



Stucchi®

A CONSTANT FLOW OF SOLUTIONS

STUCCHI SOLUTIONS

EFFICIENCY

OVERVIEW

Increasing efficiency of a paper mill's mandatory maintenance task offers the company operational gains, with an ROI that is quick to perform, yet also lasts over the long term.

CHALLENGE

A paper mill's heated embedding rolls require changing out 6-7 times per month, at a cost of 9 man hours for each changeover.

SOLUTION

Since the conversion process was a mandatory requirement that could not be circumvented, the only change that could be made was to improve the process itself by speeding up the required changeover.

We began by evaluating the mill's current system of multiple hard plumbed lines connected with JIC hose ends and adaptors. Then, we evaluated the possibility of utilizing multi-coupling plates and VEP series for their leak-free connection and efficiency.

The Stucchi Solution—switching to VEP series quick disconnect couplers for faster, more efficient changeovers.

The VEP series was chosen based on limited space constraints. VEP series can connect with residual pressure if proper bleeding of the system does not occur, and provides a safe connection that operators can use, so the maintenance team is not required to change the lines.

RESULTS

The paper mill has saved an estimated 60-70 man hours monthly since implementing the Stucchi quick disconnects and streamlining the changeover process.

BENEFITS

Switching to Stucchi quick disconnects created additional gains

- allowed machine operators, instead of maintenance workers, to implement the changeovers
- freed up maintenance workers to conduct preventive maintenance
- reduced unintended downtime, increasing productivity and efficiency output throughout the mill

Oil & Gas

Mobile

Industrial

Agricultural

STUCCHI SOLUTIONS MEASURE THE BENEFITS

Delivering Safety/Health, Total Customer Satisfaction, Efficiency, Environmental, and Productivity Results

✓ ENSURE SAFETY

- Reduce number of reportable workplace incidents and injuries
- Meet continuous improvement safety initiatives
- Secure operator safety by defeating 'the silent killer', stored energy with thermal expansion
- Reduce incidents of slips, trips, and falls caused by leaking hydraulic fluids

✓ TOTAL CUSTOMER SATISFACTION

- Meeting total customer needs for Safety/ Health, Efficiency, Environmental Impact and Productivity issues
- Offering total solutions instead of stop-gap measures alone, for complete customer satisfaction

✓ IMPROVE EFFICIENCY

- Meet deadlines by remaining on schedule
- Eliminate work shutdowns due to leakage concerns
- Save time switching out equipment lines
- Create more time for preventive maintenance

✓ ELIMINATE ENVIRONMENTAL ISSUES

- Reduce cost by eliminating fines and remediation fees
- Protect environment from leaking hydraulic fluid

✓ INCREASE PRODUCTIVITY

- Prevent unintended downtime
- Meet or exceed productivity goals
- Reduce non-productive time
- Create potential business growth opportunities

Find out more about how Stucchi solutions can benefit your business.
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