

# HIGH-PRECISION TIMBER MEASURING

"Bavarian State Forests (BaySF) have been using the sScale photo-optical process made by Dralle since 2007... All 4 (sScale)-measuring units are connected via an interface to our SAP operating system. Until today **more than 8.000.000 solid cubic meters are measured** in close to 200,000 individual lumber stacks – **without any problems for years**, sScale has provided geo-data, photo documents and detailed lumber stack descriptions day after day, enabling us to significantly reduce cycle times in the logistics process. Because of their advantages, photo-optical processes are becoming increasingly important to all those involved in the timber supply chain and, sooner or later, they will become indispensable in forestry and in the timber industry."

**Martin Müller, Head of Logistics, Bavarian State Forests**

**DRALLE** 

LogTracking since 2002



Tel:

+45 31 35 49 63 (EN, DE)

E-mail: [sales@dralle.dk](mailto:sales@dralle.dk)

[www.dralle.eu](http://www.dralle.eu)



## Quality, precision & efficiency

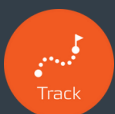
With DRALLE's sScale system you get:

- High-precision 3D technology – no tape measure, yard-sticks or labels. Just drive by!
- All weather, all-season, day & night, off-grid timber measurement
- Up to 500.000 m3 / year per system
- Map-based timber registration and tracking
- Customizable timber stock management & data integration
- Legally compliant, accurate & transparent stack measuring

sScale automizes stack measuring at the click of a button, from the comfort and safety of your vehicle. Whether in pitch black darkness, pouring rain, surrounded by mosquitos, or in the cold winter months, sScale will always provide you with a stack measurement certified for trade with a standard deviation of less than  $\pm 3\%$ .

When connected online, the measurement data is instantly transferred to a webserver that will be

able to communicate with your own IT systems. This includes a highly advanced stack administration that lets you and your trading partners have the full overview of where in the logistical chain the timber is - at any given time. You control who has access to what data and you will be keeping your business sharp.



## Newest technology

In 2022 DRALLE launched a new sScale update that utilizes advanced AI to accurately find the front stack surface. This increases the measuring capacity of the system, and provides a highly improved work flow for the operator. The upgrade vastly improves the diameter measurement of each individual log, giving valuable data to optimize your sales price and helps with controlling the measuring done by the wood industries.

## The log end detection

The new log end detection includes:

- Highly automated volume measurement
- Precise measurement of log diameter classes
- Accurate solid cubic meter measurement

sScale is based on 15 years of proven practice with the world's largest stakeholder in the forest and wood industry. DRALLE is the market leader within photo-optical woodscaling.



## Your gains

With the newest version of sScale the gains are higher than ever:

- Faster work flow for stack measuring
- Accurate diameter classes optimizes your sales price
- High tech AI technology, certified for trade
- 1 meter camera baseline, provides the most accurate measurement on the market, regardless of the weather, light conditions, or equipment handling

The sScale system can be leased at a low set or! flex cost. Contact us to hear more

## Want to know more?

Please get in contact with us and we will find out how sScale can help your organization's needs.

**E-mail:** [abp@dralle.dk](mailto:abp@dralle.dk)  
**Tel:** +45 31 35 49 63 (ENG, GER)

[www.dralle.eu](http://www.dralle.eu)