

Project description

Web Press

KBA TR6 rotogravure press, 16 - 120 pages, 27,000 to 94,000 rph

Product Mix

Inserts, sections in A4- and A3-format

Post Press Configuration

Behind the folder exit of the rotogravure press the products are transported via an overhead conveyor from the printing hall to the post press area. According to demand an integrated divert gate within the overhead conveyor makes it possible to transport the products either to a print roll system or via a downward conveyor to the stacking and log building area. Within the stack and log building area untrimmed productions are directed to an RS 600 log stacker. Thanks to the „Continuous Stacking Technology“ and an intelligent log separating system the RS 600 builds logs in excellent quality. The RS 400 multi-product palletizing robot picks up the logs with its log gripper and palletizes them with a speed of up to 145 logs/h onto the automatically delivered pallets. Slip sheet feeding and the ejection of full pallets is also fully automated. Trimmed productions are directed to an RS 820 trimming line where they are trimmed on three sides. Then an RS 32 high-speed stacker processes the products to compensated stacks. A direct-coupled RS 100 blocking unit compresses the stacks and gives them an electrostatic charge. The stabilized, brick-like stacks are then single-, double- or cross-strapped and are transported via an accumulating conveyor to the pick-up station of the robot. The RS 400 robot palletizes the stacks at a speed of up to 800 stacks/h onto the pallets.



Responsible Project Center

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POST PRESS

MAIL ROOM

BOOKBINDERY

Project Roto Alba, Italy



RIMA SYSTEM



◀ The products are transported from the pressroom via an overhead conveyor to the post press area. According to demand an integrated divert gate within the overhead conveyor makes it possible to transport the products either to a print roll system or to the stacking and log building area.

Within the stack and log building area the shingled stream goes via a second divert gate either directly to the RS 600 log stacker or can alternatively be directed to an RS 820 trimming



▲ The RS 600 builds stacks of 800-1200 mm length at a speed of up to 80,000 cph. Innovative details like CST („Continuous Stacking Technology“), a floating stacking head and swords with air stream ensure an excellent log quality. The great ergonomics of the RS 600 improve safety and operation (operation can be done from one side), allows easy visual control and free access to the stacking area.



◀ After the three-side trimming the products are directed to an RS 32 compensating stacker. The perfect stacks are then compressed and stabilized by an electrostatic charge by the direct-coupled blocking unit RS 100. Before palletizing the stacks are single-, double- or cross-strapped.



▲ The RS 400 multi-product palletizing robot can handle up to 800 stacks/h or 145 logs/h. The exchange between stack and log gripper is done automatically in the gripper exchange station. Dispensing of empty pallets, the ejection of full pallets and slip-sheet feeding is also fully automated.