

## BUMP FACTSHEET

*Two walkways placed in two different locations communicate the steps of people over the internet (a step on a board on walkway 1 will lift the corresponding board on walkway 2 and vice versa).*



### Personal resources

Two technically skilled people install bump within 2 days in each location. One computer technician is required for approximately 6hrs to set up the Internet connection (the dismantling of bump takes not longer than a few hours). While the installation is running anyone who was instructed before can supervise it.

### Dimensions

Bump consists of two walkways. Each walkway can be 3, 6, 9, 12, or 15m long, and is 1.5m wide and 0.15m high. Bump can be installed on most surfaces, used to bridge a gap, or be recessed into the ground. It works indoor and outdoor. There are ramps (1m each) at both ends for cyclists. The lift of the boards is limited to 2 centimeters.

### Construction / Transport

Each walkway is built out of 5 stackable segments (steel frames) covered by wooden boards (Dimensions of segments: 3m x 1.5m x 0.15m; weight: 280kg; boards: 15). The total transport weight is 1400kg, the total transport size is 3x1.5x0.75m. A forklift truck is required for loading or unloading.

### Storage room for the whole installation

6x1.5m or 3x3m, accessible by a forklift truck.

### Compressed Air

Each walkway needs a compressor (with an air dryer unit) delivering 4-10 bar and 400l/min displacement.

### Internet Connection

A low bandwidth but a static IP-address is required!

### Control Centre

The maximum distance from compressor and controller (Rockwell SLC-5/05 processor) to the walkway is 70 meters, limited by the cables that we can provide. Compressor and controller should be in a protected room with power and internet connection.

### Power Supply

Walkway 220V. Compressor 360V.

### Video Connection

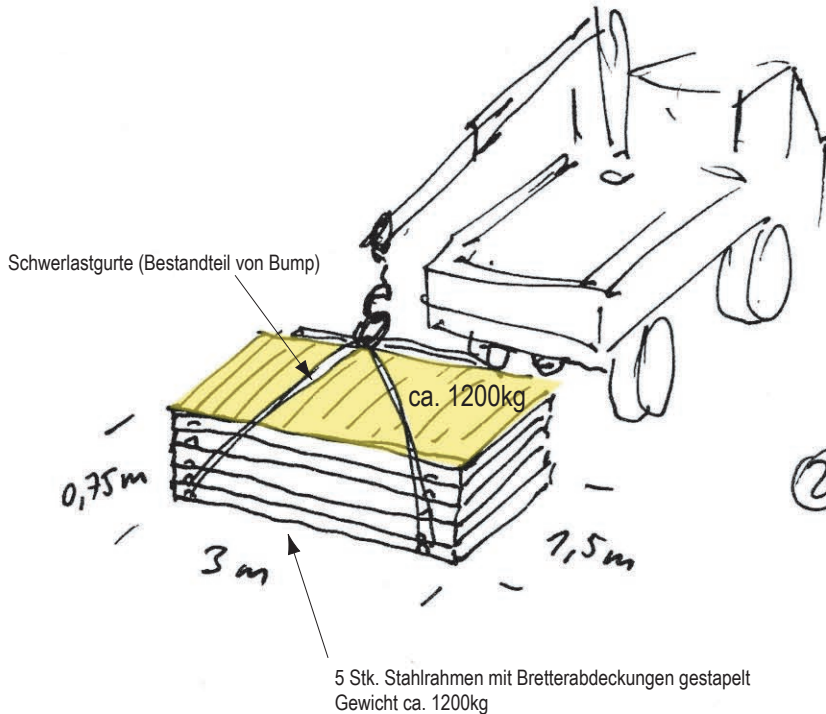
A small web terminal with a low resolution is enough to show the passer-by what he/she can feel/see on the other side (instead of having a written explanation).

*Bump has already been operating successfully in six different locations. The requirements are therefore well known and guarantee a simple assembly and commissioning of the installation (Assocreation, Vienna, 2006-01-29).*

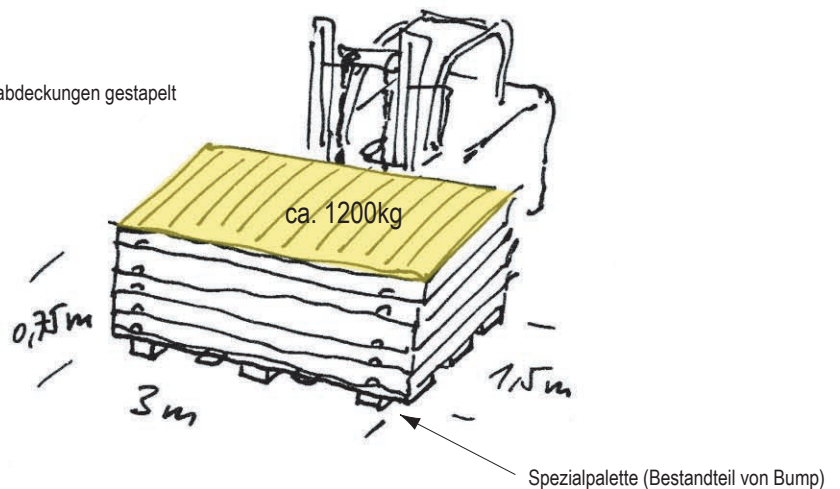
# RANGIEREN UND LAGERN VON BUMP

ASSOCREATION Uten, am 14/9/2007

## ① RANGIEREN MIT HIAB



## ② RANGIEREN MIT STAPLER



## ③ GESAMTPLATZBEDARF BEI LAGERUNG

Achtung: Falls Lagerhalle nicht beheizt, diese beiden Kisten mit den SLC Steuercomputern gesondert einlagern!

