

EXTERIOR AUDITORIUM

City of Sherbrooke

The City of Sherbrooke wanted to offer exterior entertainment to its citizens and to tourists visiting the beautiful Eastern Townships. Located along the Magog River in the heart of the city, this fully integrated auditorium has been designed and built to greet various types of shows. The infrastructures, although meant to stay in this location for many years, can be completely dismantled and set up any where else.

The whole auditorium: grandstands, stage and proscenium has a common galvanized steel base structure that serves as the level grade. This insures that all parts of the auditorium have an exact relation between each other in all axis.

The galvanized steel stage structure integrates 2 large gutters covered with fiberglass gratings to drain the water curtains and other water effects required by the original show. The stage surface is made of 5' x 5' x 4" wood floor panel completely covered with anti-slippery fiberglass. There are two access on the upstage sides of the stage.

Over the stage, the structures are made of black power coated steel to avoid any glare. It can withstand all the usual staging equipment such as sound lighting and acrobatics but also all the loads from the natural elements. A FOH extension for lighting is available and large speaker brackets were also designed and integrated at the front of the proscenium.

Projections screens at the back and on stage left and right were designed and built to frame the playing area and allow computer-generated images to be projected. The side screens go beyond the stage limits towards the grandstands for a enveloping effect. An aluminum grid made of tubes in front of the projection screens adds a third dimension to the ensemble. Support structures for the screens were designed and built by SE and also the screens systems.

The granstands offer 1000 seats with SE quick riser attachment chairs. Entirely designed and built by SE, the chair is a self rising seat model. The chairs structure is double zinc plated steel. Any seat configuration can be achieved within hours with the SE attachment. The grandstands floor panels are two layers of plywoods covered with fiberglass. All guardrails are powder coated steel for looks and durability. Projector towers, at

the furthest corners of the grandstands, were designed and built by SE. Follow spot platforms above the rear access were also integrated. Finally, a technical space is fitted at the highest level of the grandstands for the technicians that run the show.

Scène Éthique delivered the infrastructures starting May 2010 and rehearsals began in June. Scène Éthique with 6 men, 2 certified riggers and the proper lifting equipment, set up the entire auditorium in 3 weeks.

Once the summer season is over, the chairs and screens are stored and put back the following summer. If for any reason the city of Sherbrooke needed the auditorium to be set up somewhere else, the whole infrastructure could be dismantled and reassembled without any problems.



Aerial view of th auditorium



Images on projection walls



Stage pre-set up before galvanization



Stage grating section for water curtain



Stage set up on site



Grandstands set up on site



Mur de projection avec grillage d'aluminium



Scène Éthique chair - self rising seat

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