

## Core liner saw and preparation

The laboratory has various tools enabling exposure of sediment core content. Most commonly, a saw is used for longitudinal splitting of plastic tubes, but there are also various "sediment pushers" that can be used to push the sediment out from bottom to top.

### *Marinetechnik Kawohl core splitting saw*

The saw can be used to split plastic tubes (plastic liner) with a diameter of 5-12.5 cm and a maximum length of 100 cm.

It is equipped with two vibrating saws that move along rails, which make it possible to cut the plastic on both sides at the same time.

### *Bosch plunge saw*

The saw is used to split thicker plastic tubes that are often used in piston/Calypso samplers. The core sections are placed in a specially adapted "cart" where the plastic is cut longitudinally (one side at a time).

In connection with the core splitting room, is the preparation lab, where successive handling and sampling take place.



Core liner saw (photo: Kai Mortensen)



*Core preparation lab (photo: Kai Mortensen)*