

# SATURN Digital Printing Line

Industrial inkjet as plug and play  
for the woodworking industry.

A breakthrough  
in manufacturing  
digital decor paper

Designed  
for your needs.



[www.hymmen.com](http://www.hymmen.com)

**Hymmen**



# SATURN Digital Printing Line – *A breakthrough in manufacturing digital decor paper.*

## Technology

SATURN is an industrial digital printing line with water-based inks that can be integrated into customers' existing production processes. It is a standard machine that offers printheads, ink, and printing at the desired resolution for an affordable price. SATURN guarantees efficient decentralized production at the expected quality level. It is a breakthrough in the production of digitally printed decorative paper.

The SATURN is designed to move the printing process closer to the end of the production chain. Different to many other applications, SATURN is focused on the real needs of a production site, matching the needed volumes and facilitating all the benefits of digital printing. Lower energy consumption, easier paper drying and better reliability due to reduced complexity are the positive side effects.

## Technical data

### Printing speed

- 15 – 35 m/min

### Effective working width

- 700 / 1.400 / 2.300 mm

### Printing colour system

- water-based decor inks
- extendable to 8 colours
- standard 4 colours CMYK
- additional colours possible

### Resolution

- 600 or 1200 dpi

### Printhead type

- Ricoh MH5421 MF

## Advantages

- Decentralized, more flexible in terms of design for both small and large batches
- Not primarily focused on replacing analog technologies with digital ones
- Minimal storage of decorative papers through just-in-time production
- Lower investment volume and production cost
- Capacity is balanced to the throughput of the pre- and post-processing

Owing to the partnership of two established companies in the digital printing market and their combined expertise, Hymmen and Ricoh are your ideal partners for tomorrow's water-based digital printing.

**RICOH**

**Hymmen**

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