



TRESTIMA™ Stack

Roundwood measuring tool

TRESTIMA™ Stack is a tool for measuring the volume and diameter distributions of logwood or pulpwood piles from smartphone or tablet photos. This tool turns the tedious task of stack inventory into pure joy!

Using the Stack tool is easy. Just follow these three steps:

1. Take a photo of the stack. A reference stick must be visible in the photo
2. Input approximate stack boundaries so the machine vision knows where to detect log heads
3. Input the length of logs

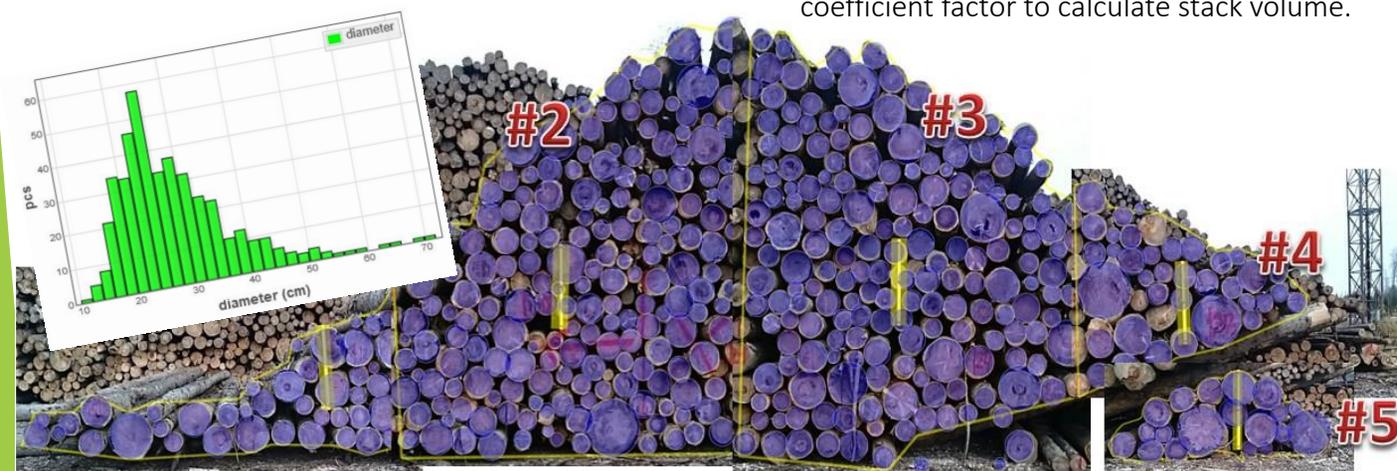
TRESTIMA™ Stack is suitable for measuring stacks

- In the forest and by roadsides
- From timber trucks
- In terminals
- In log yards
- In intermediate storages

KEY BENEFITS

- Measure quickly and easily volume and diameter distribution of any stack
- Measuring speed up to 100 m³/min per person
- Also wide stacks can be measured by taking multiple photos
- Every log head doesn't need to be visible for accurate result
- Record text and photo observations with GPS location
- Detailed results:
 - Stack total volume
 - Stem diameter distribution
 - Number of stems
 - Coefficient factor
 - Stack dimensions
 - Stack location

Stacks that cannot be fitted in one photo can be measured simply by taking multiple photos. Not all of the log heads need to be recognized as the system uses stack's surface area, log length and an automatically generated coefficient factor to calculate stack volume.



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