



WALLPAPER PRINT ON DEMAND

Higher margins through automated wallpaper production

From traditional screen printing to individual digital printing of wallpaper – many print service providers, including a large European wallpaper manufacturer, are currently making this change. The print service provider, which wishes to remain anonymous so as not to jeopardize its market advantage, also digitized its entire production workflow in the process, thereby achieving faster and smoother processes.

Challenges become strengths

Seamless processes

End-to-end, automated digital workflow replaces previous analog workflow with paper order pockets

96,5% faster production

Lead times per order reduced from an average of three days to 2.5 hours

60% savings in storage capacity

Demand-driven production eliminates the need for expensive storage space and thus saves costs in the long term

Flexible production

Easier individualization of products through flexible, automatic processes regarding artwork, wallpaper width, wallpaper length, etc.

More efficiency through automated processes

Label with wallpaper information

A label is automatically generated for each order and each wallpaper web, which contains order-specific information such as article and production number, necessary wallpaper symbols, barcodes, thumbnails of the artwork.

Composition of wallpaper webs

Patterns / panels are arranged software-based as a web so that they can be produced and cut fully automatically.

Relieving the RIP

Nesting of the individual webs already takes place before the RIP. This eliminates manual processing time, significantly reduces the load on the RIP and increases throughput.

Calculation of the wallpaper webs

Dynamic web calculation from freely configurable artwork sizes.

Initial situation with conventional processes

- High inventory, causes high costs
- Analog and thus manual, error-prone and time-consuming work steps
- Change from traditional screen printing to digital print production on demand (short run) also requires an adjustment of the production workflow
- Flexible wallpaper web widths not possible
- Individualization only possible with high manual effort, e.g. printing of images, wallpaper on demand
- Production peaks are very irregularly distributed, therefore the number of jobs / day varies greatly

Advantages through digitized, automated processes

- ✔ Flexible digital printing workflow enables production on demand
- ✔ Automated print file preparation ensures error-free production
- ✔ Smooth end-2-end workflow through direct connection of the workflow management system to the file input and production machines
- ✔ Flexible calculation of wallpaper web widths
- ✔ Individualization and personalization are automated by variable data printing and digital job tickets
- ✔ Intelligent assembly lines mean that highly fluctuating incoming orders are no longer a challenge

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