

Automated Apparatus And Method For Consolidating Products For Packaging

ABSTRACT OF THE DISCLOSURE

1 The present invention is directed to an automated
apparatus for consolidating serial product flow wherein
the product flow includes random variations in the flow.
5 The present invention provides a consolidation buffer for
receiving the serial products from the production line,
and then consolidating random variations in the product
flow. The automated robotic handling means then selects
a predetermined number and arrangement of product units
10 and transports that number and arrangement to a subsequent
packaging station for packaging, sterilization, and final
shipment.

Fig. 1