

Fashion Runway Installation

Load Cell

Industry: Entertainment

Summary

Customer Challenge

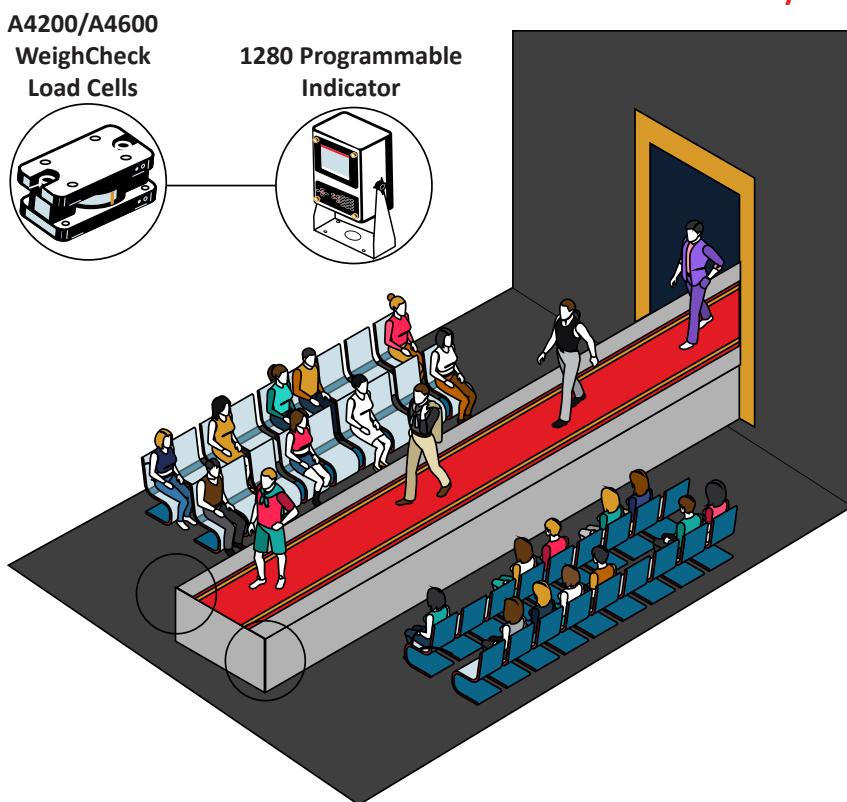
Modern-day fashion shows have evolved into complex, technology-enhanced productions. Instead of simple cat walks, runways now feature suspended lighting grids, moving stage pieces, reactive floors, and integrated multimedia installations. Load behaviors during rehearsals and live shows need to be identified for overloads or imbalances for both safety and any responsive visual flooring and pressure triggers into the runway environment.

Interface Solution

Interface suggests integrating the A4200 or A4600 WeighCheck Load Cells into the runway infrastructure. When a model walks on the runway, the WeighCheck Load Cells captures the forces. When connected to the 1280 Programmable Weight Indicator, results from the 1280 are sent to the customer's control center for observation.

Results

The implementation of Interface load cells on dynamic fashion runway systems ensures safety compliance. Structural stability is improved by early detection of unexpected load changes or overload conditions, significantly reducing risk of any injuries from accidents.



Materials

- A4200 or A4600 WeighCheck Load Cells
- 1280 Programmable Weight Indicator and Controller

How It Works

1. The A4200 or A4600 WeighCheck Load Cells are installed at different points under the runway to capture any applied forces.
2. Models walk on the runway, and the load cells detect the forces from foot pressure.
3. The 1280 Programmable Weight Indicator displays the force signals it receives. The 1280 can also perform batching functions, and send results to the customer's control center if needed.