

# bauma 2016 SHOW PREVIEW



## What to see at bauma 2016: The Definitive Guide

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# Soilmec's productive cranes

**Soilmec is completing its range of heavy-duty cranes with the introduction of the powerful SC-50 HD and SC-120 HD models.**

With the addition of these two cranes the range now comprises the SC-50, SC-70, SC-80, SC-90, SC-120 and SC-135 models. As with the existing machines the two new cranes are designed for use in tough working conditions and for applications such as diaphragm wall grabbing, hydraulic rotary boring, pile-driving, dragline work, clamshell duties or dynamic compaction.

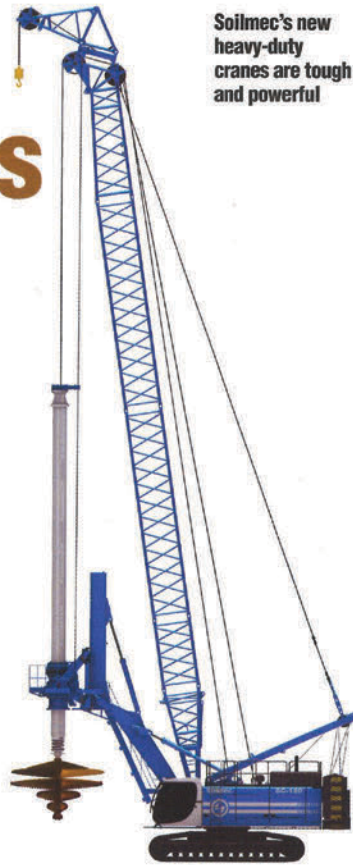
The models are fitted with Soilmec's new H-cab, which

features good all-round visibility and high operator comfort. A key feature for the operator is the sophisticated touchscreen DMS package, which monitors working functions and parameters.

This system allows full monitoring, recording and analysis of operation, with dedicated software providing full data handling and storage capabilities.

Customers can specify the SC machines with either Tier 4 Final/Stage IV compliant diesels or Tier 3/Stage IIIA engines, depending on the location where the units will be used.

[www.soilmec.it](http://www.soilmec.it)



Soilmec's new heavy-duty cranes are tough and powerful

## Vertical advances from Haulotte

French access manufacturer Haulotte is adding the Star6 to its vertical mast access range. The machine joins the larger Star8 and Star10 launched last year, with new AC motors delivering smoother performance.

A larger platform is included and Haulotte has added forklift slots in the side of the machine for easier movement. With three-stage hydraulic lift rams there is no requirement for chains or cables, so no regular maintenance of the lift mechanism.

The Star lifts are among the first machines to feature Haulotte's ACTIV diagnostic screen, built into the base structure of the platform. ACTIV is to be fitted as standard across the platform range, with ACTIV 2 on larger models. [www.haulotte.com](http://www.haulotte.com)

Libherr is working with Teufelberger to develop an innovative fibre rope



## Liabherr's new rope

**Liabherr is working together with Teufelberger to develop a high-strength fibre rope for use with cranes.**

This innovative rope will be suitable for use in tower cranes, mobile cranes and crawler cranes and Liabherr is carrying out field tests at present on a number of different cranes. Austrian firm Teufelberger is a leader in the field of crane ropes. This project is being carried out jointly between Liabherr engineers from various divisions, as well as Teufelberger.

The high-strength fibre

rope is being developed after many years of collaborative work between Liabherr and Teufelberger. This is based on experience in rope applications and winch technology for multilayer spooling and the development and manufacture of fibre and steel ropes.

The partners say that high-strength fibre ropes offer potential in comparison to steel ropes, being lighter and more durable. Load capacities can be increased thanks to the 80% reduction in the weight of the rope, which also allows reduction in mass of the hook

block. In addition, the ropes no longer need to be lubricated.

This rope weight saving can boost the size of the load being lifted. This allows for simplified assembly and disassembly of the crane due to the reduced rope weight, while increasing service life.

The high-strength fibre rope is said to be wear-resistant and lasts longer than steel rope. The extended service life reduces the number of rope changes, while the crane operator can easily and safely identify when the rope needs to be changed. [www.liabherr.com](http://www.liabherr.com)

## Hinowa updates popular access platform

Hinowa is replacing its Goldlift 14.70 IIS aerial platform with the Lightlift 15.70 Performance IIS, the fourth model in the Performance IIS range.

The machine has a maximum working height of 15.4m with a horizontal outreach of up to 6.6m. Basket capacity is 230kg throughout

the working envelope and the basket comes with rotation as standard.

Three power sources are available, including a 7.5kW Hatz

diesel, an 8.7kW Honda petrol engine and a lithium-ion battery pack for emissions-free operation. [www.hinowa.com](http://www.hinowa.com)