

New Roll Re-sizer Converts Excess Inventory Into Cash in One Pass, in a Matter of Minutes

Mapleroc Industries reports that it has developed the first alternative to a slitter/rewinder to serve the paper industry in 50 years. The company notes that the paper industry is literally “swimming” in excess inventory that could be cut down and converted into cash. Its new RollRazor was designed to provide a faster, more cost efficient means to do just that.

Using a highly engineered blade that generates virtually no heat, the RollRazor cuts original “from the manufacturer” rolls from the outer diameter through the core in one pass, creating a press-ready roll in only 3 min. Rolls that are re-sized retain all characteristics of the mill wound roll, which greatly reduces registration problems, web breaks, and other costs.

Using RollRazor, a single operator can resize a roll from existing inventory to meet a customer’s specs in minutes, compared with scheduling time on one of the mill’s paper machines. The unit can also turn idle inventory into press-ready paper while commanding prime market prices. Rather than discounting paper away to reduce inventory, mills can resize rolls and sell them at prime market prices—not as seconds.

The RollRazor can also turn end-damaged rolls, or those destined to be repulped, into prime press-ready paper and into the market quickly and efficiently. It is capable of turning nearly any roll in the mill into press-ready product in minutes. While a traditional slitter/rewinder averages 1 to 1.5 rolls/hr, RollRazor can resize up to 4 rolls, while retaining the original mill wind—the preference of paper mills and printers.

By moving the bulk of their resizing work to the RollRazor, converters can dramatically increase their operation’s throughput—in most cases by 200% to 300%, Mapleroc points out. Slitter/rewinders can then be dedicated to doing what they do best, taking on jobs that require diameter and/or core changes. •