

Starclean chevron cleaners triumph over air knives and rotary brushes

In brief

- Leading manufacturer of readymix concrete
- Struggling to effectively clean chevron conveyor belts
- Dealing with carryback required time and manual handling
- Starclean chevron cleaners replaced air knives & brushes

10 chevron cleaners

fitted to replace air knives & brushes

50-70% estimated

reduction in clean-up time

The problem

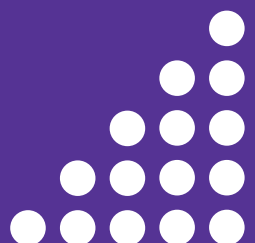
An area production manager for a leading national producer of readymix concrete had 10 chevron conveyor belts on 6 plants within the region. As is common in the industry, the chevron belts were proving a problem to clean effectively.

The conveyors in question had either air knives or rotary brushes fitted in an attempt to clean the belts. These systems only had a limited effect on the problem, with significant amounts of carryback material falling onto the floor which was then shovelled into wheelbarrows and removed by operators on site.

The air knives were particularly troublesome. In addition to not dealing with the carryback, they also created dust and used around 4kw of electricity each. As a result, many of these devices were not being maintained or had been turned off.



Carryback underneath one of the chevron belts



ConSpare

Make it better.

How ConSpare found a solution

Over an 18 month period we installed 10 Starclean chevron belt cleaners across the region for the client, replacing a variety of air knives and brushes.

Despite variations in materials being conveyed, belt speeds and cleat heights, the client feels that there has been a notable improvement following the installation of Starclean in every case.

Whilst no solution is able to provide perfect cleaning results on a chevron belt, the client estimates that clean-up time and associated manual handling has been reduced by 50-70%.

The chevron cleaners have proven a simple and low maintenance solution. All 10 are the same model, and this standardisation has simplified both training and maintenance across the region.



Starclean Chevron cleaner in situ

How ConSpare made it better

- Productivity** - Less product waste, increased plant efficiency
- Safety** - Reduction in manual handling, removing waste from beneath the conveyor.
- Quality** - More effective cleaning helps maintain batch accuracy



Starclean providing a good level of cleaning

Improving the process



Visit - www.conspare.com | Call +44 (0)1773 860796 | Email - sales@conspare.com

ConSpare Limited Registered in England No. 10373473
Castlewood Business Park, Farmwell Lane, Sutton-in-Ashfield, Nottinghamshire. NG17 1BX.

Data correct as of February 2019

