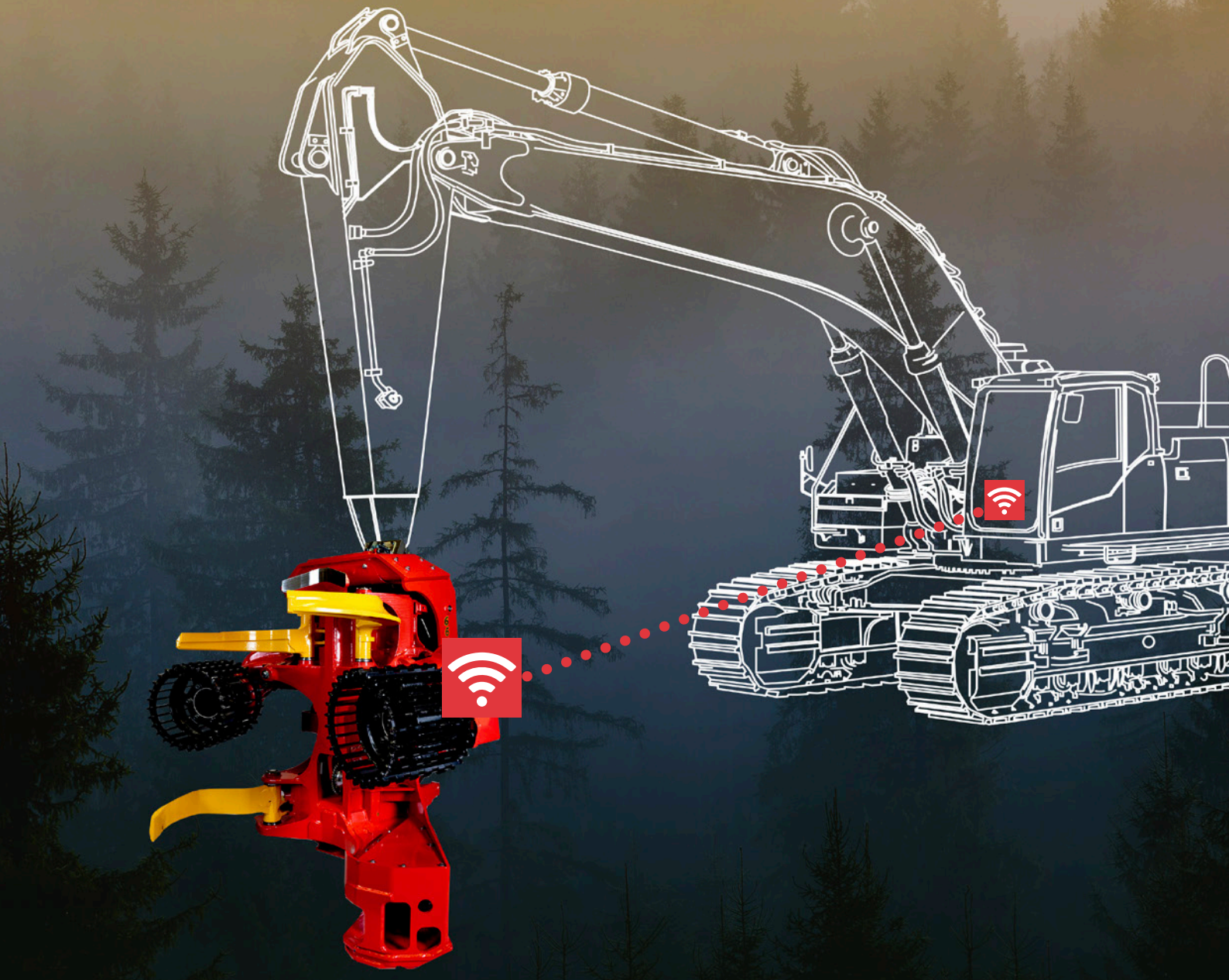
# DASA 7

## Control system

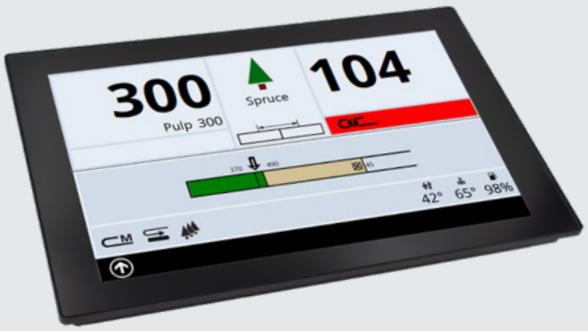


SP
— ALWAYS AHEAD —

Wireless

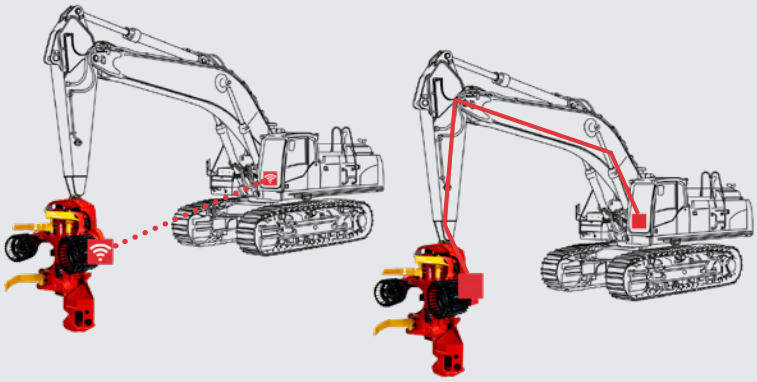
# Dasa 7

**Dasa 7 is the latest generation control system offering lightning fast reaction times, robust/ proven modules and a user friendly interface.**




## Wireless or wired

The Dasa 7 comes in two different versions - Wireless and Wired, both available with either H50, H60 or H70 software to be able to perfectly match the needs of your specific logging operation.



# One system – 3 levels of bucking

## H50

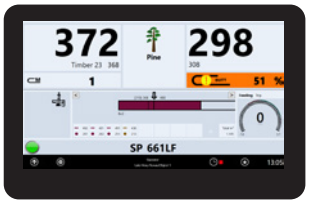
Dasa H50 is a robust and easy-to-use bucking software for measuring and controlling the production process. Just set the priority of length and diameter and the Dasa H50 will make sure you get the desired bucking result.

- Robust and easy to use
- Priority of length and diameter
- To be used if simplified production report is ok
- Remote connection via smartphone
- Linux 10" dHMI


## H60

The Dasa H60 software prioritizes (priority bucking) witch lengths to cut based on a preferred length list. With the Dasa H60 you can be assured that the system always cuts your preferred logs, and you are guaranteed a high productivity and yield.

- Good functionality – Priority Bucking
- StanForD 2010 exports
- To be used if you create your own instructions and need to generate StanForD reports
- Remote connection via TeamViewer
- Windows



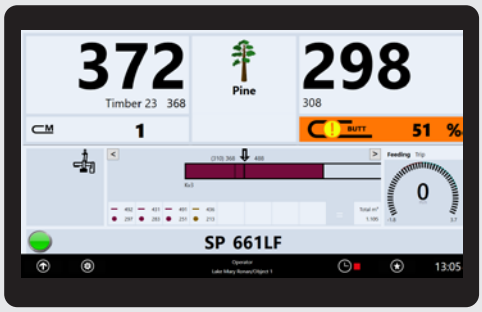

## H70

The Dasa H70 software optimizes the value (optimization bucking) of the logs based on a product value list and always cuts the highest value possible. With the Dasa H70 you are guaranteed a high productivity and yield.

- Maximum functionality – Optimization Bucking
- Fully StanForD 2010 integrated
- To be used if you operate in StanForD ecosystem
- Remote connection via TeamViewer
- Windows

## User friendly interface

The screen layouts are easy to follow and the key data is logically presented on large colour displays in real time.
With intuitive touch control it is easy to navigate the system and get all information you need such as current stem progress, production data and diagnostics.




All real time production data is clearly presented and easy to follow.

## Easy diagnostics

Uptime is critical to any operation. Dasa 7 control system make diagnosing faults quick and easy.

## Customized controls

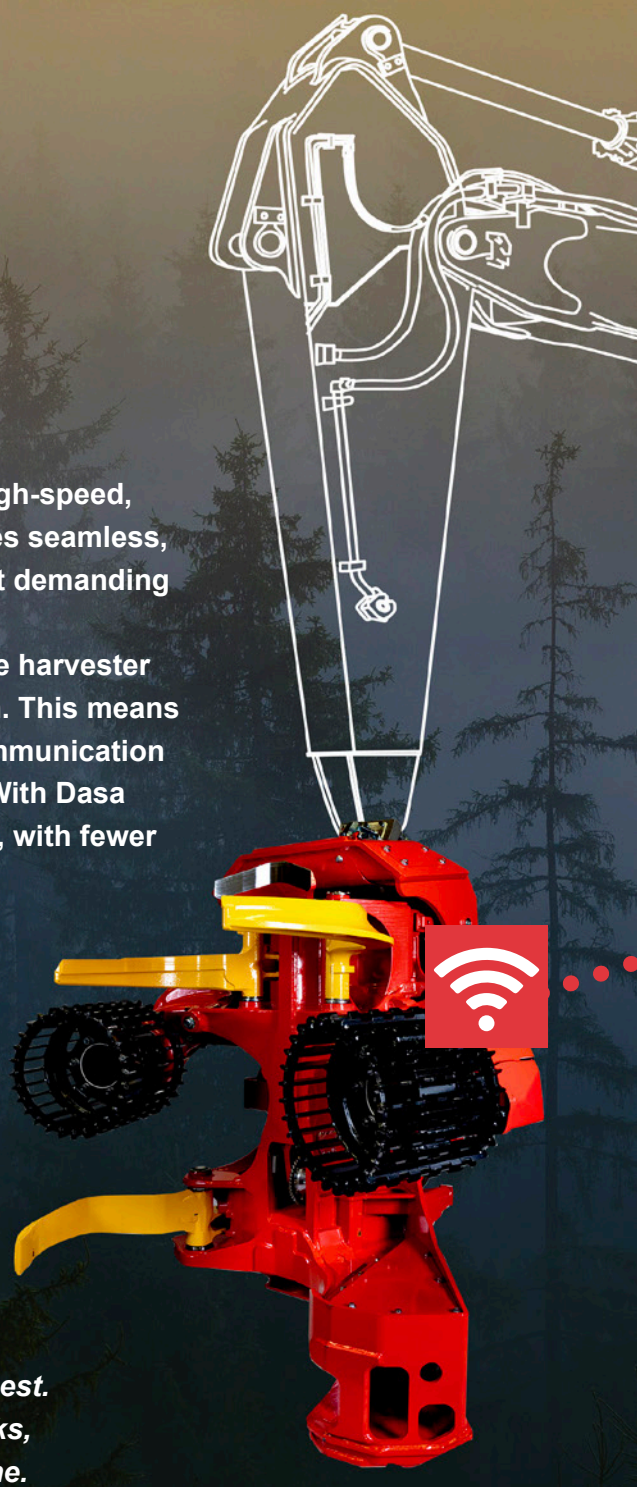
The system is highly configurable and can be customized for multiple operators.
Multiple password protected logins give each operator their own identity and each operator can get the settings they want.


The diagnostics screen including a map of the system.


***Monitor your SP harvester head with Dasa 7 and ensure maximum productivity.***

# Wireless

**By replacing fragile, failure-prone cables with a high-speed, ultra-reliable radio link, Dasa Wireless 1 guarantees seamless, interference-free communication, even in the most demanding conditions.**
**The radio module, installed in both the cab and the harvester head, allows for intelligent, real-time link selection. This means no manual adjustments, no lag, and no risk of communication loss, even in areas with high signal interference. With Dasa Wireless 1, your forestry operation runs smoother, with fewer disruptions and maximum efficiency.**



***Ensure that your SP head always performs at its best. With a wireless system, you never risk cable breaks, resulting in a more reliable and productive machine.***

## Why Dasa Wireless?

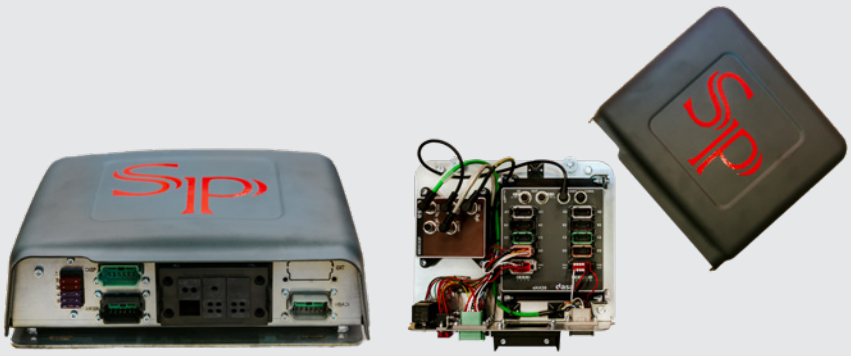
- Patented technology that redefines efficiency and reliability
- Eliminates downtime caused by broken cables—no more costly interruptions
- Delivers continuous, interference-free communication for seamless operation
- Designed for the extreme conditions of forestry
- Universal compatibility means easy installation and effortless integration with your existing setup
- Future-proof wireless technology—built to keep you connected, productive, and profitable

## SP Cabin box

Whichever system you choose, you can get it together with our SPd7 cab box. The Cabin box means that installing SPd7 cab modules can be done quickly, efficiently and in a way which ensures the highest level of quality. The box is fitted at the SP factory and is supplied completely ready for use, guaranteeing correct connection and problem-free set-up. Thanks to the electronics modules being fitted in a protective environment within the box, problems such as moisture, dust, dirt and knocks are minimised.

## SPd7 Cabin box – facts

- Dimensions: H = 120 mm, W = 340 mm, L = 307 mm
- Circuit breaker for welding work
- Safety switch in combination with door and ignition circuit breaker
- SPd7 cab modules are well-protected against dust, dirt and knocks
- Ensures correct fitting
- Saves time during installation
- Can be fitted either on the right or left-hand side
- All cable connections are contained within the box for the best protection
- All fuses to the SPd7 system are easily-accessible for simple troubleshooting



SPd7 Cabin box

Ignition circuit breaker, safety switch and control levers/pallets

## H50, H60 or H70 – which level suits you?

The Dasa 7 comes in three different levels of control, H50,H60 or H70. Below you can see what is included in the different levels and what distinguishes them. Choose between the different software levels to perfectly match your needs.

| Bucking | H70 | H60 | H50 |
|---|---|---|---|
| Value Bucking | X | | |
| Priority Bucking | | X | X |
| Priority Bucking "simplified without logging contract" | | | X |
| StanForD 2010 Import (pin, oin, spi, env) | X | | |
| StanForD 2010 Export (hpr, mom, hqc) | X | X | |
| StanForD Classic Import (apt) | X | X* | |
| StanForD Classic Export (prd, pri, ktr) | X | X | |
| Reports in PDF | X | X | X |
| Reports in CSV | X | X | X |
| Monitoring (CAN-signal from carrier) | X | X | |
| Schedule backup | X | X | X |
| Schedule reports | X | X | |
| Manuell calibration | X | X | X |
| Support for computer caliper | X | X | X |
| Remote support via internet (TeamViewer) | X | X | |
| Remote support via smartphone with cable connect | | | X |
| Remote support via Dasa Fleet (not on dOP20D) | X | X | X |
| Support for imperial measurement | X | X | X |
| Different color schemes in HMI (Night view) | X | X | |
| Customer design in HMI | X | X | X |
| Carrier information in HMI (Via CAN) | X | X | X |
| Hardware dOP45C/dOP50C (Windows) | X | X | |
| Hardware dOP20D (Linux) | | | X |
| Hardware dHMI10/dHMI12 (Linux) | | | X |
| Dasa Insight | X | X | |

*Apt-file created in Dasa Pbuilder

# Specifications

| General | dOP50C | dHMI10 |
|---|---|---|
| Weight | 2,5kg | 1,2kg |
| Temperature operation | -30 to +70 | -30 to +70 |
| Temperature storage | -40 to +85 | -40 to +85 |
| Protection class | IP30 | IP30 |
| Voltage supply | 10 - 30v DC | 11 - 30v DC |
| Power supply | max 60W | max 25W |
| **Computer** | | |
| CPU | AMD Ryzen 4x2.0 GHz v1404i 4x2,0 GHz (3,6 GHz) | i.MX8 QXP 4x1.2 GHz ARM Cortex-A35 |
| Memory | 16GB DDR4 2400 MHz | 2 GB LPDDR4 1200 MHz |
| Operating system | Windows 10 IoT Enterprise | Linux 5.4 or higher |
| Hard drive | 240 GB SATA III (6 Gbps)SSD | 8GB eMMC (internal, 3GB available for users) |
| Memory card | 8GB MicroSD | 8GB MicroSD |
| WiFi | 802.11 ac/abgn | N/A |
| Bluetooth | v4.1, v4.0 LE, | N/A |
| GNSS | N/A | N/A |
| Speaker | Stereo 2x2w | Mono (2W) |
| **Display** | | |
| Size | 12.1” | 10.1” |
| Resolution | 1280x800 | 1280x800 |
| Brightness (Nits) | 1000 | 1000 |
| Touch screen | Projected capacitive multitouch | Projected capacitive multitouch |
| **Connectors** | | |
| Power | M12 Power + Ignition Control + Status output 24v | M12 Power + Ignition Control + Status output 24v |
| CAN | M12 (1x Galvanically , 1x Not Galvanically | M12 (1x Galvanically , 1x Not Galvanically |
| Ethernet/LAN | 2x M12 (2 separate LAN) | 2x M12 (2 separate LAN) |
| USB | 8x USB A | 4x USB A |
| Display | 2 x DVI-D | |
| AUX | Molex Micro-Fit 3.0, 1 × COM RS232 (Rx/Tx only) | Molex Micro-Fit 3.0, 1 × COM RS232 (Rx/Tx only) |
| Size (WxHxD) | 313 × 206 × 50 mm | 259 × 180 × 37 mm |

| Available languages | |
|---|---|
| Dasa H50, H60, H70 | English, French, German, Portugese, Spanish, Swedish |

— ALWAYS AHEAD —

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