

SAWTEQ S-180

Performance tailored to your needs.
Our panel dividing saw





SAWTEQ S-180 – an efficient saw at a low price

Special requirements demand special solutions. That is why HOMAG has developed a panel dividing saw especially for Asia, the SAWTEQ S-180. This saw offers an optimum price/performance ratio, boasts impressive precision and can be flexibly tailored to your requirements.

YOUR SOLUTION

CONTENTS

- 04 SAWTEQ S-180
- 06 Software
- 07 Standard features
- 09 Optional features
- 10 Technical data
- 11 Service

SAWTEQ S-180

Whoever wants to have the edge over their competitors needs a panel dividing saw of unrivaled efficiency, offering reliability and high throughput at a competitive price. The SAWTEQ S-180 boasts precisely these strengths.

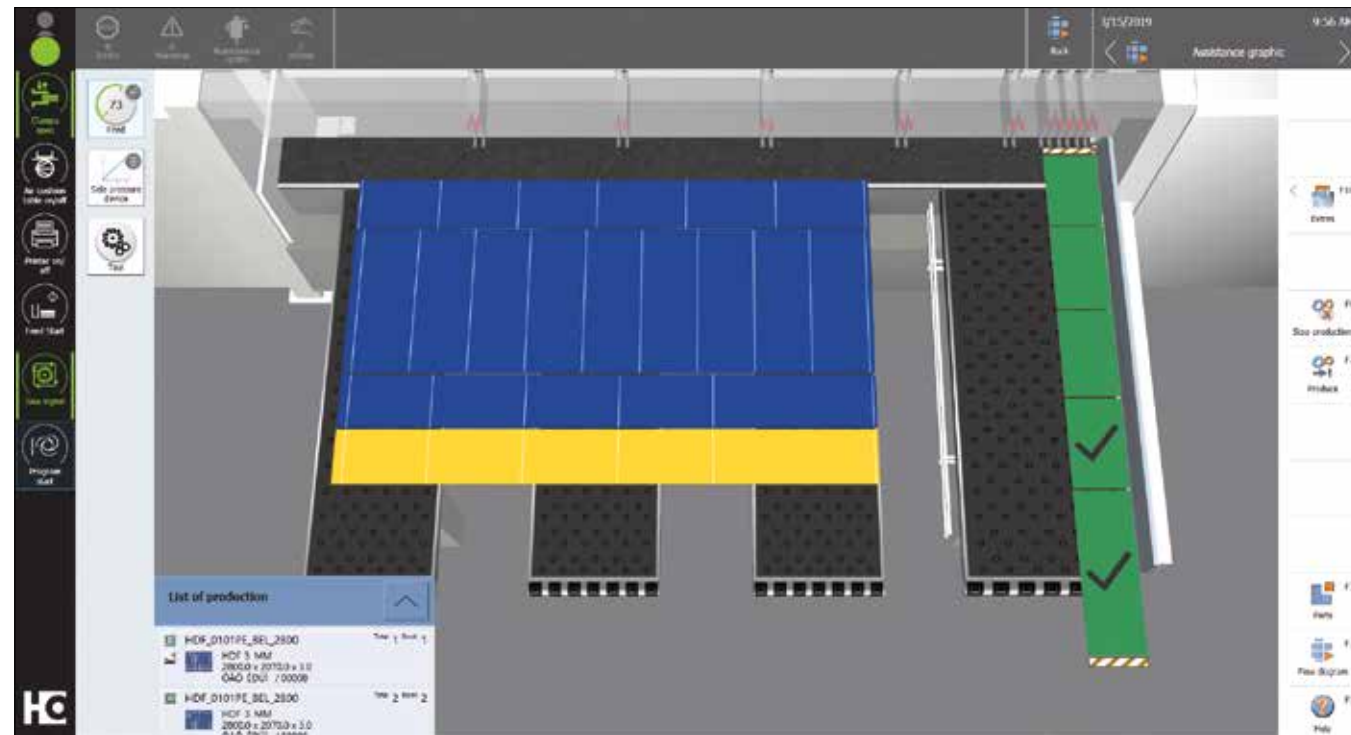
The highlights

- Improved safety equipment
- Scoring saw adjustment now motor driven



CADmatic saw control system – time-tested and pioneering

The SAWTEQ S-180 is controlled by our proven CADmatic software. All saw models are equipped as standard with CADmatic 5 – the latest generation of the HOMAG saw control system.



CADmatic 5 – the change in perspective

The latest generation of the HOMAG saw control system is open for data exchange and digital networking with other machines and software solutions. CADmatic 5 also includes a new assistance graphic that clearly shows the machine operator all the steps in order. Compared to the previous process graphic that showed all the work steps of the saw (and can still be called up if required), this new graphic represents a 180-degree change in perspective!

Highlights:

- The 3D assistance graphic supports the operator directly at the saw and is intuitive to operate, which shortens the training period and reduces errors to a minimum
- This results in efficient processes and a steady output
- 24" full-HD multi-touch display in widescreen format is easy to use by swiping, scrolling and zooming
- Uniform operating concept thanks to the powerTouch user interface (see powerTouch page 6)
- All HOMAG saws with CADmatic 5 are automatically tapio-ready

Find out more in the "CADmatic" brochure.

Standard features – everything has been thought of

Low maintenance, ergonomic, material-friendly, powerful and optimized processes: these are but a few of the good qualities that the SAWTEQ S-180 owes to its remarkable set of standard technical features.



Saw carriage with Power-Loc

Exceptionally quiet operation, high precision and low energy consumption are the hallmarks of the new saw carriage.

- Torsion-resistant, rugged and resilient basic design of the steel plate body for maximum dynamics and precision
- New: motor-controlled scoring saw adjustment
- Infinitely variable feed speed – for precision cutting of demanding materials
- Long-term accuracy of saw blade projection
- Low-noise, maintenance-free drive unit
- Light sensor cleaned by brush
- Power-Loc system: quick and easy saw blade change



HOMAG patent: central side pressure device

- Integrated directly in the saw carriage. This reduces 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



Clamps: perfection down to the last detail

- Robust
- Gentle positioning of material
- The short, rugged design allows material to be precisely held and guided more gently
- Irrespective of the book height, the top fingers of the clamps do not exert any leverage; instead, they are lowered horizontally and their entire contact surface rests on the material. This increases the working depth and ensures material is held firmly
- Designed for continuous, multi-shift operation

Rugged pressure beam for first-class cut quality

- Large-area pressure zone directly at the cutting line reduces material vibrations to a minimum
- Rack and pinion ensure the necessary parallel adjustment
- This results in accurate, clean cuts, for books too

Program fence for precision and dimensional accuracy

- Precision and dimensional accuracy
- Resistant to torsion and bending
- Electronically controlled
- Precision guidance
- Electromagnetic measuring system guarantees a positioning accuracy of +/- 0.2 mm per meter
- Measuring system involves no wear and no maintenance



Greater efficiency, fewer errors: label printer

The label printer from HOMAG allows you to print customized labels directly at the saw and design them to include bar codes, text and graphics if required. If you also use our Cut Rite optimization software, the material goes directly to the next process step with printed instructions. In this way, you can integrate the saw perfectly into your production flow.

You would like to buy your printer yourself? We can provide the platform for you.

Optional features: increasing productivity with the appropriate cutting optimization software

Production time, material yield, parts handling and logistical process: efficient panel cutting with seamless processes requires intelligently optimized cutting patterns. For HOMAG saws, you can get the appropriate optimization solution on demand – from large to small, as permanently installed software or directly from the tapio cloud. You have the choice because the SAWTEQ S-180 with lifting table is now tapio-ready.



intelliDivide – the easy way to first-class optimization results

Simply upload the parts list. Done! The result? A choice of several alternatives for cutting patterns and entire runs. That's how easy intelliDivide makes it.

In detail: the cloud-based optimization software intelliDivide utilizes significantly higher computing capacities than are available for locally installed optimization software and can therefore swiftly provide the user with several alternative optimization results.

This means that with intelliDivide the operator can choose from a variety of options, including results based purely on reducing waste, on the shortest machine time or on the simplest handling, perfectly adapted to the relevant requirements.

Applications are varied and are geared toward both the trade and industry.



CADplan

As an alternative to the comprehensive Cut Rite optimization software, CADplan, an add-on module for CADmatic, can also be used to perform small optimization jobs directly at the saw.

Cut Rite cutting optimization software

Efficiency through planning: this short phrase sums up the key benefits of the Cut Rite software. With this world-leading software solution, you can optimize waste and systematically lower the overall costs for cutting.

Highlights

- Seamless, precise and highly efficient processes ensure optimized project control
- Efficient cutting processes which can be individually adapted to your production processes by means of parameter settings
- Full cost control within the cutting process: material costs and processing time are calculated automatically when the quotation is prepared
- Faster calculations by using all the processors in the PC
- Simple handling: clearly structured, easy to operate and graphics display the information

Find out more in the "Cut Rite" brochure.

VALYOU

Our Mission, Your Performance.

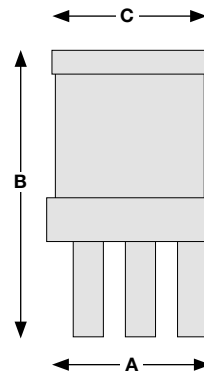
TECHNICAL DATA*	
Model	SAWTEQ S-180
Saw blade projection (mm)	95
Cutting length (mm)	3,200
Clamps	6 (option of up to 1 more)
Saw carriage speed (m/min)	up to 120
Program fence speed (m/min)	70**
Operating software	CADmatic 5
Operating system	Windows
Monitor	24" TFT flat screen monitor
Main saw motor (kW)	13.5
Scoring saw motor (kW)	2.2
Main saw blade (mm)	380 x 4.4 x 60
Scoring saw blade (mm)	200 x 4.4 - 5.4 x 45
Average total air requirement (NI/min)	150
Extraction system (m³/h)	3,350 (26 m/sec)
Total Connected load	20.9 KW

* Values relate to the standard version

** Forwards 25 m/min

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

MACHINE DIMENSIONS***			
SAWTEQ S-180	A (mm)	B (mm)	C (mm)
S-180/32/32	5307	6397	3582



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

HC LIFE CYCLE SERVICES

Improved performance, more efficient processes, faster help, assurance of availability and smarter working.
VAL YOU comes from VALUE ADDED. Our objective is derived from this name: We create added value for your business by helping you get the most out of your processes. Every day.





HOMAG Group AG

info@homag.com
www.homag.com

YOUR SOLUTION