

NEW

INLINE

SURFACE INSPECTION

FOR ALUMINUM PROFILES



www.ascona-gmbh.de/en/promex-cyrus

promex **CYRUS**

EXTRUSION

AI makes the difference. Yield Optimization in an intelligent way.
Highly accurate detection of surface defects based on Artificial Intelligence.

KEY FEATURES

- > Individual implementation through modular concept
- > Installation directly at the press
- > Die agnostic detection
- > Software based on Artificial Intelligence
- > 100 % defect classification in real-time
- > Smart alerting for press operators
- > Remote monitoring of the production through cloud-based AI Data Management System
- > Reports and statistical evaluation of the surface inspection

DEFECTS

- > Blisters
- > Scratches
- > Stop-marks
- > Pickups
- > Rough surface
- > Snap-marks
- > Twists
- > Scrapes/Tearings

BENEFITS

- > Real-time detection at an early stage of production
- > Early initiation of production optimization activities
- > Prevention of unnecessary downstream processing
- > Autonomous development and improvement of the software through the use of Artificial Intelligence
- > Reduction of production, processing and recycling costs
- > Reduction of power consumption and CO2 emissions
- > **Valuable financial and material savings**



SMART ALERTING

- > Intuitive user interface for smart alerting of press operators
- > Targeted corrective actions at an early stage

AI DATA MANAGEMENT

- > Holistic cloud-based solution for intelligent remote monitoring of the production
- > multiple benefits for various departments

