



SARA CULTURAL CENTRE, SKELLEFTEÅ, SWEDEN

CASE STUDY

Alimak construction hoists at one of the world's tallest timber buildings

Access anytime, anywhere

ALIMAK

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Alimak Scando 650 hoists and mast climbers provided vertical access for people and materials during the construction of the new Sara Cultural Centre in Skellefteå, Sweden. The cultural centre is one of the world's tallest timber buildings to date.

Located in the heart of central Skellefteå, in Northern Sweden, you will find one of the world's tallest wooden houses – the new Sara Cultural Centre, which will host venues for arts, performance and literature, as well as a hotel. Alimak construction hoists and mast climbing work platforms provided vertical access during the construction of the 80 metres tall timber building.

Two Alimak Scando 650 construction hoists, one on each side of the building, have been utilized on the site to transport workers and materials up and down the 20 floor building. The Swedish rental company Cramo was

responsible for the delivery of the Alimak construction hoists for the project.

In addition to the Alimak construction hoists, several Alimak mast climbing work platforms have also been utilized for façade cladding and window installation. A total of 12 mast climbing work platforms were used in twin mast configuration on the project at different heights. Alimak's rental partner Bennab was responsible for the delivery of all mast climbing work platforms to Cramo for the project.



The building consists of a low-rise section of four floors and a tower section on top, which extends a further 16 floors up.

Construction started at the end of 2018 and the building opened its doors to the public in September 2021. Sara Cultural Centre will become Skellefteå's new meeting place for concerts, performances, meetings, exhibitions, events and congresses. The entire building will be buzzing with creativity and the new hotel offers a spa, restaurant with panoramic views and first-class accommodation.

The building has a high focus on sustainability, with the spa on the 20th floor offering views of the forests from which the raw material came from, and with its heating and cooling system being regulated by the power from the Skellefteå River.

The Swedish writer Sara Lidman has been given the name of Skellefteå's new Cultural Centre.



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Two Alimak construction hoists and twelve mast climbing work platforms provided vertical access during the construction of one of the world's tallest timber buildings.



Alimak hoists and work platforms at the construction of The Sara Cultural Centre in Skellefteå.

HOIST DETAILS

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|--------------------|----------------------------------|
| Location: | Sara Cultural Centre, Skellefteå |
| Application: | New construction |
| No. of hoist cars: | 2 |
| Hoist models: | Alimak Scando 650 |
| Capacity: | 2,000 kg |
| Hoist car size: | 1.3 m x 2.2 m x 2.1 m (WxLxH) |
| Speed: | 0.6 m/s |
| Lifting height: | ~20 and 80 m |

www.alimak.com



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