

# E-TERRY

Autonomous Carrier System for Automated Soil Analysis, Plant Protection and Crop Fertilization (patent pending)

A Versatile Platform for:

- Soil Analysis
- Weed control
- Precision Fertilization
- Automated Harvesting
- Any Customized Application



Team: Michael Rieke (Designer BA) / Dr. Andreas Karguth / Prof. Jan Willmann / Prof. Andreas Mühlenberend  
(contact: andreas.muehlenberend@uni-weimar.de) Bauhaus-Universität Weimar / Geschwister-Scholl-Str.7 / 99 423 Weimar

## Fostering Natural Ecosystems

The focus of E-TERRY is to foster a healthy, efficient and sustainable agriculture. It is conceived as highly versatile platform to facilitate a myriad of (semi-)autonomous robotic applications for ecologic precision farming, reducing labour-intensive tasks and, at the same time, the environmental effects of agriculture.

## From Field to Plant

E-TERRY is a flexible and extendable carrier system for individualized yet efficient cross-cultivation farming. Its robust lightweight construction radically minimizes soil damages, and the unique three-wheeled layout allows for a multitude of different agricultural scales and purposes.

## Scalability and Integration

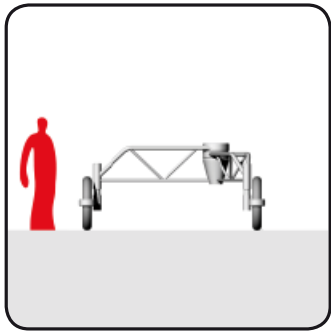
Enabling a wide range of configurations and scales, E-TERRY also facilitates other (manual or automated) tasks and applications – such as soil and field work, crop fertilization and harvesting – to easily work with and connect to, and thus building upon the platform system.

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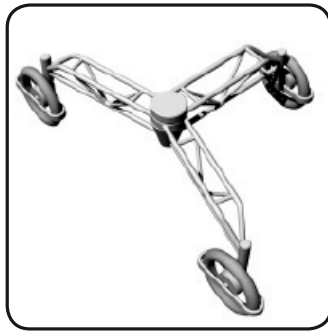
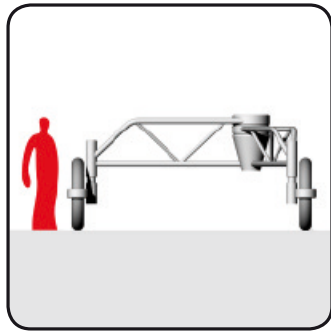
Fakultät Kunst und Gestaltung



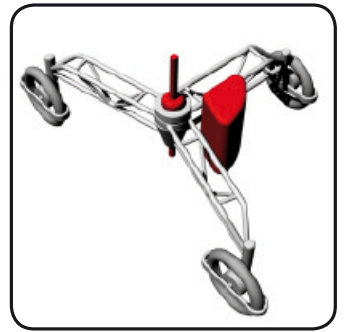
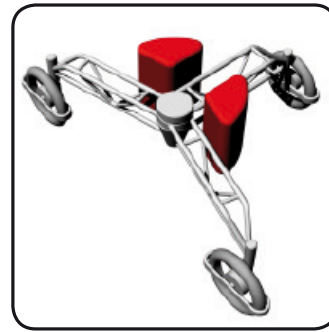
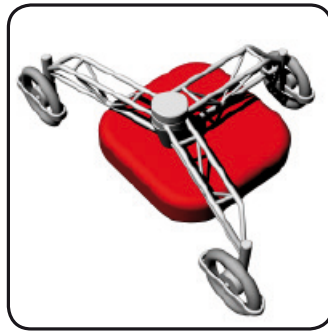
GentleRobotics



Extendable configuration of the carrier system



Minimized soil damage through lightweight construction / Flexible carrier system to a wide range of applications

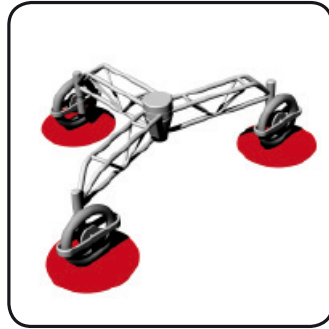


The E-TERRY Carrier System Provides:

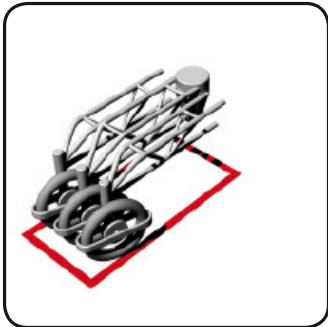
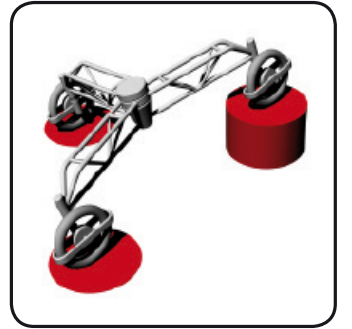
- minimized soil damage
- adaptive track layout
- flexible height adjustment
- reduced turning radius
- dust and splash guard
- waterproof, optional (for rice cultivation)
- high consumer and operator safety
- industrial automation components
- interfaces for custom control and tool integration
- minimized installation and service effort
- easy storage and transport
- extendable setup and swarm functionality
- autonomous and enhanced operation time



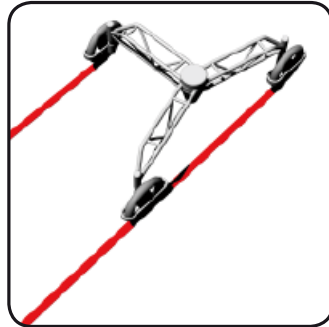
Reduced turning radius



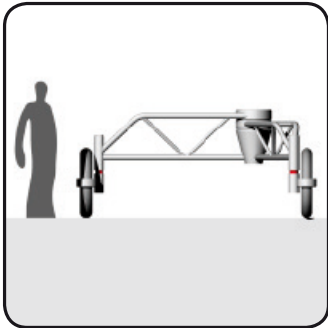
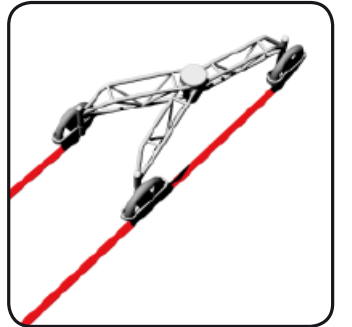
Permanent ground-contact through three-point-layout



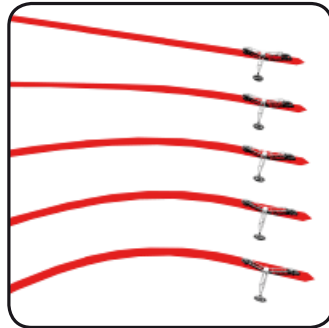
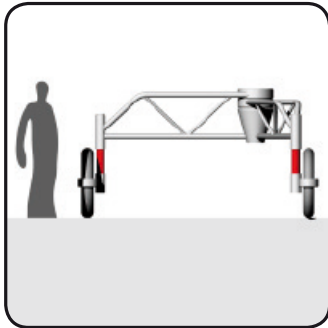
Easy storage and transport



Adaptive track layout



Flexible height adjustment



Swarm functionality

