

Geokret 2.0

Complete solution for smart shotcrete application

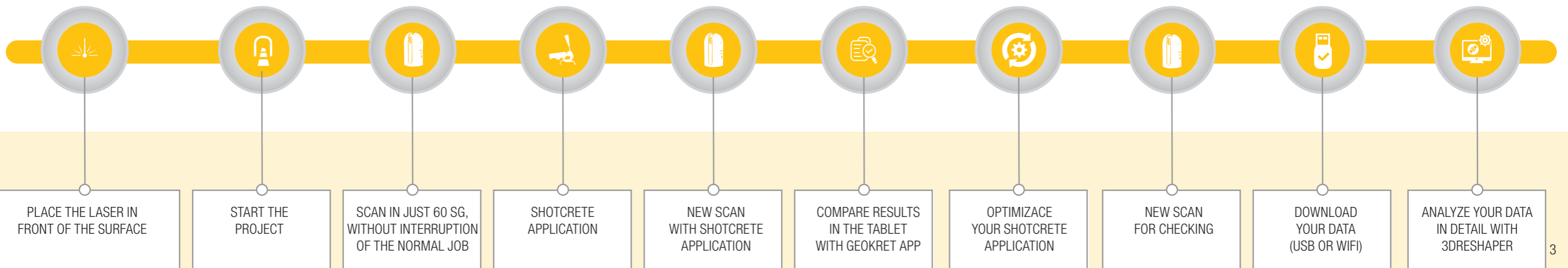
Shotcrete scans in underground environments

Geokret 2.0 is the complete solution for scanning shotcrete in underground environments, helping you perform your shotcrete applications much more intelligently. This system increases safety and durability, avoids unnecessary costs due to the waste of material, and ensures the best spray quality possible.

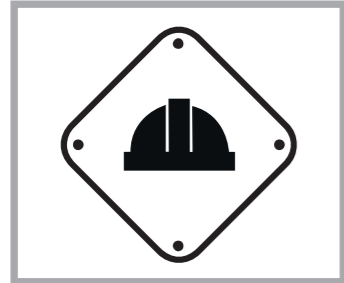
The system is based on a high-precision 3D laser scanner with data transmission via Wi-Fi to the tablet, without cables for greater flexibility (mount the laser in your Putzmeister concrete spraying equipment or in the included tripod). Perform high precision scans in 60 sg up to 360° of the gallery, without interruption of the work cycle.

Our intuitive and friendly Putzmeister Geokret app has been designed thinking in the operator, in just some clicks the scans and reports are ready, to focus in what is important, the shotcrete application and its optimization. Geokret app is integrated in the robust tablet, ideal for the rough underground conditions.

Furthermore, Geokret 2.0 includes the licence of the powerful software 3DReshaper, for analyze your data (volumes, thickness, areas) and generate exhaustive reports about your measurements.



Smart shotcrete application



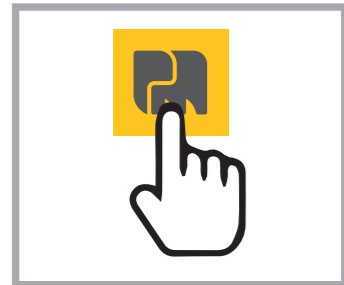
Increased safety and durability. You will know the real application on time.



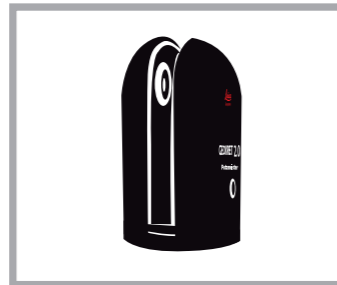
Save the costs of wasted material.



Improved spray quality. Know the areas of excess or lack of concrete, you will be able to optimize the application and review where it is really necessary.



Intuitive, easy to use and friendly design Geokret app, to focus on the important, your shotcrete application.



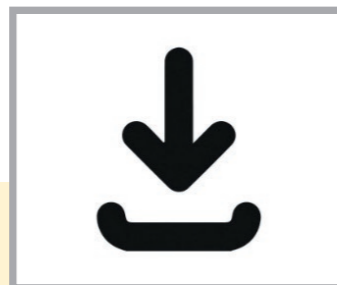
360° scan in just 60 sg, with a range of 60 m and very precise (we guarantee an error of only 1 mm).



Wireless data transmission: flexibility in laser positioning.



Powerful software for exhaustive analysis of your collected data. Compare, analyze and optimize.



Generation of customized and downloadable reports: thicknesses, volumes, sections.



Developed in collaboration with Leica, part of Hexagon group, a leading company in the world of measurement, with after-sales support worldwide.

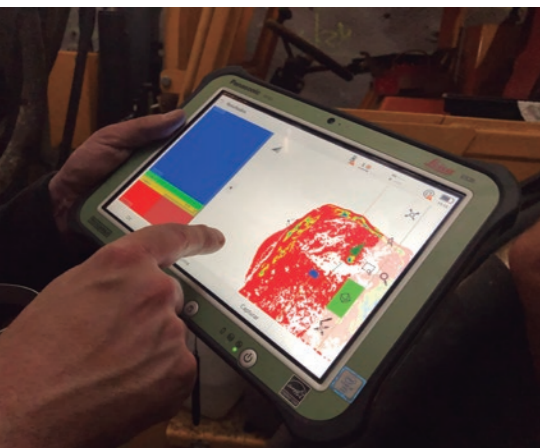


” Complete solution for smart shotcrete application in underground environments ”



Complete package

Developed with Leica Geosystems



Geokret app integrated in a robust tablet

Putzmeister Geokret has been designed to perform shotcrete scans easily and intuitively on site, in just some clicks. It is integrated in a robust tablet ideal for the harsh underground environments you usually work.

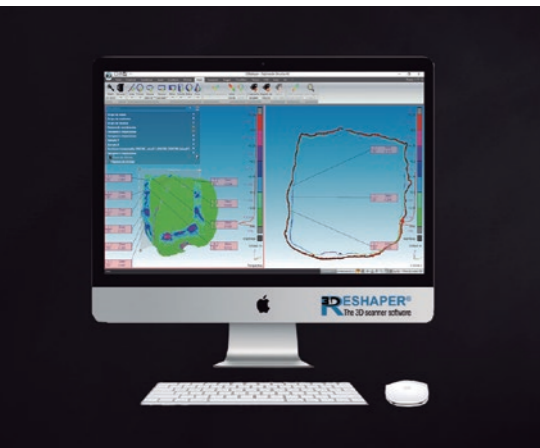
- Friendly and intuitive use
- Measurement customization
- Downloadable reports
- USB and HDMI outputs
- Direct access from the Desktop to the Geokret app
- High resistance tablet (IP65) with Windows
- Communication via Wifi and Bluetooth to the laser



3D laser scanner

Mounted on your Putzmeister concrete spraying equipment or in the included tripod, you can make high resolution 3D scans up to 360° or a delimiting section.

- The smallest and lightest equipment available: 1kg, 165mm tall x 100mm in diameter
- 60 m range
- 60 sg per scan
- Data transmission to the tablet by Wifi or Bluetooth
- Protection case



3DReshaper software license

With the unique license of the powerful 3DReshaper software, you will be able to analyze and generate exhaustive reports about your measurements:

- Rebound calculation
- Analysis of sections, volumes, and thicknesses
- Comparative analysis
- Geolocation
- Personalized reports and graphics
- PDF downloadable reports



Accessories

- Laser protective case
- Tripod
- Batteries
- Chargers
- Transport case



Putzmeister and Leica Geosystems, advanced and intelligent solutions

Putzmeister has more than 30 years of experience with shotcrete in underground tunnels and mines around the world. Our robotic shotcrete equipment guarantees a very safe robotic spray environment for the operator along with professional finish quality.

Leica Geosystems, a Swiss company recognized for its high quality products and development of innovative solutions for capturing, analyzing and displaying intelligent geospatial data, has revolutionized the world of measurements and topography for almost the last 200 years.

Geokret 2.0 brings together Putzmeister's experience in underground shotcrete environments and Leica's technology, resulting in an intelligent, efficient and safe shotcrete application.

Developed together with:



Putzmeister Underground Technology

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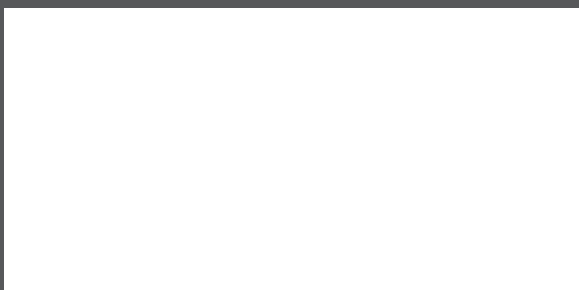
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