

Minnesota Technology Challenge 2009-2010 Advanced Engineering Division

Problem: Be able to move a 250 ml filled with water from one pedestal to another. The starting pedestal is one 1 ft. tall, while the final pedestal is 2 ft. tall. The pedestals are twenty-five feet apart. You must complete this task without spilling any water.

Specifications: One cannot use wheels as part of their transportation system; a track (like a tank) is acceptable though. Their transportation must be able to fit in a 1.5 ft. long x 1.5 ft. wide x 1.5 tall box. The operator must not be connected to the transporter by any means (wired controllers, strings, etc.). The operator must stand a minimum of thirty feet away from the device and no one can touch the device, pedestals, or beaker once the operation has begun.