

Project description

Web Press

2 x 24-page M 2526 web press, 2500 fpm (> 83.000 iph)

Product Mix

Signatures with 12/24 pages in magazine format

Post Press Configuration

The floor conveying system that includes RS 27 bumpturns transports the four shingled streams to the pick-up stations of the RS 2672 overhead conveyors. Waste copy ejection is integrated in the overhead section of the conveying system allowing separate waste collection of all four lines. The four copy streams are delivered from the overhead conveying systems to the RS 50S brick stackers, where the shingled streams are converted into compressed, brick like stacks. Accumulating infeed conveyors transport the loose and compressed stacks of the four lines to the pick-up stations of the palletizing robot where they are realigned. During the pick-up process the stacks are securely held on all four sides to avoid any skewed copies.

The two arms of the RS 500 "top loader" robot, each equipped with "smooth approach technology" and double gripper, place the stacks onto the four pallets at full press speed. The slip-sheets are set down automatically. The full pallets are transferred to a pick-up station where they are replaced by empty pallets from a central pallet dispenser.

Responsible Project Center

HWS USA & RIMA-SYSTEM



The divert gates for the waste copy ejection are part of the overhead section. The waste copies of each line are collected and delivered in a separate waste bin. This allows detailed analysis of printed and waste copies.

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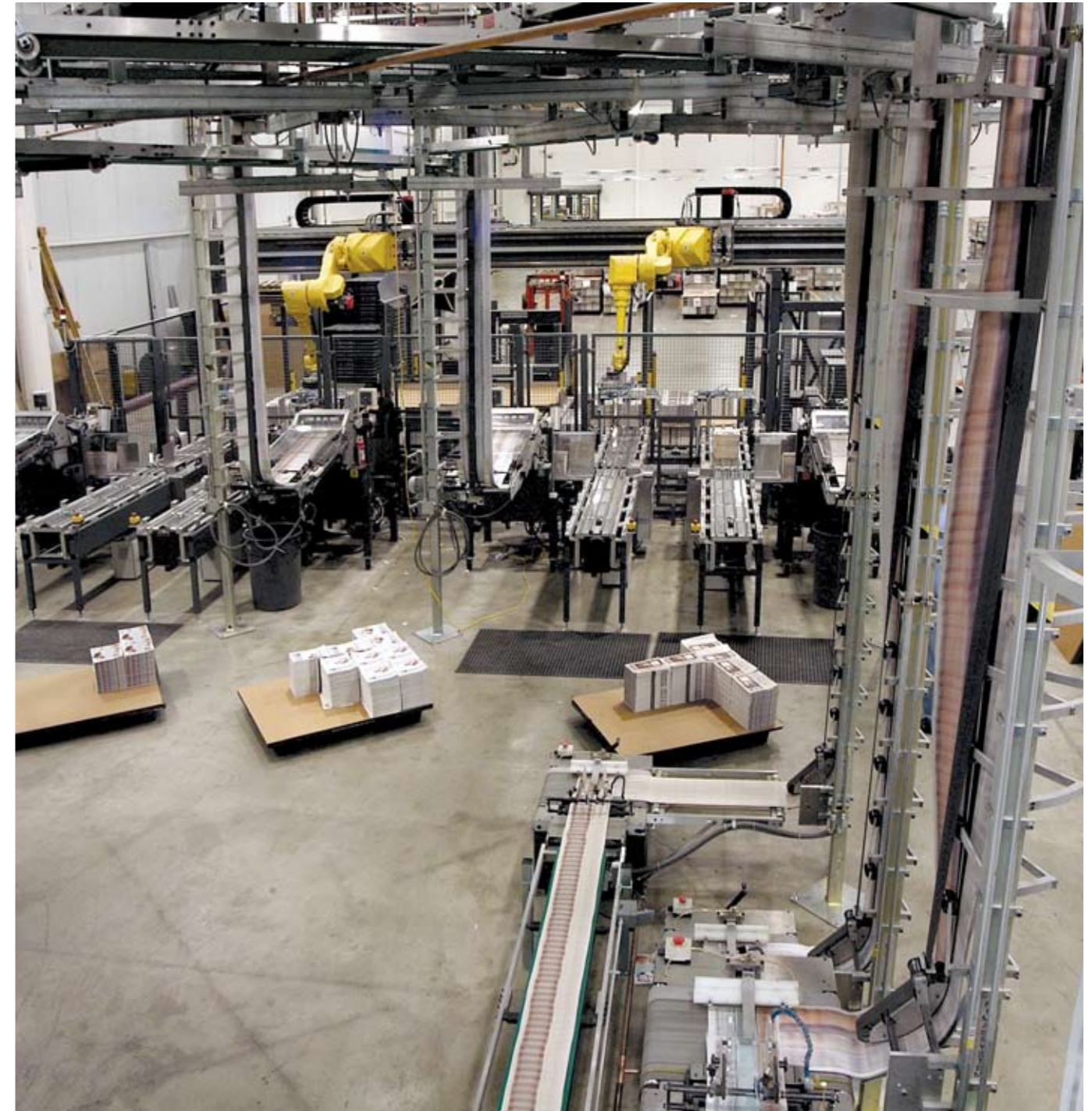
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POST PRESS

MAIL ROOM

BOOKBINDERY

Project Brown Woodstock, USA



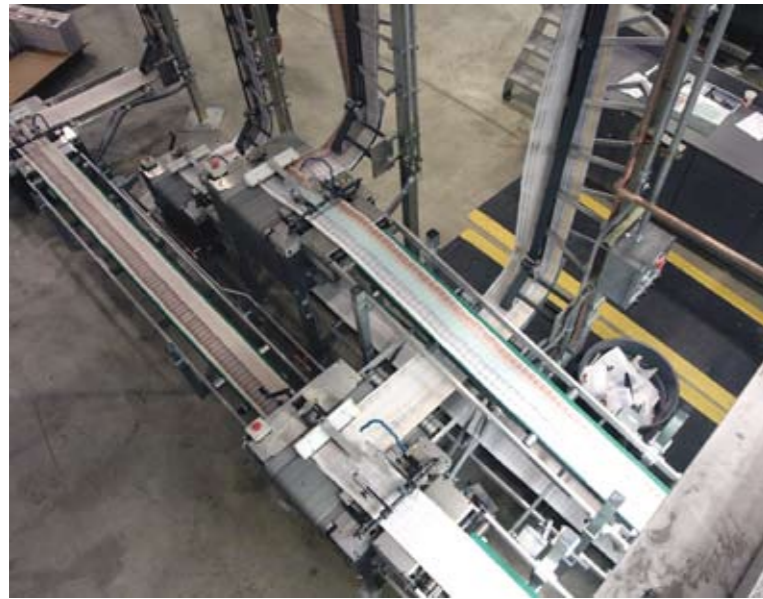
RIMA SYSTEM



▲ View of the stacking and palletizing area with four overhead lines, four RS 50S stackers, four stack conveyors with manual stack pick-up for samples and the RS 500 Double Palletizer.



▲ The compressed, brick like stacks from the RS 50S are transported to the pick-up stations. The reverse mode of the stack conveyors allows manual pick-up of sample stacks and can be used as additional stack buffer.



▲ The four streams of the PFF 2 folder are redirected to spine leading orientation and transported to the RS 50S stackers via four overhead conveyor lines. This clears the floor space and guarantees fast and direct access to all machines.



▲ The RS 500 robot palletizes from four lines onto four pallets. Pallet handling and slip-sheet feeding are fully automatic. If necessary one robot can also serve all four lines giving the system unique productivi-

