Mill Upgrades Separator to increase Capacity
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As a result of field studies and experience, Kason Corporation has devised methods of upgrading a vibratory screen to increase productivity particularly where high quality finished products are required. Kruger, Inc., Quebec, Canada, manufacturers of coated papers, increased production through upgrading with Kason units. The output from the two Kason K48-1SS VIBROSCREEN separators had to be increased to keep the coaters supplied.

Kruger took its problem to Kason's engineers who recommended adding a second screen above the existing one as a modular component to upgrade the vibratory separator to a multi-deck Recycle Clarifier.

As a result of the modification, the bottleneck was broken and clay coating and production improved 40%. Screen life turned out to be very satisfactory.

The original Kason vibratory screener was a simple deck machine fitted with Kleen-Screen™ rings to prevent screen blinding. A second screen with rings was added in series with the original so that in one operation using the same operating space, the screening area was doubled.

The clay is fed to the center of the top screen. Oversized particles move to the screen periphery where a recycle system discharges them to the lower screen. Undersized particles and liquids rapidly pass through the operating screens and are forwarded to process.

Screen Tips - Volume 2, Number 2 July 1987