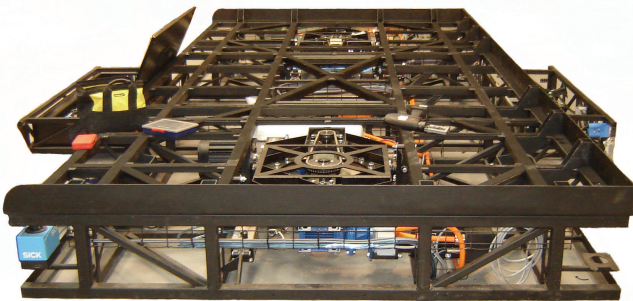


Explorer 2 wireless stage trucks

The Explorer 2 truck system provides an innovative way to provide a free-roaming truck that is able to move to any location and orientation on stage by any path. The system consists of two steerable drive wheel cassettes, built into the two ends of the truck. This allows the truck to be steered both in straight lines and around curves.

An onboard laser scanner and computer control system allow the truck to continuously adjust for wheel slippage. The system is driven by high performance, onboard batteries and linked to the main control system via an industrial radio link, meaning that there are no wires running to the wagon. This makes it ideal for venues or performances that need to consider cable management carefully and allows unprecedented artistic flexibility.

Our standard drive mechanics provide for stage wagons of up to approximately 11,000lbs within a height of 1.3 feet; however, customized mechanical configurations can be implemented, depending on the requirements and scope of work.



Key features

- Operation via 3 axes (x, y, rotation) with joystick, using either stage or truck co-ordinates
- Record, edit and playback features
- 2D plotting tool
- Constant real-time correction whilst travelling
- Positioning accuracy +/- 0.6"
- Speed up to 4fps
- Total truck mass (including live load) up to 11,000lbs *
- Secure radio link for both data communications and safety
- EN61508/SIL3 approved emergency stop via radio link
- Laser position scanner to provide location of truck and correction for any slippage within the drive system
- Seamlessly integrates with other axes within the automation system, and can be operated using the Stage Technologies range of control consoles and eChameleon software

* depending on speed/total mass combination required

Our expertise, your imagination stagetech.com

Stage Technologies Inc.
6651 Schuster St, Las Vegas, NV 89118 USA Tel: +1 702 798 3838 lasvegas@stagetech.com

Stage Technologies Ltd.
9 Falcon Park, Neasden Lane, London NW10 1RZ UK Tel: +44 (0)20 8208 6000 london@stagetech.com

STAGE
TECHNOLOGIES