



Endoline type 310 pick and place machine

### Scenario

Our customer is a major manufacturer of household goods including card-mounted air fresheners. Products were being packed 6 to a standard case using a hand packing station and one operator, packing products at 60 per minute. Cases were machine erected and sealed at either end of the hand packing station. The customer was under pressure to move to a shelf ready style of packaging which would probably warrant a change in format. Therefore the move to an automated 'pick and place' case packing machine was justifiable to allow more flexibility with packaging formats, and to save on labour.

### Objectives:

- To automate the case packing process
- To reduce labour costs
- To allow flexibility for new/different packaging formats
- To minimise costs

### Solution

After performing a site survey and reviewing the packaging area, Endoline recommended the use of the 310 pick and place case packing machine to automate the packing of the products and ease the burden on the operator. The machine is compact enough to fit in to an established area within the factory, and modifications were carried out midway through the project to suit their new shelf ready packaging format with the minimum of disruption. The replacement of the hand packing station meant that a tedious and repetitive manual job was removed and the whole process could be automated.

### Objectives Achieved:

#### Adapt quickly to shelf-ready packaging

The machine provides flexibility to do this when needed.

#### Reduction of labour costs

Case packing now provided automatically for both standard and shelf ready cases without the need for manual labour .

#### Flexibility

Customer can now add new packaging formats simply when required.

#### Minimise costs

Return on investment achieved in less than 12 months.



Endoline Machinery Limited  
Stratton Business Park, London Road  
Biggleswade, Bedfordshire  
SG18 8QB  
United Kingdom

Telephone: +44 (0) 1767 316422  
Facsimile: +44 (0) 1767 318033  
E-mail: sales@endoline.co.uk  
Website: www.endoline.co.uk