

Case Studies

Industry: Pulp & Paper

Process: Pulp Manufacturing

Automating cleaning of the chest interior wall reduces process time by half and prevents a risk of oxygen deficiency.

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Release from continuously attending.
Drastically reduces the process time.

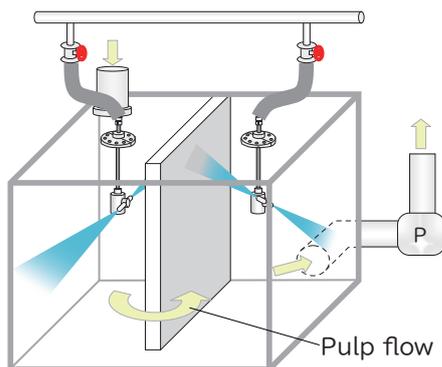
At a cardboard manufacturing factory, an operator goes down to a liquid pulp storage chest to manually clean the tank interior wall.

Cleaning approach with a spray nozzle connected to a water supply pipe arranged above the chest is proposed.

Cleaning the interior in the chest with a height of three meters, taking 30 minutes, is a difficult task with leaving some spots uncleaned. It also involves a risk of oxygen deficiency.

Cleaning with a rotating nozzle reduces the process time by half, 15 minutes, without manual labor.

This achieves improvement of the work efficiency and work environment by eliminating uncleaned spots and preventing the risk of oxygen deficiency during work.



Tank cleaning nozzles

ROTARY JETTER, RJ series

Rotating nozzles drivable with low pressure from 0.2 to 1.0 MPa. Solid stream jets rotating 360 degrees provide a high cleaning effect.

This series of the nozzles with large flow rate and long reach distance is convenient for cleaning of a larger tank interior.



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