RCS MAX Rail Climbing System

Hitting great heights in a safe and efficient manner

Expedited construction process with greater productivity
thanks to shorter climbing cycles brought about by multiple platforms climbing in unison

Ease of use
thanks to an intuitive operating process and lightweight system components with plug-and-play configuration

Innovative safety concept
based on intelligent features and a low number of work steps

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The RCS MAX Rail Climbing System

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You can find more information about the RCS MAX Rail Climbing System in the video

The RCS MAX Rail Climbing System revolutionises climbing technology and increases productivity and safety on your construction site. As a further development of our proven RCS MAX Rail Climbing System, you can easily expand your existing system with the new modules – the RCS MAX Hydraulic Unit as well as the RCS MAX Drive Rails.

Revolutionary climbing sequence
RCS MAX allows you to climb multiple platforms simultaneously – in fewer steps. The system transfers the load via the lower climbing section. As such, the platforms can be readied for the next climbing stage more quickly. The shorter climbing cycles also reduce the construction time of your project.

Simple assembly and operation
The clever and intuitive plug-and-play configuration facilitates the installation and operation of the system. Electricians or hydraulics experts are not required for installation. The hoses and cylinders are quickly moved into predefined positions once – repositioning is not necessary. Wireless control is also possible for even more freedom of movement for operators. An additional benefit: the lightweight system components require far less space at the construction site on account of their compact dimensions.

Innovative safety concept
RCS MAX also sets completely new standards in terms of safety: thanks to the decentralised hydraulic units, the system stops automatically in the event of overloading or a collision. What's more, in addition to the ability to have all units climbing simultaneously, intelligent features such as dead man's switching with multiple remote controls as well as an emergency stop switch on each platform mean that the construction site personnel have safe working conditions.

The RCS MAX Hydraulic Unit

No building edges
The new RCS MAX Hydraulic Unit increases safety on your construction site. Due to the fact that several platforms climb at the same time, there are no open building edges. Tripping hazards and falling parts are therefore a thing of the past.

Full control
The automated climbing process comprises only a few work steps, is intuitive as a result and can be mastered with very little training. Potential operating errors are therefore virtually eliminated. The display, which is connected to the unit by way of a cable, also enables you to monitor the climbing process in full.

Fast problem detection
Faults are indicated immediately by light signals on the unit and on the display. As such, problems can be identified quickly and remedied easily on site. RCS MAX thus reduces downtimes on your construction site and increases your productivity.

The RCS MAX Drive Rails

Fast concreting cycles
The RCS MAX Drive Rails C and CL enable safe relocation of your platforms. They are firmly anchored to the wall at all times. The vertical load created during the concreting process is transferred via a climbing shoe and into the concreting section that has already hardened. This allows you to achieve even faster concreting cycles.

Optimised climbing process
The few work steps optimise your climbing process: at the push of a button, you start the automated ascent and easily move the platforms upwards. There is no need for additional settings.

Reduced cylinder cycles
The hydraulic cylinders allow the platforms to climb in full 750-mm increments. The reduction in cylinder cycles means that fewer steps are required to move to the next position. The short and tightly laid hoses also ensure less pressure loss during the climbing process.

RCS C MAX
- Flexible in the design of the slope.
- Particularly suitable for high-rise buildings.
- New feature: The cylinder is now permanently connected to the system and climbs in tandem with it. Cumbersome conversions are now a thing of the past.
- Plus: With RCS P MAX, simultaneous climbing of all platforms is now also possible with enclosures.

RCS CL MAX
- Around 2 m shorter than RCS C MAX.
- Particularly suitable for low-level buildings.
- New feature: you no longer need an extension. The new slope connector with integrated spindle makes it easier to reach the top climbing shoe and ensures flexible adjustment of the system to slopes. Furthermore, the cylinder is firmly connected to the system and climbs with it.

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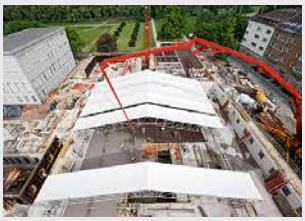

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