

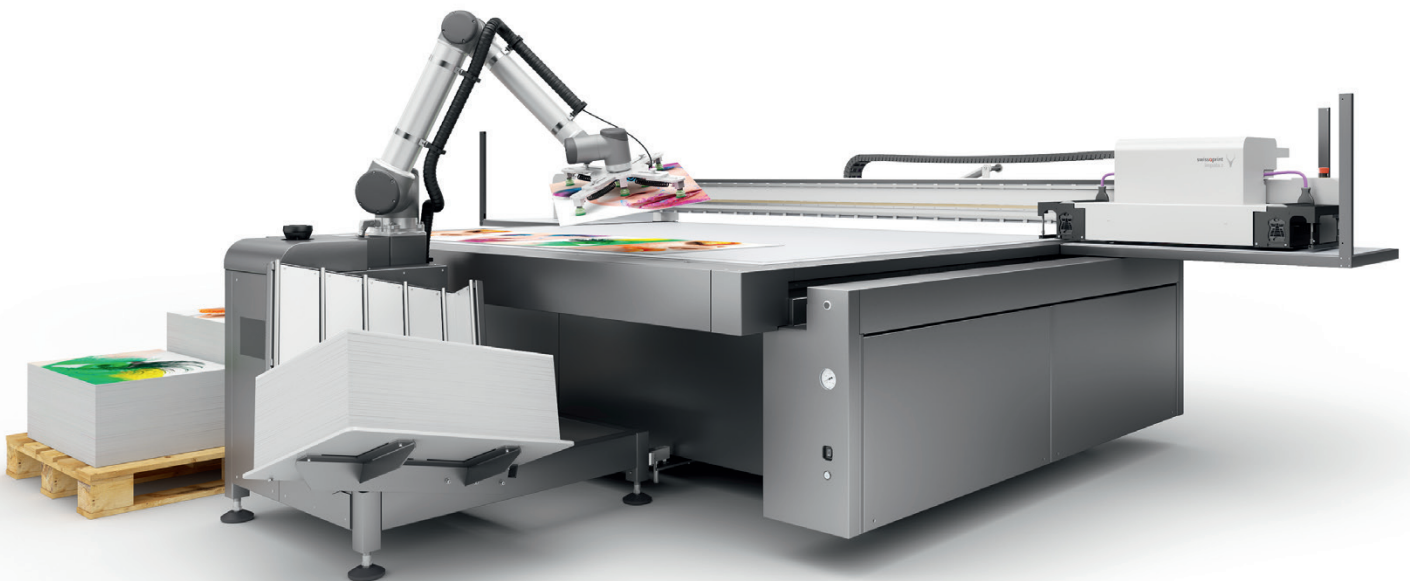
A new solution from swissQprint allows unattended printing. Robot and large format printer work extra shifts together and unburden personnel from routine tasks.

Rob

The new robot loads and unloads media onto swissQprint flatbed printers. Practically any sufficiently rigid material with a non-porous surface can be handled. Just a few simple steps and within ten minutes Rob is docked to the printer and ready to go. Another few mouse clicks to set up the job and then things can get started - without headaches or additional effort. Because this is where the output software takes over. It communicates both with trainable Rob and the printer.

The operator can easily switch to other tasks in the meantime, or even go home for the evening. Rob and the printer handle the extra shift all by themselves. It doesn't get less complicated or more reliable than that. Rob is ready for action 24 hours a day, 7 days a week. He takes care of routine work uncomplainingly - with consistent precision and high efficiency. Rob even gets higher utilisation out of every swissQprint machine. Customers benefit from shorter delivery times, while providers earn higher returns.

And if there are jobs where Rob cannot help out, he is happy to be stashed away in a small corner until the next deployment. Either way, the large format printer remains accessible at all times.



Assisted by Rob, every swissQprint large format printer gains even greater efficiency and productivity.

Case study

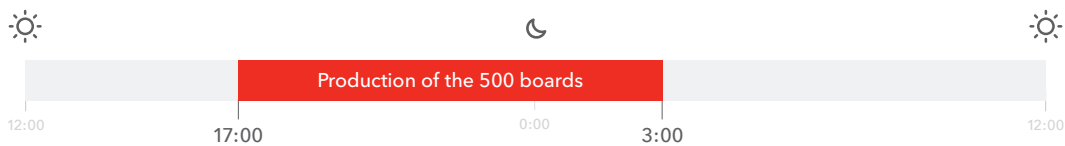
Alex operates an Impala 2. He has dealt with various jobs today: a multi-panel construction sign board, various roll jobs and a few short runs - all different dimensions. It is shortly before closing time when he receives an urgent order from a jewellery retailer. 500 promotional posters need to be printed. The perfect job for Rob.

So, before Alex leaves for the day he sets up the job:

Substrate: 1 mm thick and 500 × 700 mm large PVC foam boards

Number of boards: 500

Printing mode: Quality mode (48 m²/h)



The stack is done in 10 hours. In other words, Rob and Impala 2 have taken over a night's shift without supervision. Next morning, Alex delivers the posters well in time and the customer is impressed by the quality and processing time. Alex happily gets back to the print shop where a number of different jobs are awaiting him.

Conclusion

The company increases its productivity with the same number of staff. Impala 2 is used at high capacity and paid off within a short period of time.

Technical specifications

Rob is compatible with every swissQprint large format printer running a suitable version of the Amber software. Sensors monitor his operating radius making security barriers unnecessary. Rather than that the printer is accessible at any time.

Substrate dimensions	maximum 700 × 1000 mm
Substrate thickness	maximum 50 mm
Stack height	maximum 500 mm
Substrate weight	maximum 7 kg per board
Robot dimensions (L×W×H)	1464 × 1178 × 1752 mm
Power connection	Powered from the printer
Power consumption	maximum 500W

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