

ONE CAR A LOT OF OPPORTUNITIES

Is it possible to buy three cars at once at the cost of one medium car?! We affirm that it is possible!

What is a “MULTI CAMPER”?

This is a Ukrainian start-up project. It is developed in order to make a standard city car even more functional. We want to add one more function to its usual daily functions related to the transportation of passengers and cargoes, namely to make it possible to live in a compact car temporarily, while on vacation or when travelling in it. We provide our future customers with the decisions that will help to use the car space to the maximum possible extent thus enabling them to save money. We believe that the car should possess good consumer properties and be also affordable. We are sure that the process of the car transformation for various purposes can be simple and fast, and the car itself can be more functional.

“3C” concept

We invented and developed the concept of “3C – Camper, Car, Cargo” enabling to transform a compact city van into one of three special-purpose cars within 10 minutes: a camper, a passenger car, or a cargo van.

In this project we used the most effective and affordable chassis - Fiat Doblo maxi. The car allowed us to make the best possible use of every millimetre of its interior space for the realization of our idea. The low maintenance costs and compact dimensions of the van itself became yet another advantage of Fiat Doblo. In contrast to other multifunctional cars built on some more expensive chassis, our concept offers the uncompromising solutions of the interior space transformation. Everything you need is to install the required modules in the car body or demount them from the car body in order to use one and the same car according to the specific purposes of each particular situation.

Camper

Are you going to travel by your own car? Excellent! Just install the required modules:

1. **Kitchen module with cooking plate and sink.** This compact module includes all the equipment necessary to cook the favourite dishes when on travel: a cooking plate with one gas burner, a steel sink, and tanks for pure and dirty water. This module fastens quickly to the special running rails in the car floor using the universal attachment.

And if you want to cook dishes “with the flavour of fresh air”, you need to equip the module with the special legs to use it outside the car. In that way the working height of the module will rise up to usual 85 cm above the floor level.

2. **Refrigerator.** We took care of the food products freshness in order to enable you to cook. The required perishables can be kept in the 18-litre compressor refrigerator with the working temperature between -10 and +15 degrees. And the lid of this module will serve as a work surface for cooking.
3. **Wardrobe and organizers.** Do you still think that a compact car is suitable only for short journeys? We foresaw space for everything that is necessary when on travel and developed a special wardrobe for you to keep your things there: bedding, towels, jackets, and T-shirts. And if the wardrobe is not enough, you will be provided with special textile organizers expanding the room for the stowage of small items. Unfasten the organizer and use it as a rucksack when you go shopping or for a walk.

4. **Berths** – there are two of them. Despite of the compact car dimensions, 4 adults can sleep comfortably in it. The first berth (it is the only non-removable element in the car) is installed in the rising roof. The size of the upper berth is 1.15 * 2.00 metres. When folded, the upper berth does not impede the performance of other car functions related to the transportation of passengers and cargoes. When raised together with the roof, the berth is not an obstacle either as an adult can stand in full size inside the car. The rising roof made of glass-fibre plastic creates some extra space in the car above the living area, the space protected from precipitation and wind.

The second berth (lower) is fastened to the floor running rails securely, and it is very compact when folded. When unfolded, the berth dimensions are 1.10 * 2.00 metres. This berth can be used outside the car independently, for example, like an extra bed in the house.

5. **Table** – it may be the simplest module element of the camper to use it both inside and outside the car. And when it is not required, it can be hidden in one of the standard alcoves of the car.

6. **Driver and passenger seats can be turned inwards in 180 degrees.** We had to meet the challenges of our car in order to solve this problem as the floor level difference between the living compartment and “the driver’s cab” is 350 mm. We solved the problem. As a result, the front seats can be not only turned in 180 degrees but also raised enough so that the people sitting at the front end of the camper could feel comfortable.

Certainly, there is no excess space in such a compact car. Therefore, we developed and arranged an additional 150 litres luggage compartment with the load capacity of 300 kg at the rear under the car floor. It can contain camping chairs, sport equipment, additional canvas cover and everything that can not be placed in the main luggage area.

Car

Use your car every day!

Just demount the modules which you will not use in the near future. The perfect operating characteristics of Fiat Doblo — 5.5 litres of diesel fuel per 100 km in the urban driving cycle, compact car dimensions with a length of 4.76 m and width of 1.8 m – make it essential for daily transportations. When you need extra seats for passengers, just install the additional 3rd row of seats on the universal guide ways. In that way you will increase the number of passenger seats up to 6 including the driver’s seat, and at that you will always have enough space for the luggage transportation.

Cargo

The transportation of 1,000 kg and 4.2 cubic metres of cargo is not a problem any more!

Demount and remove all unnecessary things from the vehicle compartment. Install the safety net between the cargo compartment and the driver’s cab (comes with the car) and transport everything that fits.

The price for the concept on the base of Fiat Doblo maxi

Now we are finalizing our work to develop the concept able to work in the car efficiently for many years. In several months we will recommend the cost of the production vehicle.

Contact:

If you have any questions or need some further clarifications, please, contact Mrs. Iryna Kassel by telephone: +38 057 764 1006 or e-mail: iryna_kassel@autocamper.com.ua

Technical characteristics

Chassis	
Fiat Doblo Maxi	
Engine: type / volume / capacity (HP) / class	MultiJet/ 1.3/ 75/ Euro5 MultiJet/ 1.6 Comfort-matic/ 90/ Euro5+ MultiJet/ 1.6/ 105/ Euro5+ MultiJet/ 2.0/ 135/ Euro5+
Wheelbase, mm	3,105
Permissible gross weight, kg	2,370
Height, mm	2,000
Width, mm	1,832
Length, mm	4,756
Cargo version	
Load-carrying capacity, kg	1,000
Cargo volume, m ³	4.2
Safety net between the cargo compartment and the driver's cab	standard
Passenger version	
Number of passenger seats equipped with three-point seat belts including the driver	4 (6-option)
Camper	
Berths	
Dimensions of the berth in the rising roof, mm	1,140*2,000
Mosquito nets in the zone of the rising roof	standard
Dimensions of the fold-out berth, mm	1,050*2,000
Living area	
Driver's and passenger seats in the cab – swiveling and rising when turned inwards the living area	standard
Folding table	standard
Drawers to keep things under the seats of the 2 nd row (in the living area)	standard
Wardrobe with textile organizer	standard
Bag organizer on the side wall of the wardrobe	standard
Bag organizer on the side panel – 2 items	standard
LED lighting in the living area	lamps, 4 items
Kitchen	
Cooking plate with one gas burner	standard
Sink	standard
Gas tank 4.0 l (camping gas)	standard
Water pump 12 V, capacity of 14 l/min	standard
Pure water tank, l	15
Dirty water tank, l	15
Compressor refrigerator 18.0 l, 12/24 V, temperature regime between -10 and +18° C	standard

Others

AGM battery 80 AHr for the living area	standard
The 2 nd AGM battery 80 AHr for the living area (obligatory with the installed heater)	option
Outer drawer for things (300 kg loading)	option
Awning 2.5 m	option
Rising roof made of glass-fibre plastic	standard
Crossbars in the roof to fasten cargo (3 Fiat items)	option
Fastener for 2 bicycles	option
Diesel self-contained heater 2 kW	option