

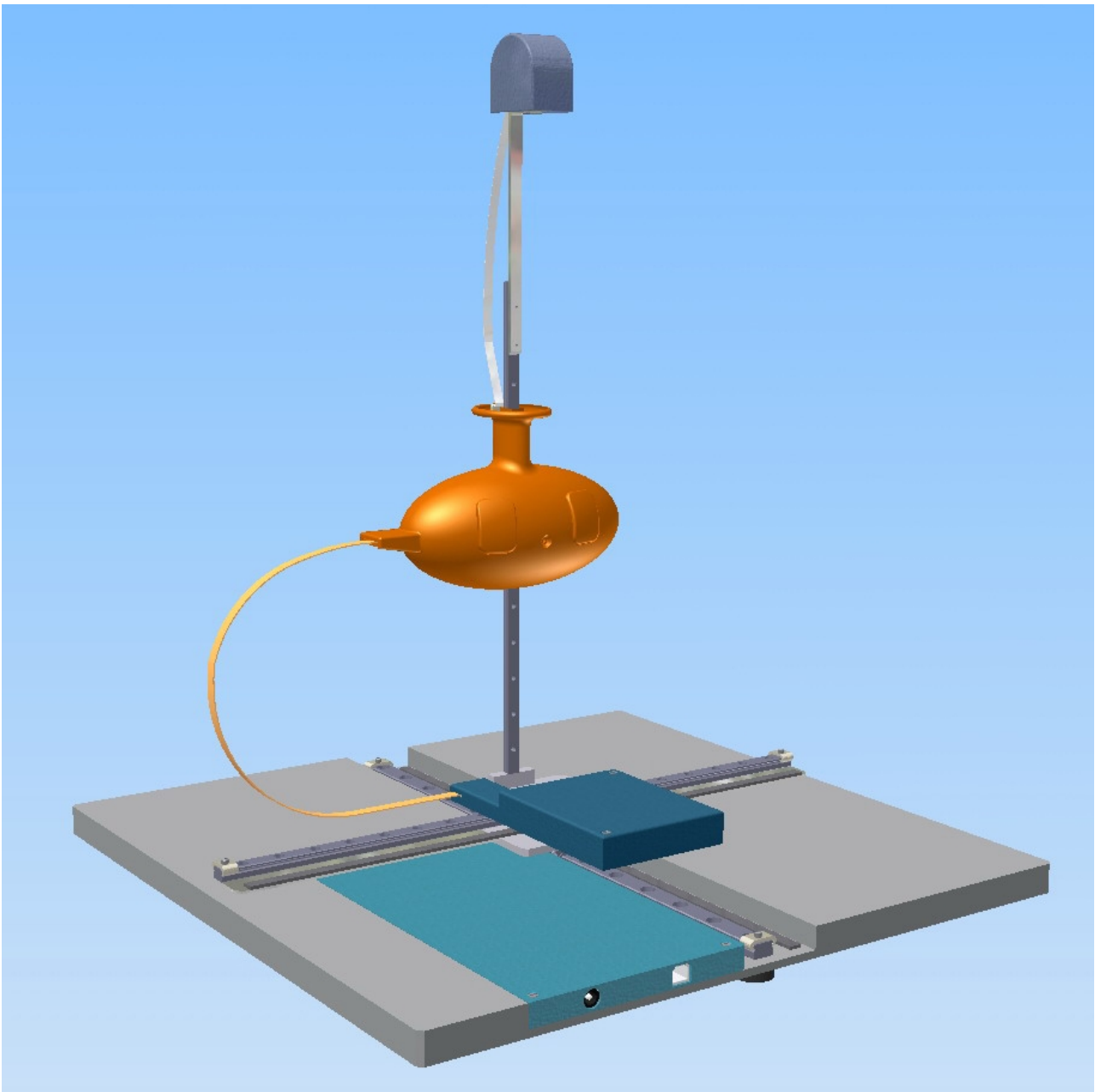
## The Hovering Computer Mouse --- DSC

### First Model:

Positioning of Mouse Handle in a large cube shaped space

Permanent Equilibrium at any  $(x,y,z)$  - point

absolutely new worldwide! precision device for experimental use  
and development of general purpose software with added user alue



(The Hovering Mouse back side view)

Properties: 3D – Mouse, transfers handle position coordinates  $(x,y,z)$ , and 2 mouse click button values, at least 100 refresh cycles per second, it is intended to stay with friction maximum below 1/10 Newton anywhere, Resolution: more than 1600 dpi.

- Size: 28,5cm x 28,5cm(ground area) x 33cm(height),
- Range of operation: max: left- right: 20cm,  
forth and back: about 20cm, both ranges downsizable with stoppers,  
up and down: 13cm to 15cm, (may be ordered larger as extra option)
- Handle: Ellipsoid with upward bottleneck and widened upper retain part,  
ergonomical shape, the completely relaxed hand can guide it  
omnidirectionally,  
  
mouse click buttons: behind the natural position of two fingers  
for left and right click,
- Constant Force Springs:  
Spare Parts are included, Force about ½ Newton, the user can do the  
exchange,  
100 springs are included, >5000 complete cycles of bending before material  
exhaust, better materials for about 10 fold duration will be available later.
- Technology: wireless data transfer with zigbee standard inside the device
- Batteries: 4 AAA-batteries are necessary, at most 100mA current.
- Connectors: 5V voltage supply, ext. Power supply, Mini-USB- Socket,
- Straight Position: 3 point positioning with fixed leg backside, height adjustable legs in the  
front corners, for precision leveling.
- Software included: driver for Windows 2000, XP, Windows 7, (depends on certification  
cost at the very beginning), Support for C- programming,  
  
1 Demonstration program for 3D- Manipulation of object
- Transportation: Aluminium case, vertical part can be unmounted easily.
- Pricing: Single piece ordered at once costs 4000 Euros, sent inside Germany.  
Price may increase after sales start, when for test use available.  
Orders of a sample of items can be asked.

Orders can happen at once, if several orders have been received, production will start.  
Then, first deliveries of the product take place after 3 months, latest after 6 months.  
Orders may be sent at [blonskiburo@googlemail.com](mailto:blonskiburo@googlemail.com) for mails, or sent to fax number:  
fax: 0049 6221 804551.

International banking account is:

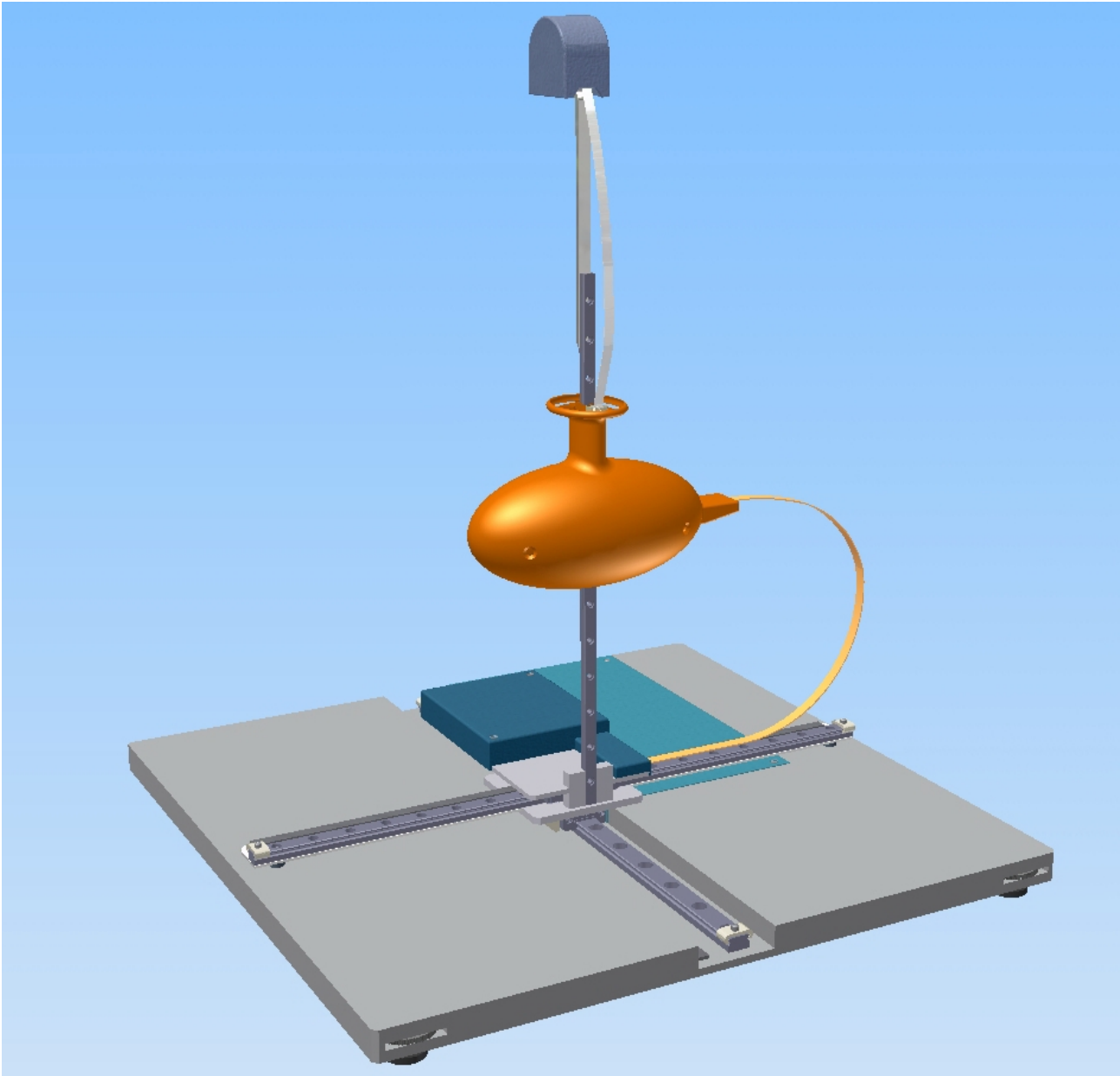
DE50 6725 0020 0009 0061 41 SWIFT-BIC: SOLADES1HDB

Adress and Location:

Axel Blonski, Klingelhuettenweg 14, 69118 Heidelberg, Germany.  
Phone: 0049 6221 804551 mobile 0049 162 9198750.

Annotations: Accessories, information about user- maintenance and service station will be provided. Technical updates for excellence, design add-ons are reserved. Advanced development of handle will be available later or offered against payment; same with interesting add ons, longer height- range, scroll wheel included in the handle, and other.

The handling of the early model will be equal or exceed the handling quality of the progressed prototype. The height hovering precision together with low friction was not available earlier. Appoint a meeting and test the remarkable user feeling.



(The Hovering Mouse, front view)