

SAWTEQ

S-65

Efficient panel cutting made simple.
The complete panel dividing saw for daily production.





SAWTEQ S-65

Efficient panel cutting made simple.

The SAWTEQ S-65 delivers precision from the first cut. Panels move steadily through the saw, producing uniform results on every job. The intuitive software keeps operation simple and efficient. Reliable cutting performance works together with comfortable, ergonomic handling. The design supports efficient energy use, and every essential function is integrated, creating a balanced solution for panel processing.

YOUR SOLUTION

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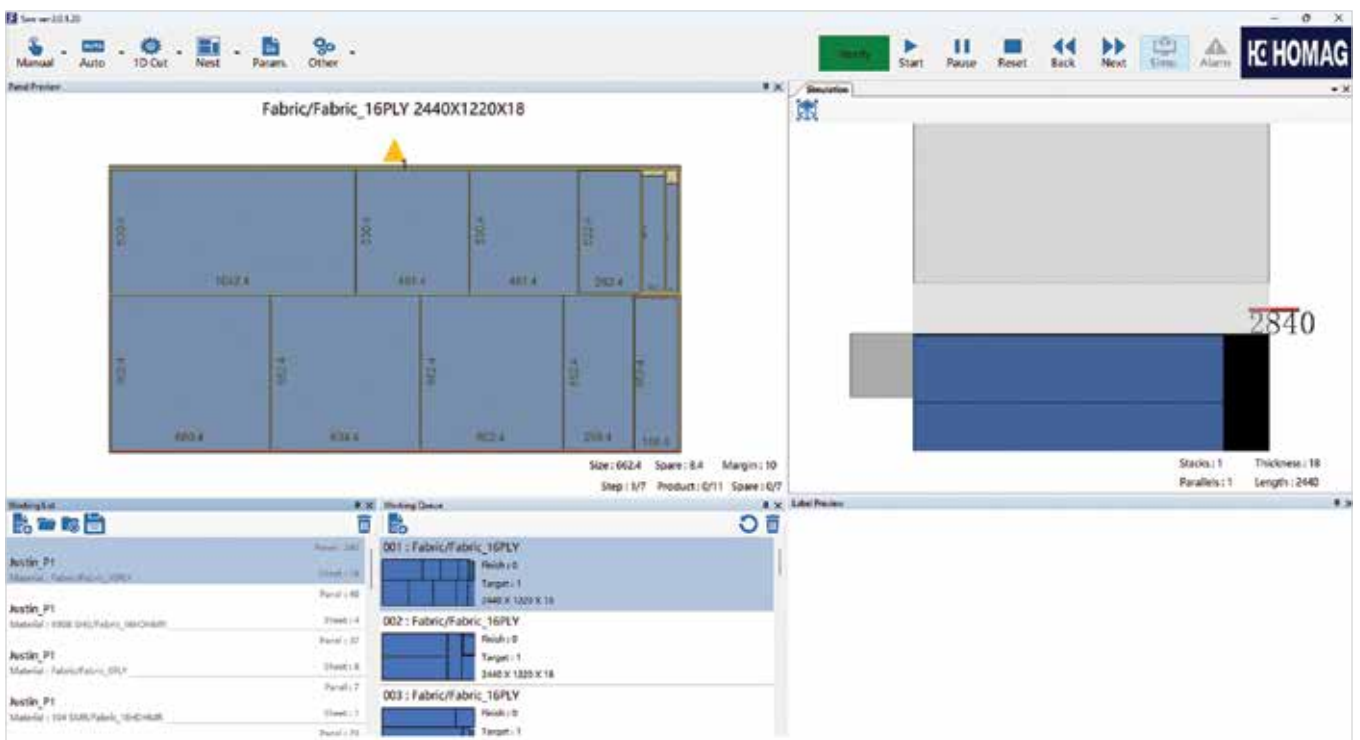
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CONTENTS

- 04 Software
- 08 SAWTEQ S-65
- 10 Standard features
- 13 Technical data
- 14 Life Cycle Services

All new software – CADSaw

CADSaw is the state-of-the-art, high-performance saw control system from HOMAG. A wide range of functions and easy to handle. The intuitive operating concept and clear administrative functions.



CADSaw - the change in perspective

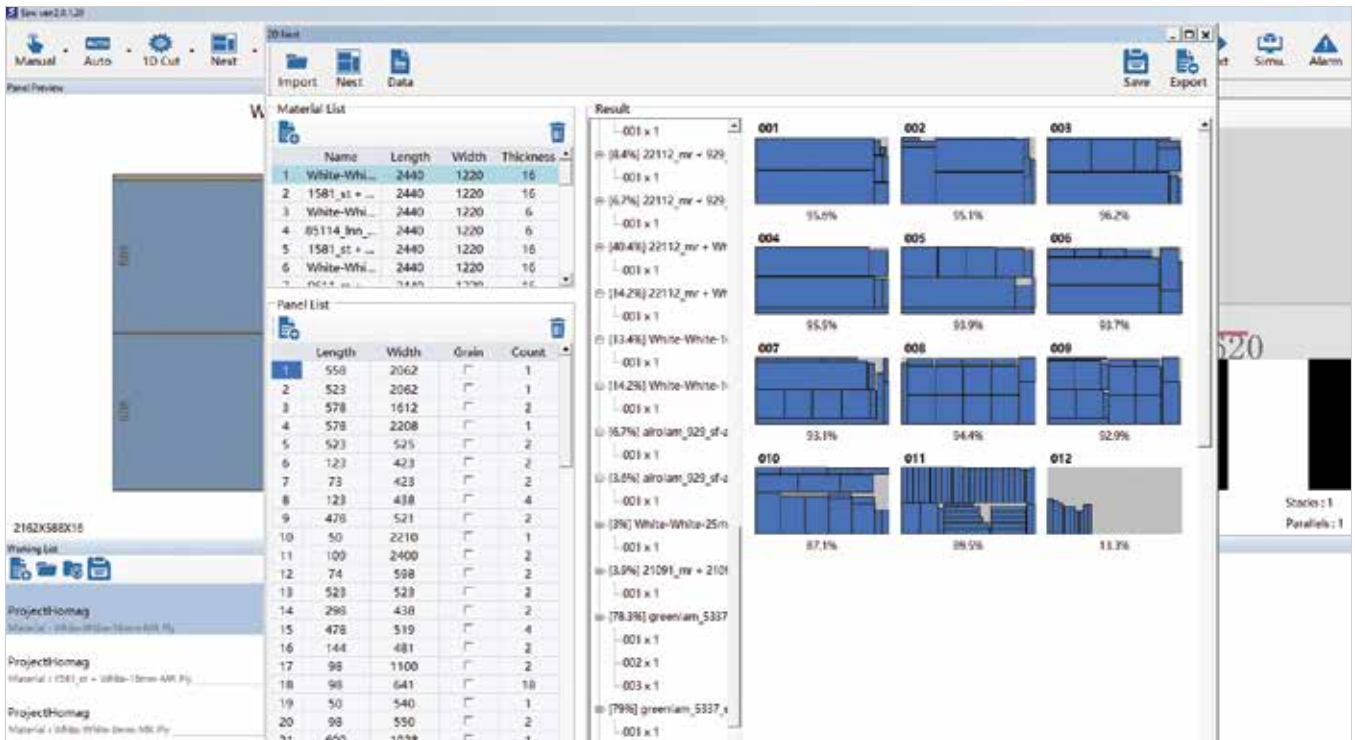
The latest generation of the HOMAG saw control system has an OGI (Operator Guiding Interface) assistance graphic that clearly shows the machine operator all the cutting steps in order. It can be operated intuitively, which shortens the training time and reduces errors to a minimum.

Simulation Mode:

Users have the option to activate Simulation Mode prior to initiating the cutting process. This mode offers a visual representation of the cutting sequence along with guidance on the correct orientation for positioning the board, allowing users to review and confirm the procedure in advance to enhance precision and reduce the risk of mistakes.

Highlights:

- Simple, intuitive and ergonomic machine operation thanks to the OGI assistance graphic
- This results in efficient processes and a steady output
- The system allows users to skip to the previous or next round of processing for improved control and flexibility.



Nesting mode – cutting pattern optimization within CADSAW

Our motto is “get more out of it.” That’s why HOMAG has taken cutting pattern optimization feature directly to the saw. The benefit to you is that you simply enter all the parts lists and panel lists for the current order in CADSAW, or import the required parts lists. CADSAW then promptly generates optimized cutting patterns, minimizing material wastage and making your company more productive. The ideal solution for small- to medium-sized orders

Apps and digital assistants.

Quick and easy support in your machine environment.

Some people still use pen and paper to create their cutting patterns. But they look at their smartphone if they want to know what the weather is like – instead of looking out of the window. We asked ourselves: why not combine the best of both? Our apps and digital solutions make your everyday work easier: machines, materials, tools, cutting patterns, components – you always have everything in your pocket or on your desk.

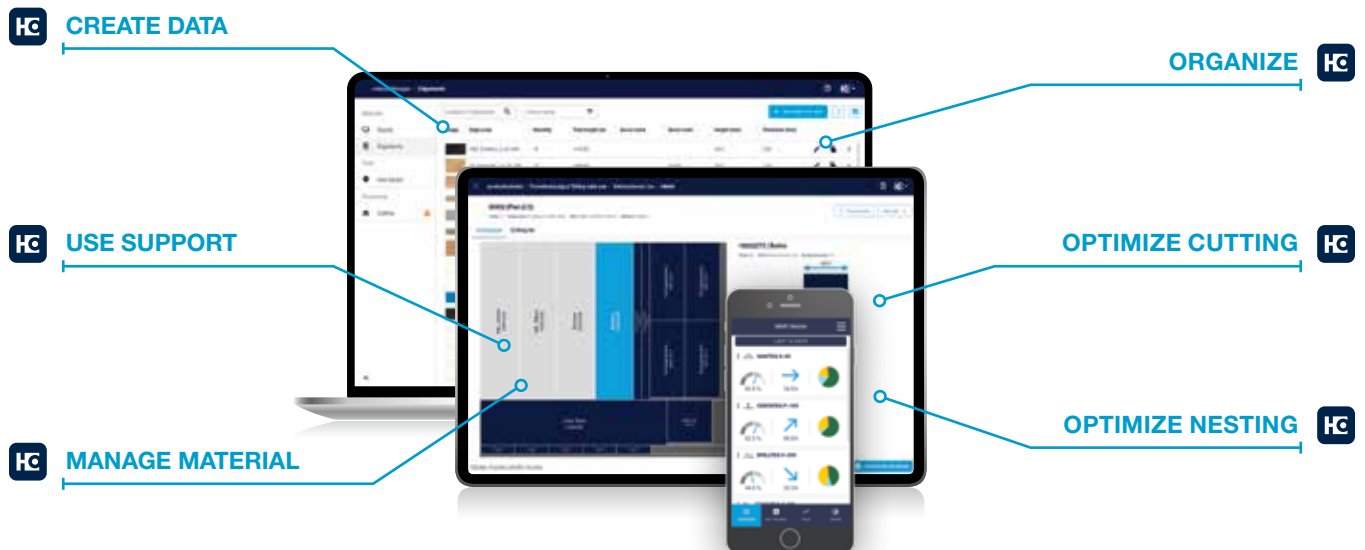


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WE HAVE DEVELOPED POWERFUL AND SMART SOLUTIONS FOR YOU:

- ✓ Always low investment
- ✓ Always up to date (no updates necessary)
- ✓ Always easy to use (no complex software)
- ✓ Always helpful



SAWTEQ S-65

Built for accurate cuts and efficient production.

The SAWTEQ S-65 delivers precise, clean cuts, ensuring consistent quality across every batch.

Clear, intuitive software keeps operation simple and efficient, enabling smooth workflows and minimal downtime. Panels move steadily through the saw, supported by stable construction and reliable feed systems. Ergonomic handling, reduced energy use, and straightforward controls contribute to a comfortable and productive working environment.

With dependable cutting performance and practical design, the SAWTEQ S-65 provides a balanced solution for furniture manufacturing, interior fittings, modular kitchen production, and office or commercial furniture projects.



HIGHLIGHTS

- **Precise Panel Cutting:** Clean, accurate cuts on wood-based panels with consistent quality in every production run.
- **CADSaw – OGI Operation:** Graphic guidance shows all cutting steps in order, making operation simple and reducing errors.
- **Simulation Mode:** Visual preview of cutting patterns before production to prevent mistakes and save material.
- **Nesting Mode:** Optimised cutting layouts directly in CADSaw to minimise waste and boost productivity.
- **Labeling with Part Graphics:** Labels with text, graphics, and barcodes created in sync with cutting for easy identification.



The SAWTEQ S-65 workstation – space-saving and efficient

The workstation of the SAWTEQ S-65 leaves nothing to be desired in terms of ergonomics, safety and efficiency. This enables smooth work processes and easy parts handling.

- 1** Side pressure device - precise cutting, improved process quality
- 2** CADsaw- intuitive operation, next step visualization
- 3** Air tables fully air cushioned – easy moving of board, single sheet and books.



Standard features — We've thought of everything!

Low-maintenance, ergonomic, gentle on materials, powerful and process-optimized: The SAWTEQ S-65 owes these and many other features to impressive basic technical equipment.



Saw carriage with Power-Loc

- Maximum running smoothness, high precision and low energy
- Consumption characterize the new saw carriage
- Torsion-resistant, solid and resilient basic construction of the steel
- Plate housing for maximum dynamics and precision
- Permanently precise saw blade projection
- Low-noise and maintenance-free drive
- Light scanner cleaned with brush
- Power-Loc system: quick and easy saw blade change



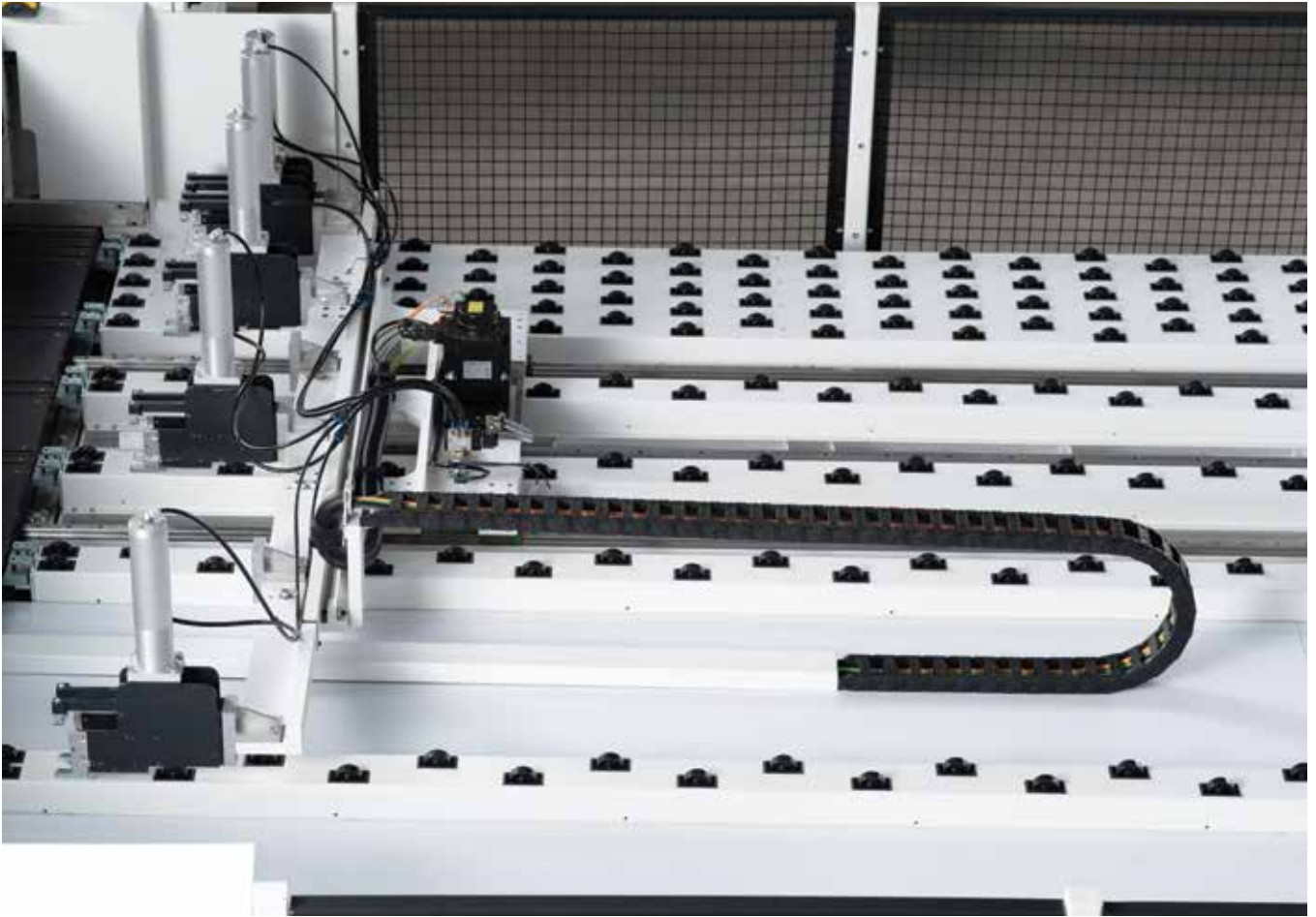
Central side pressure device

- Integrated directly into the saw carriage. This reduces the cycle times by up to 25% in comparison with conventional systems.
- The contact pressure is infinitely variable – ideal for thin panels, laminates or sensitive materials.



New: Fulfill the design requirement

Cutting narrow strips down to 35 mm to ensure that the factory can satisfy various design requests and customer needs.



Clamps: perfection down to the last detail

- The robust HOMAG clamps position the material carefully and precisely at the cutting line.
- The upper fingers of the clamps do not exert any leverage regardless of the package height; instead, they lower themselves horizontally and with the entire contact surface onto the material. This increases the penetration depth and ensures a firm hold
- Designed for continuous multi-shift operation

Rugged pressure beam for first-class cutting quality

- Large-area pressure zone directly at the cutting line reduces material vibrations to a minimum
- Toothed rack and pinion ensure the necessary parallel adjustment

Program fence for precision and dimensional accuracy

- Resistant to torsion and bending
- Electronically controlled
- Precision guidance

TECHNICAL DATA*

Model	SAWTEQ S-65
Saw blade projection (mm)	60
Cutting length (mm)	2,900
Clamps	5 (optional up to 2 more)
Saw carriage speed (m/min)	0-30
Program fence speed (m/min)	30**
Operating software	CADSaw
Operating system	Windows
Monitor	24" Full HD display
Main saw motor (kW)	5.5 (7.5 as an optional)
Main saw blade (mm)	300 x 4.4 x 60
Scoring saw blade (mm)	150 x 4.4 - 5.25 x 45
Average total air requirement (NI/min)	100
Dust extraction system (m³/h)	2,600
Required compressed air supply 6bar	6bar

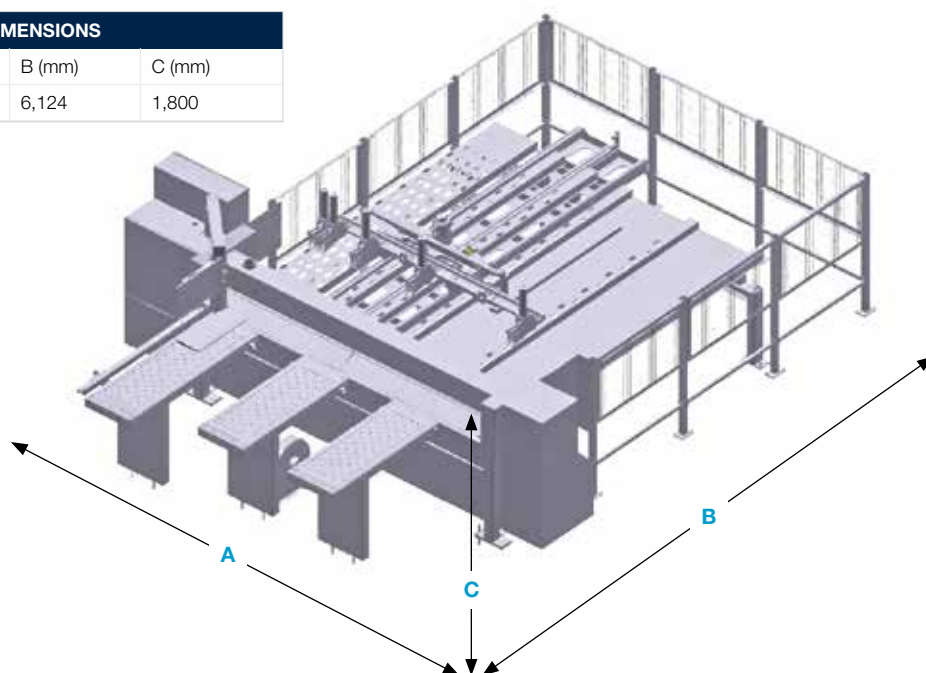
* Values relate to the standard features

** Forwards 20 m/min

*** Dim. A: incl. 64 mm for extraction connection, dim. C: standard program fence width

MACHINE DIMENSIONS

A (mm)	B (mm)	C (mm)
4,630	6,124	1,800



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Our Mission, Your Performance.

LIFE CYCLE SERVICES

Improved performance, more efficient processes, faster help, assurance of availability and smarter working

TEAM & COVERAGE

Largest global service network in the industry with over 1,350 personnel.

INSTALLATION & COMMISSIONING

For a smooth start, we only let proven experts manage your setup.

OPERATION & CONTROL

After teaching your personnel the intuitive control system, our clever apps help to make the operator's life much easier.

MAINTENANCE & SERVICING

To keep things running, we're happy to take a preventative approach. You decide how often and how intensively you want the support to be. As we all know, prevention is better than the cure.

eSHOP & ONLINE ADVANTAGE

A few clicks and it's fixed. Receive exclusive advantages by ordering spare parts online, depending on market availability. shop.homag.com

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When there's an emergency, we're here. Direct by phone, digitally via app or video, or with on-site support. We are close to you with over 90 regional service organizations worldwide. With more than 35,000 spare parts immediately available, we can deliver 85% of your orders fast.

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With classroom, live online or eLearning training, we offer flexible options to help you get knowledge. We conduct over 4,000 customer training courses every year, and we even have our own training centers in 19 countries

MODERNIZATION & IMPROVEMENT

Our modernization program is tailored to your machines and processes. We can evaluate your data and situation and advise you on the next step.



Fast support:
94% resolution rate
via our hotline

Close to you:
1,350 service experts worldwide

We get things moving:
Over 1,000 worldwide spare parts
shipments each day

No one else has that:
Electronic documentation on over
150,000 machines, available in 28
languages



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