





# Paper Machine Vacuum System: Problems and Solutions

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## **ABSTRACT**

Most Paper Machines employ Liquid Ring Vacuum Pumps, which are low speed maintenance friendly machines. While the liquid ring vacuum itself does not require a great deal of attention, the Paper Machine Vacuum System being the heart of the machine need to be kept in good health to keep the machine running smoothly and efficiently. The present paper deals with the common problems encountered in the Paper Machine Vacuum System and gives the practical tips to identify the problems in timely manner and provides simple practical solutions. The vacuum system problems addressed in this paper include:

-  Low Vacuum Levels
-  High Motor Load & Motor Tripping
-  Hot Pump Operation
-  Noisy Pump Operation