

the dive of the future

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GENERAL RULES

Valid from: 2016.08.08.

In Accordance with applicable law in Hungary and the MBSZ (Hungarian Divers' Federation) Diving Standards and Cave Diving Standards.

Booking and registration:

To book a dive in the Molnar Janos cave you must write to the info@mjcave.hu e-mail address as we are the only licensed diving center in the cave.

We are not responsible for bookings at any other sites or persons.

Mandatory certificates:

All divers need to provide the following certificates:

- Valid medical certification from a physician
- Valid cave diving insurance (eg. DAN Sport Silver, Pro Bronze, etc.)
- All the necessary diving certification for the specific dive (Cave, Nitrox, CCR, Dry Suit etc.)

Before dive all participants need to sign dive plan, rescue plan and must accept the general rules of the Molnar Janos Cave.

Mandatory equipments:

- Fins
- Mask
- Reserve mask
- Hood
- Diving Suit which provides adequate protection against the cold. Wet suit can be used only in 1st Zone! Wet suit in the 2nd Zone can be used only, if the diver use a double bladder buoyancy compensator or Lift Bag. In the planned route can not be stenosis, in the case of using Lift Bag. In the 3rd zone only Dry Suit can be used. To use a Dry Suit you need to have a Certification for it.
- „Wing” system buoyancy compensator suitable for the tanks' weight, minimum 20l.
- Twins with manifold system, minimum 4000l breathing gas , or CCR suitable for cave diving with the right configuration and certification.
- 2 separate first and second stage, 210cm long hose on one of them and a pressure gauge.
- 1 computer suitable for the dive but minimum NITROX diving computer, with a memory which is accessible or downloadable after dive.
- 1 depth gauge
- 1 Main Light, which works for 1,5x more then the planned dive time and minimum power 25W(halogen) or equivalent with this.
- 2 separate backup lights
- 2 finger spool minimum 20m
- 2 cutter(knife, scissor)
- Wetnotes

Use of any kind of high pressure beacon or mechanical quick-connect pressure gauge are not allowed

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Stage cylinders and Twins:

Minimum 40CUFT capacity, with 1 first stage and 1 second stage, separate pressure gauge, tie that can be cut. Every cylinders need to analyze and the mix must be written on the cylinder. On every cylinder you must write the maximum depth of the analyzed gas. On every cylinder there have to be a clearly visible identifier.

Every diver must declare before dive that his/her equipment is reliable, is in good condition, properly maintained and safe. If you dive with a rented equipment, before the dive you have to check about the condition of the diving gear. Marking your equipment is mandatory to avoid mixing up the equipments. Using your own cylinders are allowed, if they have valid pressure (hydrostatic) test. We can fill only those cylinders which have valid pressure (hydrostatic) test. We can fill Nitrox or/and TMX only into oxygen clear cylinders.

Diver Propulsion Vehicles(DPV):

Using DPV in the cave is only available if you own certification for it and you have enough experience. The Guide decide that you can use DPV for the current dive or not or he can make it as a specification of the dive. The guide decide what equipment and configuration can be used for the dive if using DPV.

Special requirements for CCR dives:

They diver needs to provide a valid certification for the specific CCR in addition to the cave diver certification. For CCR diving you must have minimum 50 certified open water dives with the same device what would you like to use for the dive. Each diver must have to carry enough open-circuit bailout gas to safely coming out from the planned turning point with all the required decompression stopps.

During CCR and OC mixed gas diving the diving buddies must have to be warned about the emergency solutions.

Only Guided dives are available in the cave!

Guided Group:

If there is one Guide, the maximum size of group 5 persons (with the guide). In case of one Guide + 1 assistant at the end of the group, the maximum size of the group 7 persons (with the Guide and Assistant)

Breathing Gases:

The breathing gases need to be analyzed before every dive. Every diver must have to do this on his own and record the result. During mixed gas diving, the partial pressure of the oxygen in the water during use can not be less than 0.16bar and can not exceed 1.6bar. If the mixed gas is not used as a decompression gas, you must plan the dive with maximum 1.4bar oxygen partial pressure. During mixed gas dive planning and performance you must strictly observe the oxygen exposure limits belonging to the oxygen partial pressure which are in the nationally accepted tables. During mixed gas diving the partial pressure of the nitrogen can not exceed 4.0bar. During mixed gas diving the recommended helium partial pressure is 10.0bar.

Environmental Protection:

Molnar Janos cave is a highly important , strictly protected natural treasure. The divers should be particularly cautious during dives, should take care of their actions in the cave and try to do the lowest possible impact in the cave to protect the natural environment, flora and fauna of cave and preserve its original condition. Its forbidden to take anything from the cave, and all divers should strive for "contactless diving.

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Side Mount diving in the cave:

The side mount configuration is highly popular, but as every diving equipment configurations it has advantages and disadvantages as well. In some caves the side mount is the best (or the only) choice. In the Molnar Janos cave there are deep and wide tunnels and the side mount configuration isn't recommended here. Nevertheless it's possible to dive with side mount configuration with us if you have a cave side mount certification but there are routes in the cave where diving with that is not allowed.

Parking:

Every guests can park in the courtyard at the cave while they are unload the diving equipments from the cars. During diving only a limited number of cars can park in the courtyard. We are not responsible for any damages in the cars which park in the courtyard. There are many parking lots outside the diving center (parking fees apply).

Food and drinking:

We provide unlimited, free drinking water for our guests in the dive center.

In the vicinity of the diving center there are nearby restaurants, stores which are easily accessible by a few minutes walking.