

SCORPION



Developer

Prof. Dr. Frank Kirchner, Dirk Spenneberg,
University of Bremen, Germany
{kirchner,spenneberg}@informatik.uni-bremen.de
<http://www.informatik.uni-bremen.de/robotik>

Points of interest

- Bio-Inspired Control Approach
- Semi-Autonomous Control
- Robust Walking in Outdoor Environments
- Tool for Studying Embodied Cognition

Technical details

Type of machine

Eight-Legged biomimetic walking robot

Size & weight

L: 65 cm x W: 40 cm x H: 18 cm, 11,5kg

Preferred substrate

indoor/outdoor substrates, e.g., grass, asphalt, gravel, sand, rocky terrain

Additional material

Article: "Learning Spatial Categories on the Basis of Proprioceptive Data" + Video scorpion.wmv with snapshots of different locomotion tests