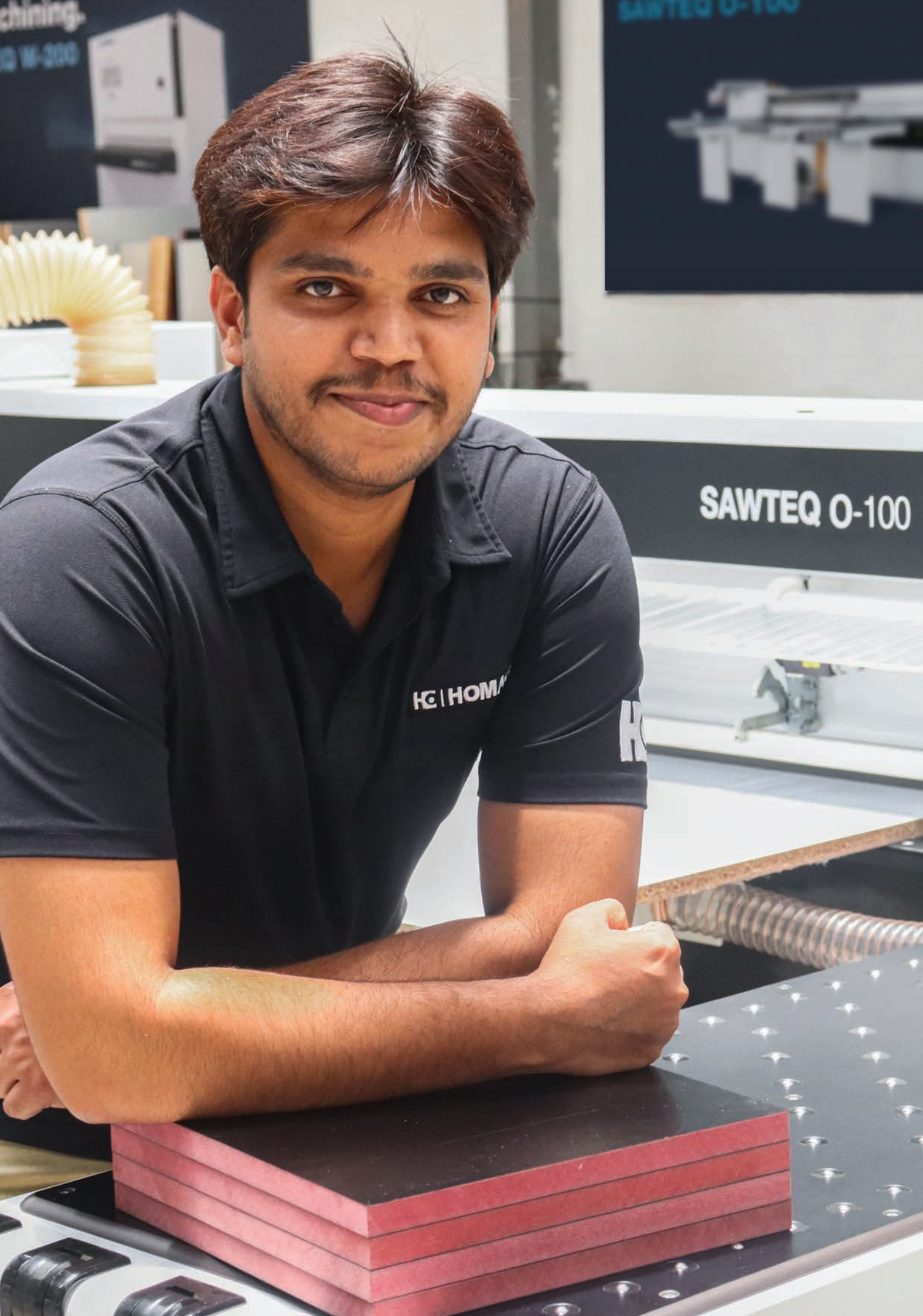


# SAWTEQ O-100

**Simply better, right from the start.**

For a more precise and efficient cutting process.





## Panel dividing saw SAWTEQ O-100

Top quality at the best possible price: the smallest saw in the HOMAG range is equipped with everything you need for cutting single panels and small batches. The SAWTEQ O-100 panel saw costs hardly any more than a well-equipped sliding table saw, while providing a much more precise and efficient cutting process. A clear material flow around the saw and material handling working at the saw further increase the capacity. Digital assistance helps the operator to do the perfect cut. This is achieved by proven HOMAG technologies. In short, the SAWTEQ O-100 panel-sizing saw makes it easier than ever for you to ease your way into the world of precision manufacturing.

### YOUR SOLUTION

### ALL FROM ONE SOURCE FOR THE INDIAN MARKET



For all sales enquiries ring **+91 80 6949 5656**  
If you have any questions or you are uncertain  
as to who you should contact, please email us.  
[Info-India@homag.com](mailto:Info-India@homag.com)

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## Small but powerful – the SAWTEQ O-100

Compact size, sturdy design and equipped with proven HOMAG technologies. In short: the SAWTEQ O-100 is a panel dividing saw that ideally meets the requirements of ambitious craft businesses.



## Highlights

- Saves time and space, is very ergonomic and enables safe operation
- Processing of a stack of two boards at once enables high productivity with precision, cutting quality and angular accuracy
- Low maintenance costs due to the fact that the design has a small number of wear and tear parts
- Automatic cutting feed: Only two operators are required
- Strong efficient suction in the saw carriage for good dust extraction
- Cutting Production Set for optimized digital assistance (optional)
- Smooth movement by air table and perfection in measurement by DRO





# Standard features

As standard, HOMAG equips the panel dividing saw with everything you need for high precision cutting of single panels and small series. This saves you having to evaluate various technical solutions and you can start using your new HOMAG machine straight away. It doesn't get easier than that.

## Saw machine to cut panel-shaped materials with high dimensional accuracy & chip free cuts

- Manual workpiece loading & unloading
- Lateral travelling saw carriage towards the angle fence
- Pneumatic pressure beam for workpiece clamping



## Safety flaps with trip bar

- First level safety in both front & rear by way of plastic flap curtain
- Flaps open only to the length of the workpiece. The rest of the area is closed, preventing accidental hand insertion by the user
- If safety beam is lifted up, (due to accidental insertion of hand by the user) during clamping cycle, the feedback sensor reverses the clamping cycle and stops the machine, preventing serious injury to use



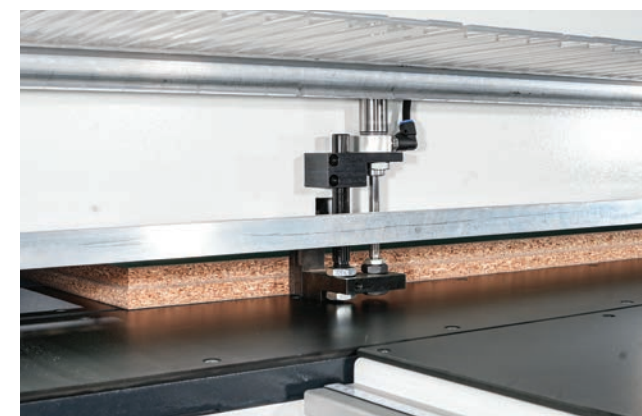
## Pressure Beam

- Pneumatically operated pressure beam for high quality, high precision chip free cuts
- Clamp surface lined with special gripper material enables no panel movement
- Effective and damage free clamping ensured



## Front / Rear angular fence with Precision DRO Stoppers

- Aluminum profiled fence, precisely machined for maximum geometrical accuracy in cutting
- Precision digital read out for best dimensional accuracy



## First cut devices

- For quick formatting of the first edge of the panel
- 2 first cut devices on either side of the pressure beam



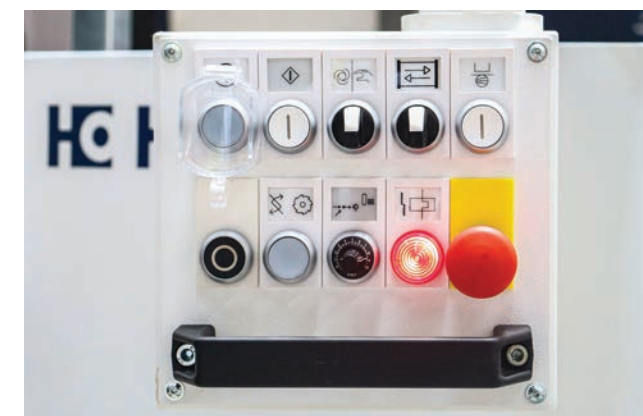
## Large Workpiece tables

- 3 tables each in front (infeed) & rear (outfeed) side which enables a circular process infeeding the panels from the front and the strips from the back
- Front air table with separate air blower for ease of handling large to small sized panels without scratching
- Allows stress-free and easy work piece handling with ergonomic and user friendly handling of large workpieces



## Longitudinal fence

- 2 longitudinal fences on the rear tables for longer width workpieces
- User friendly stoppers with magnifying glasses & high quality steel scale for ease of positioning



## Control panel

- Ergonomically designed control console mounted on a swiveling pendant
- Can be operated from both front and rear side of the machine
- All controls within easy reach of the operator



## Saw carriage

The saw carriage is a robust steel construction with a main and a scoring saw

- Maintenance-friendly; one motor for the main and scoring saw
- Innovative system for raising and lowering the main and scoring saw blades
- Excellent work results, accurate and precise



## Cutting Production Set: The Cutting Assistant

### Cutting optimization & label printing for ANY saw.

Our cutting assistant supports you in optimizing your cutting patterns, in labelling the parts and in the cutting process on your manual saw. Simply optimize your cutting patterns with a click and transfer them to the app on your tablet in the workshop. There, you work through the cutting pattern with the help of a clear display in the app – and print an individual label for each part. This way, each workpiece has all the info for subsequent processing. The assistant was developed for use on ALL sliding table saws, vertical saws or horizontal panel saws - regardless of type, age or manufacturer.

### Advantages

- **Flexible:** Can be used for existing cutting saws – e.g. sliding table saws, vertical saws or horizontal panel saws. Regardless of the manufacturer, the age of the saw or the model.
- **Save material:** Optimized cutting patterns can be transferred from the “intelliDivide Cutting” optimization software to the app “productionAssist Cutting” with a simple click. This significantly reduces material consumption.
- **Integrated processing data:** Label printing to identify the sawn parts directly on the saw (also for circular saws, vertical saws and older machines). Thus, from the very beginning, every workpiece has all relevant information. This includes, for example, the job name, information on the component and edge banding, or up to two QR codes for the CNC programs.
- **Complete overview:** You always know which parts have already been sawn and receive a proposal for the next part to be sawn (guided manual cutting).
- **NEW – Reuse of offcuts:** Offcuts can be labeled simply with a click and registered for reuse in the next optimization. This not only saves time, but also reduces material costs.

## Optional features

Businesses aiming at growth and dynamic development are optionally equipped with Production Cutting Set in the SAWTEQ O-100 which includes the following applications:

- “IntelliDivide Cutting” (Cutting optimization)
- “ProductionAssist Cutting” (Assistance for manual guided cutting)
- “MaterialManager” (Central material management)

Even the smallest HOMAG saw can be easily and flexibly expanded if required. oriented and economic solutions that allow you the best possible production results - solution-oriented and individually tailored to your meet your specific needs.



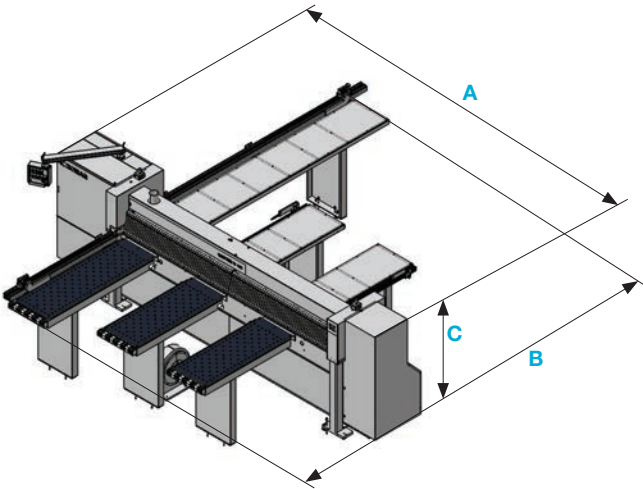




SAWTEQ O-100 - Top quality at the best possible price.

SAWTEQ O-100	
Saw blade projection	60 mm
Cutting length	2,900 mm
Working height	920 mm
Saw carriage speed	0 to 30 m/min
Main saw blade	300 x 4.4 x 60 mm
Scoring saw blade	150 x 4.4-5.25 x 45 mm
Main saw motor	5.5 kW (7.5 kW as an option)
Connected load	8.5 kW (11.5 kW as an option)
Required compressed air supply	6 bar
Air consumption	100 NL/min
Dust extraction port size	2 ports Ø 160 mm and Ø 100 mm
Extraction system	2,600 m³/h
Machine weight	1,500 kg (Approx.)
Air blower volume	1,000 m³/h

MACHINE DIMENSIONS		
A	B	C
4,550 mm	5,085 mm	1,540



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**We get things moving:**  
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languages

## 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.



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