



It's time for automated cleaning

Cleaning processes are not immune to the rise of automation.

THE rapid rise in automation of the workplace has put increasing pressure on businesses to do the same with their cleaning processes. The era of manual cleaning with hoses and chemicals is giving way to options that are more effective, faster and also safer in the workplace.

Duplex Cleaning Machines director Murray McDonald says he often sees manufacturing facilities still applying manual cleaning practice, when adopting automated cleaning in-place (ACIP) would be more beneficial for the company and its employees.

Doing so can reduce water wastage as well as the risk of slips and falls and other related

OH&S issues, he says.

ACIP systems, including conveyor cleaning and movable cleaning robotic arms, can be preprogrammed to detail clean a machine. It can be moved around the factory, enabling an automated cleaning process as it moves around facilities, completing tasks on its own.

This improves production line cleaning systems and tackles many production and maintenance issues, including ones within conveyor belts, McDonald says.

At AUSPACK 2019, Duplex introduced its latest conveyor cleaning machine system. Using a combination of brushes and dry steam vapour generators, the system

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effectively removes particles left over from manufacturing and food spills and reduces the amount of cleaning downtime.

It ensures a clean surface and eliminates any risk of contaminating the next production line. It also prevents disease outbreaks, by sanitising surfaces that can harbour food particles, which provide nutrients for mould or fungal growth. *

ABOVE: Duplex's conveyor cleaning system reduces the amount of cleaning downtime.

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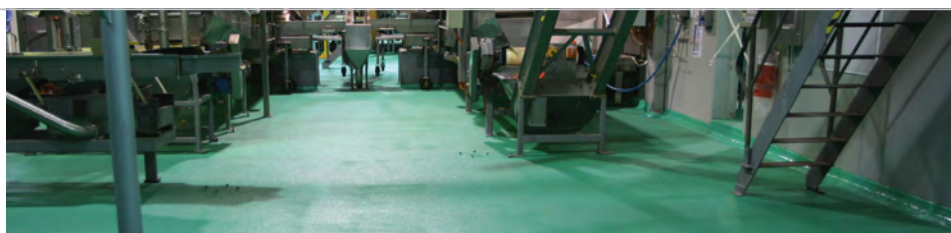
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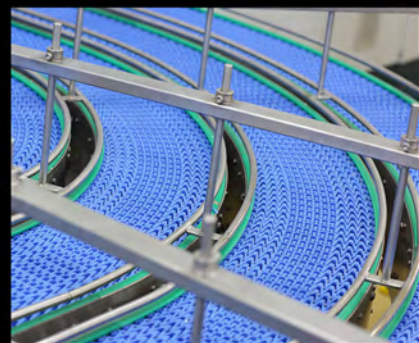
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