

Inventory Surveying for Industry

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HIGHLIGHTS

- Deployment of state-of-the-art measuring and analysis systems
- Creation of as-built drawings (2D & 3D) and 3D models
- Visualisation and simulation (Virtual Reality)
- Support of information systems (FM, GIS)



Laserscanning in a steel plant

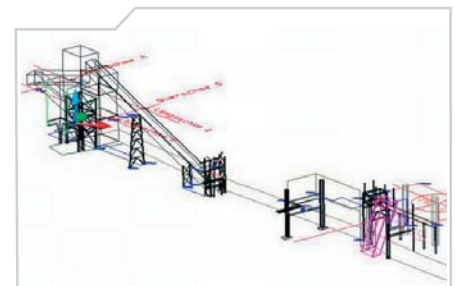
Field of Application

Inventory surveys provide the required basic data for planning of construction and installation projects and also the creation of facility management systems (FM) and documentation and information systems. A further significant function of the inventory surveys is recording of the current state, for the purpose of conservation.

In its broadest sense, this includes all types of surveys and measurements to capture and document a status quo (natural inventory).

Industry

With major, historically developed industrial plants, as are often found in heavy industry, there may be only inaccurate or no drawings and plans of the current situation. Old plans generally exist only on paper and must be digitised at great expense. Using our modern measurement facilities, we can quickly and cost-effectively establish an accurate inventory of the objects, fulfilling all the requirements for planning new and re-construction projects.



*3d-picture of unloading structure for coal
with following blast furnace frame*

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Description of Services

Geometrical and factual data on existing objects are compiled with the aid of geodetic measurement systems such as GNSS, total stations, laser scanners as well as digitised paper plans and other sources. We provide high quality CAD as-built drawings and 3D models in different resolutions for buildings, industrial and machine plants, disposals, etc.