sScale™

DRALLE

Fast and reliable, legally secure and precise timber measurement

Calibrated 3D photo-optic measuring of timber stacks by using sScale™ - AI Technology made by DRALLE

'**sScale**' is the preferred professional and calibrated measuring device for timber stack data recording in Germany and Denmark. **sScale** supplies legally secure data for all downstream process sections from the forest to the factory.

sScale simplifies and accelerates both the process of timber measurement and the management and flow of data for foresters. **sScale** minimises logistics costs, facilitates documentation and makes the timber sales process more transparent. Thanks to the amazingly easy-to-use measuring and data processing system, one does not have to be an IT expert to perform professional timber stack management.

1 person with the sScale is capable of measuring up to 400.000 solid cubic meters per year, whilst ensuring maximum efficiency and an effective process standardization.

sScale is mounted on a vehicle as a stereo camera system. It is quick and easy to learn to operate with it's built-in touch screen and the AI-based technology does all the work.

All data, both administrative, such as timber stack ID, tree species, assigned buyers, as well as measuring results, such as cubic and fixed measurement values, number of items and diameter distribution, are immediately uploaded to the **DRALLE webServer**.

Timber stack management becomes simplified when integrating existing IT-systems with the **sScale** through our easy-to-implement API. A **measuring accuracy of +/-3% over 3 standard deviations** is guaranteed when measuring timber stacks.

sScale™: efficient, legally secure, process

- **S**tereo camera system measures in 3D-space and **utilizes AI to give precise results.**
- **S**imply drive by – no yardstick, measuring tape or other reference objects are required.
- The built-in **LED lighting system** enables use 24/7, day and night.
- Measure timber stacks easily over vast distances from **the comfort of the car in all conditions.**
- **sScale** measures and processes data offline, and automatically uploads data to the webserver when connectivity is reestablished.

- **sScale** enables low personnel costs, maximum efficiency, and reliability.
- Certification and yearly checkups by relevant authorities ensure a legally secure price and payment settlement process between forester and purchaser.
- **sScale** delivers the highest precision under all conditions and guarantees a maximum error margin of +/- 3% within 3 standard deviations.
- Our **API** makes integration with existing IT-infrastructure an easy process.

Contact Dralle today to hear more

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