

NLB OSB Screen Cleaning System

NLB recently developed a new ultra-high pressure screen cleaning system for a leading manufacturer of oriented strand board (OSB). This company has recently experienced some quality issues while producing OSB and tracked the problem back to the screens they use during production. These screens convey the raw materials into the pressing machines and were becoming clogged with debris. This caused gases to be entrapped in the OSB and made the product weak.

In addition to quality problems, the contaminated screens extended the amount of time needed to produce the product. The outcome was that they were producing 1,152 fewer sheets per day and 288,000 fewer sheets per year of OSB.

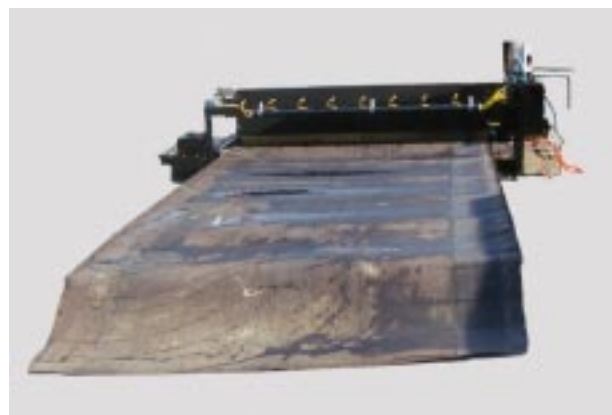
NLB helped the customer solve these problems by designing an in-line system to automatically index one of our patented SPINJET[®] rotating seals across the screens. The high pressure water is supplied by an Ultra-Clean 36[°] pump, which produces 6 gpm at 36,000 psi. A central control panel is used to control all aspects of the cleaning process and is tied directly into the existing production system.

The installed system restores the manufacture's screens to a near new condition allowing for increased quality and screen life, along with shorter production times. All these benefits combined to increase profits.

NLB prides itself in solving industries toughest cleaning problems. Contact Randy Couture the product manager on this product to see how NLB can help you solve your screen cleaning problems.

BEFORE

OSB screen before and after cleaning pictured above.

AFTER

The new ultra-high pressure OSB cleaning system.

The Leader in High-Pressure Water Jet Technology