

# polysius® Asset Condition Assessment



## Transparent condition assessment as a starting point for targeted measures

The Asset Condition Assessment (ACA) provides a clear understanding of your equipment's technical condition. It helps identify risks early, assess potential impacts of failures, and plan targeted actions. This forms the foundation for an efficient, long-term maintenance strategy tailored to your specific needs.

### Report methodology & structure

The ACA report is based on a comprehensive assessment of your machine or system. Where available, historical fault data, performance metrics, past inspections, repairs, and inventory levels are included to support targeted recommendations.

Machines are divided into key maintainable units to present inspection results clearly. Based on these findings, our experts develop a tailored action plan—from adjustments and repairs to potential upgrades—with prioritized measures to support balanced long-term budgeting.

ACA complements existing processes and provides valuable insights for developing a sustainable, machine-specific maintenance strategy focused on minimizing risks and ensuring long-term reliability.

The structure to display findings for each major assembly group is as follows:

- Identification of major assembly group
- Photos and/or graphic representation
- Identified anomalies
- Possible cause and effects
- Recommended measures
- Reference material (e.g.: polscan measurement protocols)

### Possible scope

- PlantScan 3D
- polscan® - Drum measurement and alignment of peripheral components
- poldrive® - Drivetrain inspection
- Process engineering – plant inspection
- Visual inspection
- Sheet thickness measurement
- Individual measurements

## Your service benefits

- Improvement of production and productivity
- Data-driven maintenance programs
- Lower production downtime costs
- Extension of equipment service life