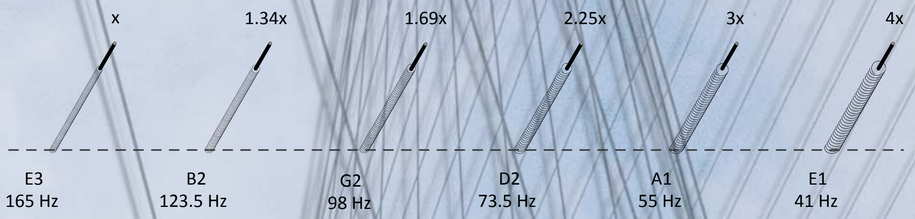
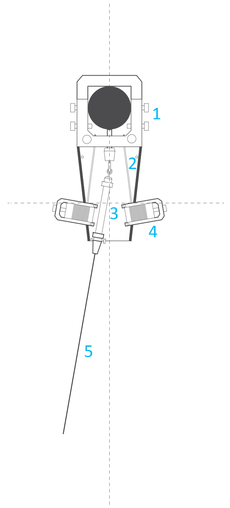
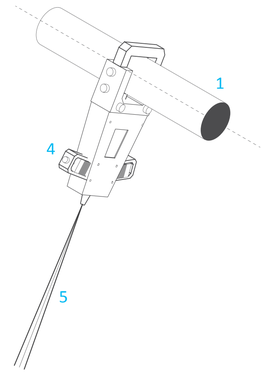
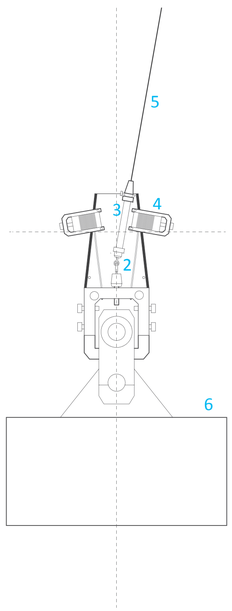
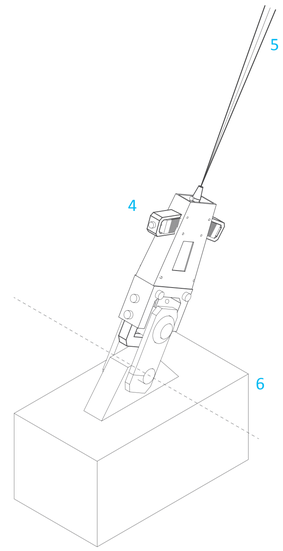


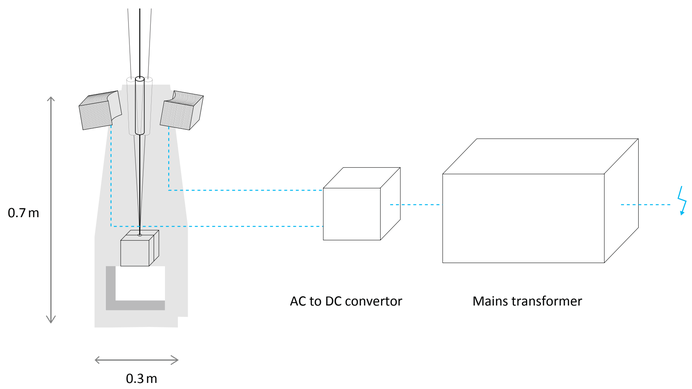
sectional area of strings











system details, 1:25

1 steel member of the crane
2 wires connected to synchronizer
3 diametric bar magnet
4 coil wound on soft iron core
5 steel, nylon string in various radii
6 embedded concrete footing

audio quality

With the re-intervention of wind belt technology, both wind energy and human movement can be harvested. The strings are arranged at different lengths, radii, mass and applied tension. As a result, a variety of vibration frequencies are collected. 224 strings transmit notes at different pitches following the equation:

$$f = \frac{v}{2L} = \frac{1}{2L}\sqrt{\frac{T}{u}}$$

connection to the mains

electricity generated will be converted from AC to DC. Current in different amplitudes and frequencies thus will be synchronized and diverge to the mains circuit of Copenhagen.