



Creating precise technical 3D models of your assets

PlantScan 3D opens up completely new possibilities for you: With the help of accurate laser scanners and high-resolution industrial drones we create a 3D model of your plant, process systems or terrain. The measurements are precise to the millimeter and can be used for plant design, wear measurement or other kinds of inspections.

PlantScan 3D for plant design

3D structural surveying of a plant considerably simplifies and reduces planning work. When designing plants, the data recorded can be used to create 3D models, and interfering edges can be detected earlier.

Time-consuming and personnel-intensive re-measurements are not required. Conversion parts can be accurately planned, manufactured and installed without major adaptation work. The risk of unplanned stoppage times is minimized. This contactless measurement method does not affect ongoing production and can record even inaccessible areas.

PlantScan 3D for wear measurement

PlantScan 3D assists in analyzing the wear on the roll bodies of high-pressure grinding rolls and the crushing elements of gyratory crushers through completely and rapidly laser-scanning these components.

The scan is processed and displayed to allow wear analysis. As a result, maintenance work and service lives can be calculated more accurately.

PlantScan 3D produces a realistic representation of the required areas and is thus an essential tool in today's industry.

PlantScan 3D with thermal overlay

With the help of thermal sensors attached to a drone PlantScan 3D enables 3D models of your plant to be created with a thermal overlay. So you can detect heat leakages, pipe congestions, or just document the current situation of your plant.

Your service advantages

- Contactless recording of millions of measurement points
- Fast and safe measuring method for supporting plant design
- Precision to the millimeter allows wear measurement
- Thermal overlay of 3D model for thermal analysis
- File format compatible with all kinds of software