

CASE STUDY

Pharmaceutical

Fully Automatic Bagging System by Autobag®

CUSTOMER PROFILE

Our Ontario based customer is a global healthcare company that specializes in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition. The company's products and services are used for the therapy and care of critically and chronically ill patients.

CUSTOMER NEEDS

Customer manufactures saline solution with infused medicines in bags. The customer was manually packaging custom UV bags with either 5 or 10 saline bags depending on their customers requirements. The customer was looking for a way to automate the process of packaging saline solution into UV bags.



Saline Bags



Packaged inside UV bag

THE CHALLENGE

The process of manually packaging saline bags into UV bags was labour intensive and tedious. The challenge was how to automatically insert the saline bags in groups of 5 or 10 with various sizes of saline bags into UV bags. The customer also requires that the UV bags can reflect UV light to protect the saline solution bags.

THE SOLUTION

Fully-automatic Autobag 600 from Sealed Air with automatic conveyor and sensors for counting saline bags.

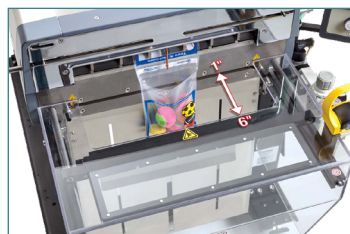
- The solution also included custom designed amber UV light reflecting bags for use in the Autobag 600.
- The solution process is the saline bags are fed to an automatic conveyor in groups of 5 or 10.
- The conveyor then counts the saline bags and feeds them into the Autobag 600 to ensure the proper number of saline bags are present and to ensure proper placement of saline bags into the UV light reflecting bags.
- The Automatic Autobag 600 then seals the UV bag and drops the completed UV bag on an exit conveyor for packaging in the box.



THE BENEFITS

The benefits to the customer are multiple.

- The streamlined process allows the customer to **increase the volume of their production** because the packaging bottleneck has been removed.
- The large reduction in labour costs to manually package the product has been **reduced by 90%**.
- The labour has been able to be redistributed to other more productive tasks.



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