



Endoline 704 fully automatic random case taper

Objectives:

- To increase the speed of the case packing operation
- To increase the efficiency of the case packing operation
- To eliminate the risk of repetitive strain injury



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Scenario

Macmillan Distribution is a UK based book distributor, handling over forty publishers throughout the UK and the rest of the world.

Macmillan are frequently faced with high volumes of distribution which require completion within a short space of time.

Originally the production line was run by hand, from case erecting through to case sealing. This process ran the risk of repetitive strain injury - particularly during periods of high volume.

In addition Macmillan required a case sealer which would efficiently standardise itself to be compatible with the constantly changing case sizes without human intervention.

Solution

After Endoline performed a Site Survey and reviewed the packaging area, they recommended the use of a Type 202 case erector. This type of case erector boasts the unique benefit of a dual opposing vacuum case opening system which ensures each case is opened positively from both sides thus eliminating any danger of tearing. In addition Endoline also recommended a Type 704 fully automatic random case taper. The 704 takes cases, each of different size from a conveyor, separates them, adjusts to the case size, folds top flaps and then seals top and bottom flaps with self adhesive tape - all without operator intervention.

Objectives Achieved:

Increased speed and efficiency of operation

Due to installation of the system range, production is now running at 7-8 cases per minute.