

# Koala Hoop

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Koala Hoop addresses the diminishing availability of recreational spaces in urban environments, in the form of sport equipment. The Koala Hoop is a fully portable, self-encompassing basketball system; capable of quickly attaching to lamp posts, sign posts, and rain pipes.

The concept acts as a catalyst for a novel perception on sports, adapting conventional sports for metropolitan areas.

## 3 CLIMBING

- v-groove wheels accommodate for different pole shapes and diameters
- large sheave gives user a mechanical advantage allows activation via rope from ground
- two way brake prevents structure from falling allows controlled ascent and descent enables modifying height

## 2 DEPLOYMENT

- one unique movement folds main board and rim via slider locks in place via pin system
- rigid rods and ball joints unfold sideboards

## 1 INSTALLATION

- one step mounting
- foot pedal aids in pole mounting provides accessibility to persons with disabilities
- one person transport and assembly trolley-like for convenient transportation

weight	36 kg
setup time	30 seconds
elevation time	180 seconds
folded dimensions	1200 × 1000 × 825 mm
board dimensions	1200 × 900 mm

