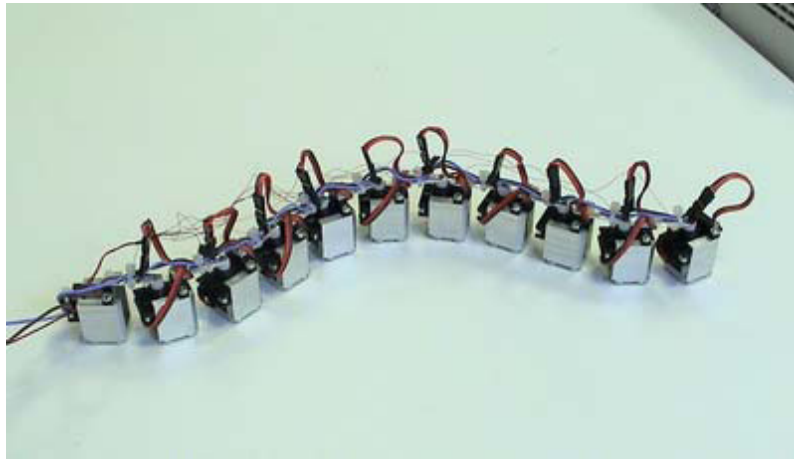


## Macropolychaeta Robot



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**Points of interest** Macropolychata is able to move in unstructured terrains (like fine sand, coarse sand and gravel) by using undulatory locomotion (likewise snakes and Polychaeta). It does not use any wheel, but peculiar friction pads underneath each segment.

### Technical details

**Type of machine** Mobile robot, snake-like robot with serpentine (undulatory) locomotion.

**Size & weight** L: 38.0 cm x W: 2.5 cm x H: 3.6 cm, 0.360 kg

**Preferred substrate** Unstructured, at least 5-cm-deep levelled sand (mean diameter approximately equal to 1 mm), horizontal.

### Additional material