



## d5Bucking Prio C – for accurate log selection in the forest

d5Bucking Prio C is a total measuring and control system for felling process control in forest harvesters. The system hardware comprises standard CAN-based units from the dasa5 product range. The software was designed with a focus on simplicity of configuration and operation. The system is based on prioritized lengths, with or without diameter categories. d5Bucking Prio C allows equipment manufacturers to adapt functions, and design the

user interface, for the operations screen and menus, for example. The system is also fully integrated with the dasa5 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 implement from the same supplier. d5Bucking Prio C is ideal for equipment manufacturers and modification specialists.



*Example of an operating screen in a forest harvester equipped with d5Bucking Prio C. The user interface layout is divided into segments for optimum overview. The upper area shows information regarding current bucking operations, the centre section displays a felling summary, and the lower portion presents information from the base machine.*

#### ■ **Bucking**

- Priority bucking; by prioritizing length and diameter categories, bucking is steered towards the desired result.

#### ■ **Bucking instruction**

- Created and registered directly in the system.
- Can be imported via USB memory.
- PC software accessory available for the creation and editing of bucking instructions at the office.

#### ■ **Production reporting**

- Production storage in 3 general and 5 driver dependent registers. All registers can be zeroed individually.
- Production information 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.

#### ■ **Diameter measuring**

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

#### ■ **Touch screen**

- The system is equipped with a touch screen for simple operation.
- All system settings can be entered directly on the touch screen.

#### ■ **Driver handling**

- Log-in activates driver-dependent language and personal settings.

#### ■ **Language support**

- Basic support for a large number of languages including English, French, German, Portuguese, Russian, Spanish and Swedish.

#### ■ **Systems of measurement**

- The software supports Metric and Imperial systems of measurement.
- The system used is tied to each individual driver's personal settings.

#### ■ **Backup**

- Integral backup system with possibility of selective backup restoration.

#### ■ **Simulator**

- An advanced d5ABucking simulator is available for development, maintenance and training, and which allows the bucking system to be function tested in a simulated felling. The felling process can be monitored dynamically, result 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.*