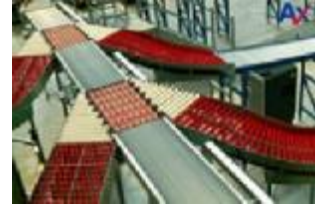


## **Enfield New high speed modular sorter from Axiom GB Ltd**



The new high speed SR Sorter from Axiom GB Ltd has been designed to accommodate a wide range of different size loads up to a maximum weight of 60 kg. An innovative modular construction ensures unparalleled versatility to provide high capacity double side sorting solutions for cartons, totes and other units loads.

Fast and accurate sorting is achieved by the use of high speed switching wheel assemblies that switch in rows to steer an approaching product down the appropriate outsort. As soon as the product clears each row of switch wheels, it instantly switches back to guide the next product through the system. The novel design of the sorter and its control system allows for close product to product pitching which, in turn, enables high speed sorting without the need for very high linear speeds. Significantly, the gentle 30 degree outsort angle provides smooth handling for critical loads and enables products with a high height-to-width ratio to be handled safely.

The modular design of the SR Sorter means that there is not theoretical limit to the number of outsorts that can be incorporated into a single sorter. Each module section is powered by its own drive motor therefore enabling an almost limitless number of modules to be accommodated without overloading the system. Also, the facility to position outsorts extremely close together ensures a uniquely compact installation.

Actual sorting capacity of the SR Sorter is solely dependent upon product length which means that a shorter product gives a faster throughput. In applications where mixed products are being sorted, a simple calculation provides average product length and thus typical throughput and cycle times.

Commenting on the new SR Sorter, John Nickson, Managing Director of Axiom GB says "As a company, Axiom has unrivalled experience in automated materials handling across many diverse industries. We have used this experience and our technical expertise to design the new SR Sorter as the ideal answer for the sorting of many different types and sizes of products in a wide range of applications and environments."