

Air Springs Help Theatre Create Realistic Boat Scene

Enidine Air spring Application

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Product Overview

A theatre group located in the heart of Amish Country, Pennsylvania, wanted to design and fabricate a realistic biblical boat scene for one of its productions. The performance was to include a severe thunderstorm and the challenge was to control the boat in all directions making it appear to be in a rolling sea. The customer went to an ITT Enidine Inc. distributor for a solution.

Product Solution

After reviewing the parameters of the application, the ITT Enidine Inc. distributor recommended using eight Air Springs (YI-3B12-326), paired and stacked on top of each other for the desired stroke length required. A set of Air Springs was installed at each corner of the fixture to support the boat structure. Through electro-pneumatic motion controls, air was directed in and out of the air springs making the boat appear as if it was floating on water.

Application Opportunity

The ITT Enidine Inc. Air Springs were able to provide the customer with a very cost effective solution. The theatre was pleased with the overall performance of the Air Springs and the total support of the ITT Enidine Inc. distributor. The customer's expectations were met and exceeded.

