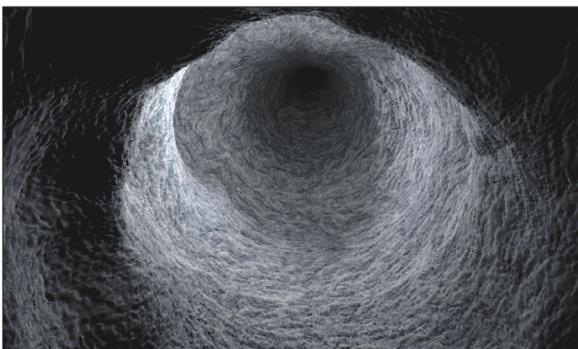


CavLift - The mobile shaft cage simulator

The new underground simulator CavLift has been available to our customers since 2011. This mobile "information container" can accommodate up to a maximum of ten people and gives the occupants a virtual ride through individual caverns and even entire cavern fields.

The results of sonar cavern surveying, together with other geological and operational data, are used to simulate a journey through underground cavities. Such a journey is of course impossible in reality. The ride in a virtual shaft cage is presented stereoscopically. Before taking the trip, each visitor is given 3D glasses and a hardhat. Pneumatically operated cylinders synchronised with 3D animation create the appropriate motion and a feeling of reality during the ride.



The SOCON CavLift is ideal for public events, trade fairs and congresses for allowing a large group of interested people to visualize what it looks like inside a cavern and indeed entire cavern fields. The virtual ride program (animation with sound) can, on request, be individually produced and adapted to suit a client's needs.

Demonstration rides at SOCON's headquarters in Giesen are possible at any time.

Maximum load	10 persons
Duration of simulation:	10 to a maximum of 15 minutes
Time needed for setting up/dismantling:	approx. 2 hours
Floor space required:	10 x 5 m
Höhe (aufgebaut):	2.60 m
Stromversorgung:	2x 230V / 1x 400V - 16A AC

The SOCON CavLift is weather resistant and suitable for operation **only on firm, level ground**. A pagoda tent including a presentation stand can be booked as an additional option for use during the event or may be provided by the client himself.