

Box handling machine meets customer speed requirements in small footprint

RESULTS

- Meets production throughput of 80 per minute
- Flexibility to handle multiple carton sizes
- Small footprint to meet space constraints



APPLICATION

Picking up various sizes of folded cartons, rotating through two axes and placing on the conveyor to the final packing line.

CUSTOMER

A global machine builder for horizontal and vertical cartoning machines.

CHALLENGE

The customer uses the same packaging lines for multiple size boxes. They needed a flexible solution that could easily handle the different sizes but within a relatively small footprint. The system needed to be able to handle up to 80 units per minute.

SOLUTION

We implemented an advanced automated packaging system tailored to the customer requirements. The solution included linear axis movement as well as rotational. The unit picks up the carton, performs two swivelling or twisting motions through 90° and puts the cartons down on the removal conveyor in the correct position, ready to be transported to the final packaging line. The option to easily select different carton sizes was included. Using linear and rotary axis modules enabled a smaller footprint than other solutions.

“Flexible solution enabled automatic adjustment for the various carton sizes”



Solution has smaller footprint than other options.

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