



Background

Numatic International Ltd. is a British manufacturer, primarily making domestic, commercial and industrial cleaning and maintenance equipment. Synonymous with vacuum cleaners with smiley faces, including Henry and Hetty, Numatic distributes worldwide.

Scenario

Numatic already had an Endoline 407 automatic random case sealer, however following an increase in production the company purchased a second 407 system to cope with the increased output. The decision was also made at this time to invest in a new conveyor system which would feed cases into either of the two Endoline 407 machines as required.

Solution

Each of the 407 machines can accept any of the case sizes currently run by Numatic although it was decided to run the highest volume (Henry vacuum cleaner) product through the new 407 machine. Therefore the conveyor system was fitted with optical sensors to detect an identifying colour patch on the cases and divert all of the high volume cases to the new 407 machine with the others being fed to the existing 407 machine. The project included a major service and upgrade of the existing 407 machine.

Results



Technical conveyor system



Increased production output

