

HOLIDAY ON ICE

OVERVIEW

Holiday on Ice is one of the best-known brands in the world of ice entertainment. During the company's history, an astonishing 324 million people have seen a Holiday on Ice show. Working with top talent from the worlds of both ice-skating and theatre, Holiday on Ice produces a spectacular new show each year. In addition to touring in Germany, France, UK, Netherlands, Austria, Belgium and Denmark, Holiday on Ice has been instrumental in the development of new markets such as Eastern Europe, Greece and South America. Holiday on Ice is part of the international company Stage Entertainment.



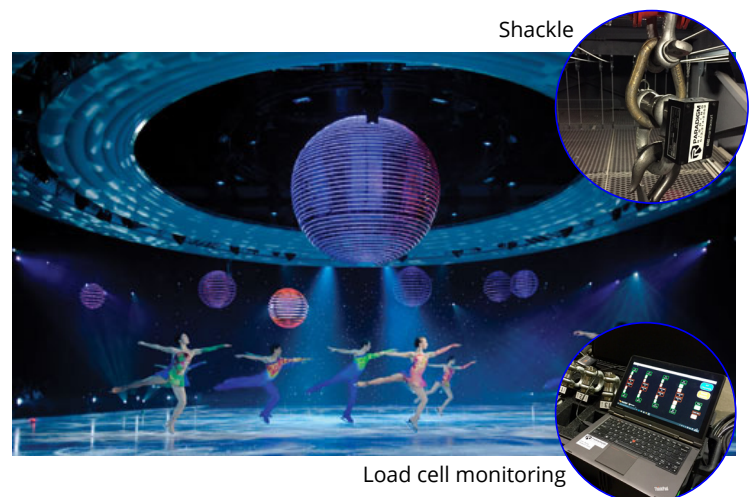
THE APPLICATION

Monitoring the structures weight distribution ensures stability of the rigging is optimized. When closely monitored for any movement in weight, the load cells can also indicate to engineers the weight limits they can apply to avoid overloading bars.

THE SOLUTION

BroadWeigh is a tool used by riggers to help with construction and deconstruction of rigging. A set of 24 BroadWeigh shackles were used to monitor key points on the stage system including chain hoist locations, grid hanging points and tensioned steel tie lines.

As a touring production, Holiday on Ice used the BroadWeigh shackles prior to the tour start date to record the rig's weight. Then on arrival at venues the exact loading could be presented to the venue staff prior to the rig's installation.



Shackle

Load cell monitoring

The values from all 24 load cells were gathered using a single PC running the BroadWeigh logging software. Each BroadWeigh pack allowed riggers to suspend and weigh items up to 4750 kg. Each input could be individually zeroed, allowing riggers to monitor not only the total loads but also the changes in load.