

In tandem operation, machine and operator join forces for continuous, non-stop action: maximum productivity of the system, fitness training for the staff.

Tandem

The principle is straightforward: media can be loaded onto the printing table from both the front and rear. While printing is underway on one side, the operator loads the other side, and vice versa - so work continues without interruption.

The vacuum table has front and rear sections, both with the usual continuous adjustment. A side benefit is that the rear section can be shut off when normal jobs are being printed on the front section only - no masking needed.

This technique brings huge time savings, especially with the Step & Repeat and Shadow files printing modes. Workflow optimisation is also an important factor here, helped along by "hot folders". These contain predefined RIP-related processes, so the appropriate steps execute automatically when you drag a file to one of these folders. In the best-case scenario, all an operator has to do is confirm that the machine is loaded, and printing starts.



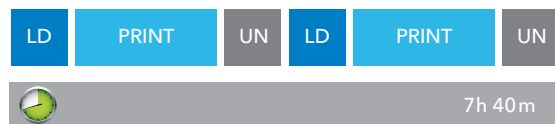
Tandem operation means pure efficiency. Standard with Nyala, optional with Oryx and Impala.

Case study

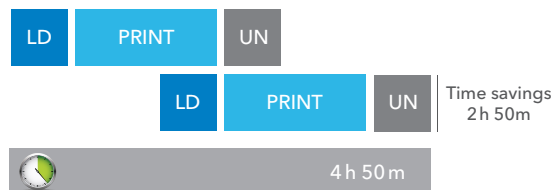
The situation

Production of 1000 panels measuring 400 × 400 mm.

without Tandem



with Tandem



LD Loading
UN Unloading

Conclusion: 37 % higher productivity.

High-volume producers of identical (Step & Repeat) or differing (Shadow files) media stand to benefit most from the tandem function. With personalised printed materials in particular, this option is worth its weight in gold.

Technical specifications

Vacuum table	Oryx	Impala	Nyala
Printable area in each zone	2500 × 760 mm	2500 × 805 mm	3200 × 805 mm
Registration pins	Positioning at front- and rearside every 50 mm possible		

Hardware required	Oryx	Impala	Nyala
Tandem vacuum plate	Available as an option, starting January 2013		Standard
2 × 1.1 kW vacuum pumps, integrated		Standard	
2 × 2.2 kW vacuum pumps, outside machine		Optional	

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