

PROBLEM SOLVER

THERE'S SOMETHING IN THE AIR. . .

FESTO

Problem: A customer within the printing industry was having an issue on their paper sorting and printing machines. Compressed air was used to raise and place sheets of paper onto a conveyor system which carried the sheets to a printing station. The customer was noticing an increase in wasted product batches through these systems.

During the printing process, the ink would smudge and not adhere properly to the paper. Not only that, but the maintenance of these systems were a lot higher than for others in the factory. Cylinders and valves were being replaced much more regularly than expected. All of this resulted in extra costs for the company.

Solution: After a little investigation, the **MS6 Air Preparation Range from Festo** was offered. Due to the flexibility of the MS6 range and number of options available, a complete air preparation configuration was selected with the correct filters designed to remove oil contamination from the air supply.

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Printing



Ref:PS141

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This reduced the problems caused by swelling seals and increased wear on the cylinders.

A water separator was also included to extract the moisture from the air and reduce corrosion and rust forming inside the cylinders. The dryer air, where used in contact with the paper, meant no smudges in the printing process. The customer reduced the maintenance time spent on the machine and saved money by cutting down on wasted product.

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