

The new generation optical chip analyzer

- Improved method for image analysis
- New software
- Simplified reports and communication
- Easier to use
- Less maintenance required
- Improved remote diagnostics
- New space saving layout



*Result
SCAN-fractions*



Manual sample



Service



Iggesund Tools is now releasing an updated version of the ScanChip chip analyzer. It is as brilliant as its predecessor, but faster, simpler and easier to use. We have improved the image analysis technique and the software, and simplified the communications to operators, mill systems and users in general. The updated ScanChip analyzer requires less service and has functions for improved remote diagnostics. The new layout saves space and allows for convenient installation and operation.

All the proven functions that were developed for Iggesund Tools' first generation ScanChip back in 1994 are still present in the new version. Using current technology in the new ScanChip we have created simplified ways to extract, distribute and analyze the results. We are also developing future functions that will help optimize the pulping process, such as chip brightness and bark content analysis.

The new generation ScanChip is as intelligent as its predecessor, but also improved to meet 21st century requirements for more in-depth analysis, communications and simplicity.

Since the mid-1970s, when Iggesund Tools introduced the first TurnKnife system, we have concentrated our resources on learning to accommodate the specific conditions in effect at each customer in terms of pulp wood chipping and the subsequent production of sawmill chips. Our development work is driven by a desire to expand our knowledge of how machine equipment, production capacity, tree type, latitude, season, etc. affect chip quality, and how that in turn impacts the pulping process and its end products.

One of our most important tools in this endeavor consists of opportunities to analyze our customers' chipping results using the Iggesund Tools ScanChip system, the only documented functional optical chip analysis system to date.

Since 1994 we have analyzed some 40 000 chip samples from customers at our ScanChip laboratory in Iggesund, Sweden, and we regularly perform production optimizations and installation analyses using our mobile ScanChip unit.

Igesund Tools is a world-leading supplier of knife-based chipping systems for the pulp and sawmill industries and debarking tools for sawmill applications.