Forester

H50 for efficient logging

This makes Forester the one for you

Forester is an open system for manufacturers of machines and harvesting heads. Forester offers an integrated system solution that manages the entire information flow from the planning of logging in the office, via the work of the harvester and forwarder to the reporting of production and operational data.

Forester H-series is available in three different versions, depending on the level of functionality. All versions use the same harvester head control logic as well as electronic hardware units, which makes it easy to change the Forester bucking control version.

Forester H50 is ideal for equipment manufacturers and when retrofitting on an existing machine.

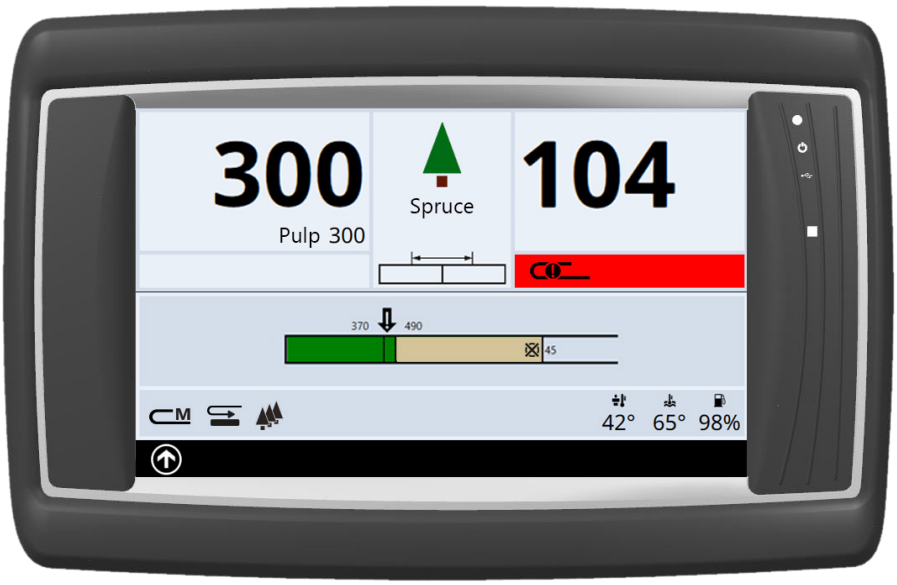
Functionality

Forester H50 is a robust and low-complexity measuring and control system for logging process control.

The software is designed with a focus on simplicity of configuration and operation. The display is small and easy to mount in a compact cab. The user interface is modern and easily navigated.

Remote connection to the machine allows a service technician to support with troubleshooting and settings.

Forester H50 allows equipment manufacturers to adapt functions, and design the user interface, for example the operations screen and menus. The system is also fully integrated with the Dasa control and communications system. This gives equipment manufacturers the advantage of being able to select a complete control system for both the base machine and the implement from the same supplier.



Forester

Main functions H50

Bucking

- priority bucking; by prioritizing length and diameter categories, bucking is steered towards the desired result.
- possible to group the lengths into products.
- support for multiple logging contracts.
- support for a more advanced bucking instruction with for example bark function and volume type.

Bucking instruction

- easy to create and edit bucking instructions directly in the machine.
- easy to import and export bucking instructions and production.

Production reporting

- reports can be presented directly in the system or exported as tab-separated file to a USB memory.

Calibration

- diameter calibration with one easy-to-use, easy-to-understand setting parameter.
- length calibration with separate calibration of root logs and other logs.
- support for calibration with computer caliper.

Diameter measuring

- the system supports work with, or without, diameter measuring.

Touch screen

- touch screen for simple operation.
- all system settings can be entered directly via the touch screen.
- modern and easily navigated user interface.
- possibility to alternate between simple and advanced user interfaces.

Operator handling

- via login with support for different languages and devices, different permissions levels and personal settings.

Remote support

- connect the machine via existing internet connection (already existing in the machine), separate modem (option) or the operator's mobile phone.
- allows a service technician to connect to the machine to support with troubleshooting and settings.

Backup

- integral backup system with possibility of selective backup restoration.

Simulator

- an advanced simulator is available for development, maintenance and training, which allows the bucking system to be function tested in a simulated logging. The logging process can be monitored dynamically, resulting data can be followed up, and important variables observed and analyzed.

Dasa is a leading supplier of computerized control- and communication systems for heavy vehicles. With high technical competence we develop and manufacture systems for control and information handling together with complete applications for forest harvesting.

CONTROL SYSTEMS dasa

+46 (0)470 77 09 50 www.dasa.se