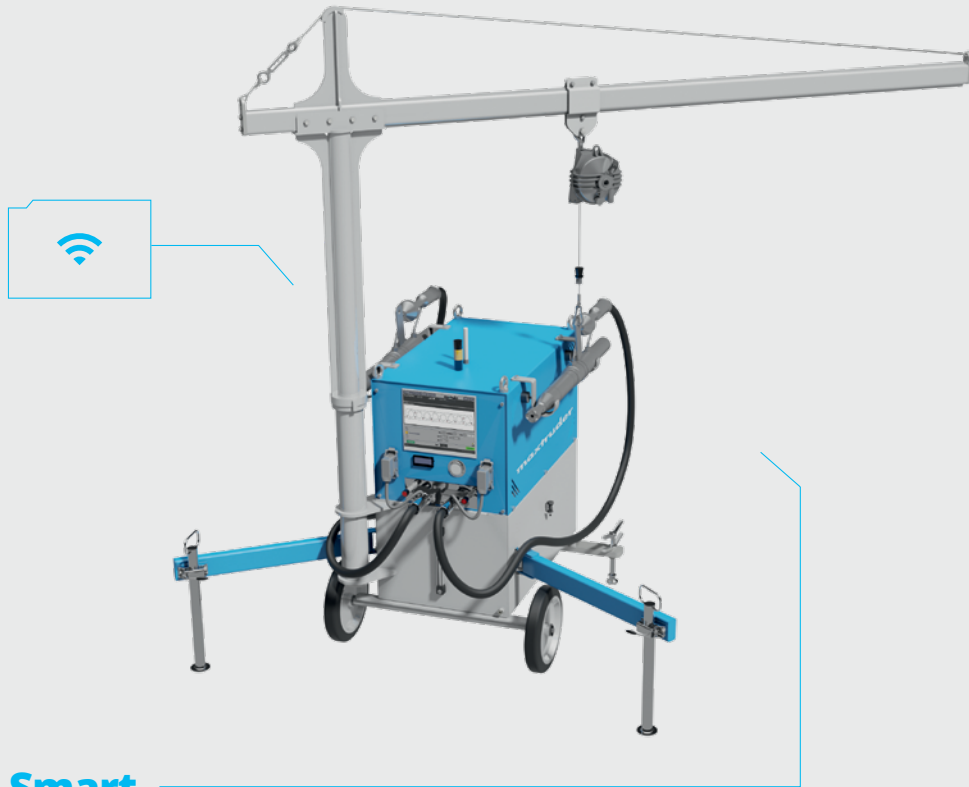


The logo for 'maxtruder' is positioned in the top right corner. It features the word 'maxtruder' in a bold, lowercase, sans-serif font. The 'x' is a distinctive blue color, while the remaining letters are black. The background of the entire page is a repeating pattern of black and white geometric shapes, including rectangles, squares, and lines, some of which contain smaller patterns or dots, creating a complex, architectural look.

maxtruder

The logo for 'maxtension' is centered on a white rectangular background. It consists of the word 'maxtension' in a bold, lowercase, sans-serif font. The 'x' is a bright blue color, and the other letters are black. The background of the page is a repeating pattern of black and white geometric shapes, including rectangles, squares, and lines, some of which contain smaller patterns or dots, creating a complex, architectural look.

maxtension



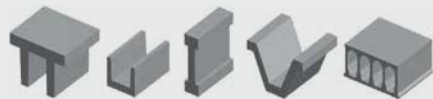
Smart

Our solution variants for tensioning strands or single wires

- maxtension Smart single-wire tensioning system
- maxtension Classic single-wire tensioning system
- maxtension group tensioning system

Typical application examples

Faultless prestressing and post-tensioning



A milestone for quality assurance

- Continuous stressing process without initial pre-tensioning, immediate clear evaluation
- Highest precision through robust sensor technology and intelligent software
- Error-free and tamper-proof data recording and backup
- Data transmission from/to higher-level systems
- Several stressing jacks can be connected, automatic recognition of the stressing jack

Fastest error-free prestressing and post-tensioning. Import of tensioning data including tensioning graphics directly from your design or production management. Graphic instruction to the operator on which wire to tension. Fully automatic measurement of stressing forces, lengths and pressures during each stressing operation. Immediate clear evaluation. Alarm in case of faulty tensioning process. Fully automatic creation and storage of tamper-proof stressing protocols. Data transfer to quality assurance, PPS and ERP programme.

30–300 kN
Several stressing jacks can be connected



maxtension

Prestressing of precast concrete elements

Accurate with safety: maxtension Smart

The single wire tensioning system is used for the automated, intelligent, fast, safe and precise tensioning of all single wires to the required stressing forces in one go. As often a mixed tensioning of the strands occurs, several stressing jacks can be connected and used at the same time. The advantage here is that the tensioning process is as well as the documentation is carried out in one step.

Proven many times: maxtension Classic

Stressing wires are first evenly pre-tensioned. In a second work step, the operator the operator stretches the wires to the target tension. The stressing lengths and forces are then recorded manually and documented and evaluated in the stressing protocol.



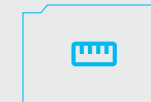
Classic

Main benefits of Smart



57 %
Time saving

Uninterrupted tensioning process with immediate data recording and analysis



99 %
Precision

High-resolution, redundant measuring systems combined with intelligent control



100 %
Quality assurance

Error-free and clear data recording, automatic backup, Wi-Fi interface



maxtension
in the download area

Quality and efficiency

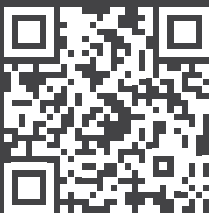
We combine both.

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