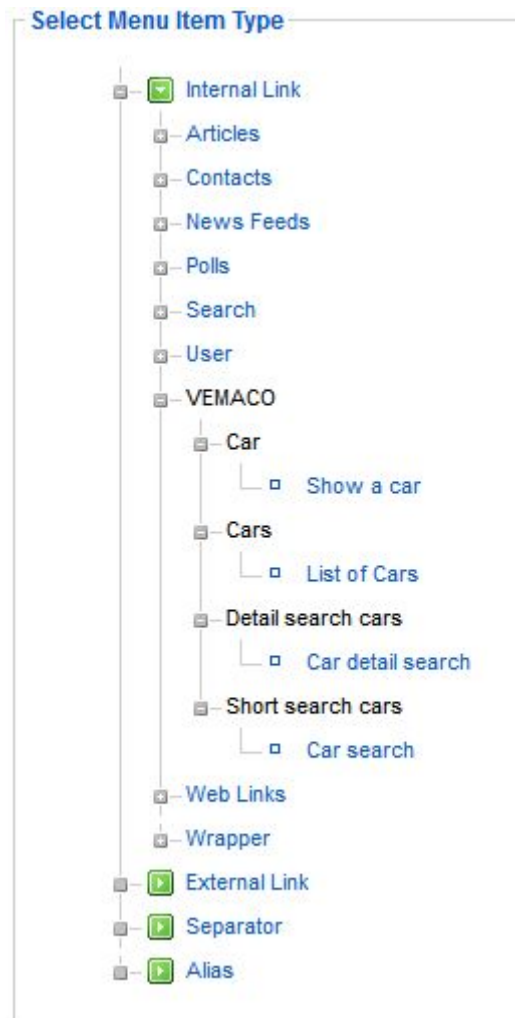


Figure 9 – Menu options

- **List of Cars**
This menu item adds a menu item where a list of all available cars will be shown
- **Detail search cars**
This menu item adds a menu item which shows a detail search page
- **Short search cars**
This menu item adds a menu item which shows a short search page

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