

Chao Lun Mill

CP Solution #16

This addition of an extra cylinder on the paper machine allows to have a better quality control of the products. It has the effect of decreasing the pulp basis weight on the two existing cylinders. Customer's specifications are now easier to meet.



Photo 10: Additional cylinder on a paper machine

CP Solution #18



The rotating screens (to the right of the photo) allow the mill to recover fibre from the wastewater and to reuse it in the paper making process.

Photo 11: Wastewater treatment rotating screens

CP Solution #21

This photo illustrates the piping system which is used to recycle the condensate generated by the paper machines to the coal boilers. Eight boilers are now required to operate the mill compare to nine prior to the implementation of this solution.



Photo 12: Condensate recovery piping system

CP Solution #23

This photo shows the vacuum straw pulp washing line which replaces an old pulp washer. This solution allows the mill to increase pulp consistency and to decrease its wastewater generation.



Photo 13: Vacuum straw pulp washing