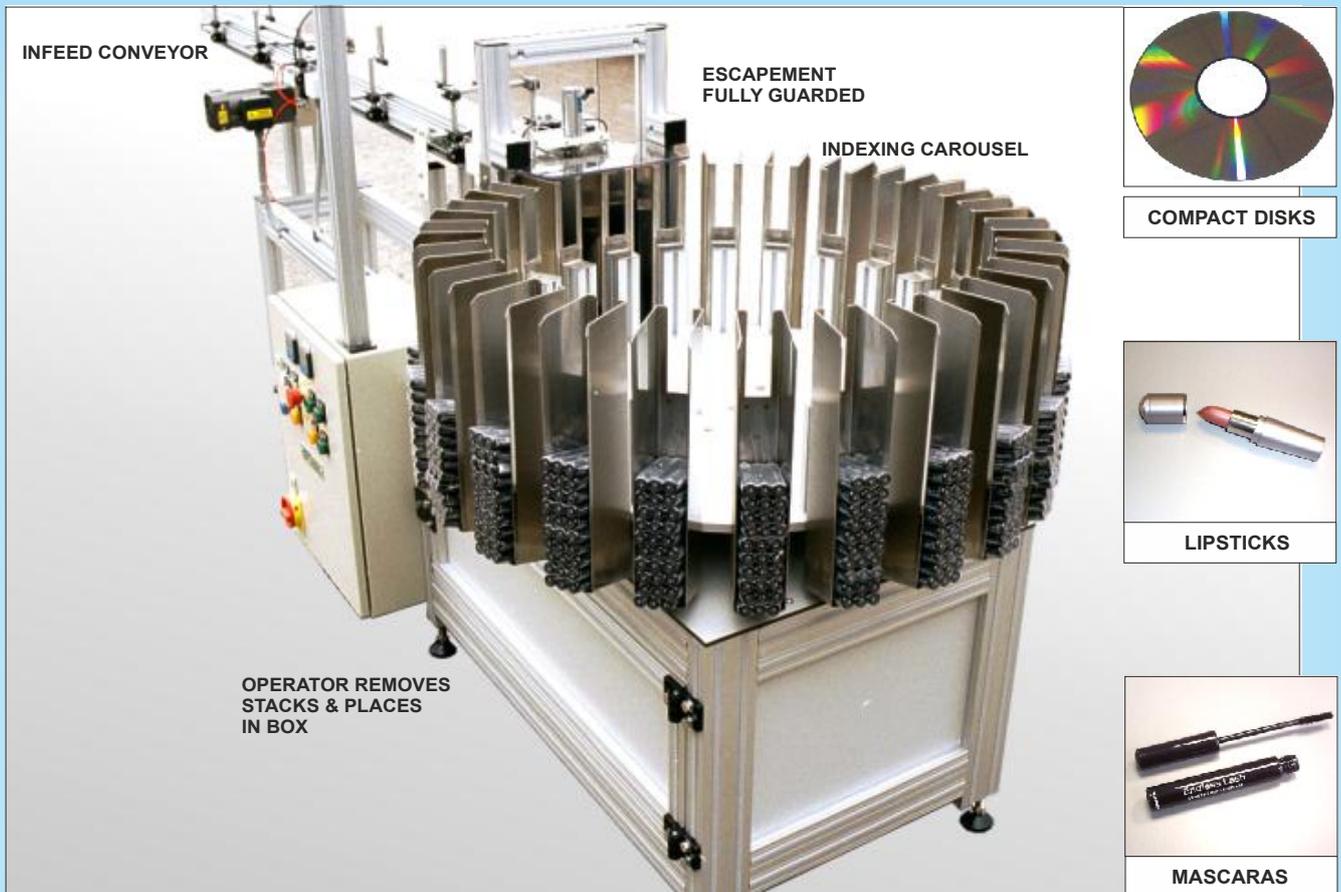




Fully Automatic Stacking Carousel

Application



The **MONK AUTO-STACKER** saves labour when hand packing into boxes at the end of a production line. It automatically stacks product packs into a manageable stack sizes so that they will fit directly into a box.

The packs are stored on an indexing carousel. The operator only has to lift a stack from the carousel and place it directly into a box, therefore saving time. The carousel can store up to 20 stacks so the operator is able to leave the line and pack adjacent lines in rotation. One operator can pack for three lines, this can mean a saving of six operators when running three shifts!

The AUTO-STACKER is simple to install, it is free standing and only needs positioning at the end of the line so that packs are fed onto it's conveyor. The packs are then escaped into the carousel magazine until the pre-determined stack height is reached. The carousel then indexes one position. It can be adjusted to accept different pack sizes, the 24 magazines are simply adjusted to suit a pack width by rotating a hand wheel and the stack height can be programmed into the control panel.

Speeds of up to 80 packs per minute can be handled.

It can be used for any high volume product, an example is the cosmetics industry where great savings have been made packing lipsticks and mascaras and the media industry for high speed collating of



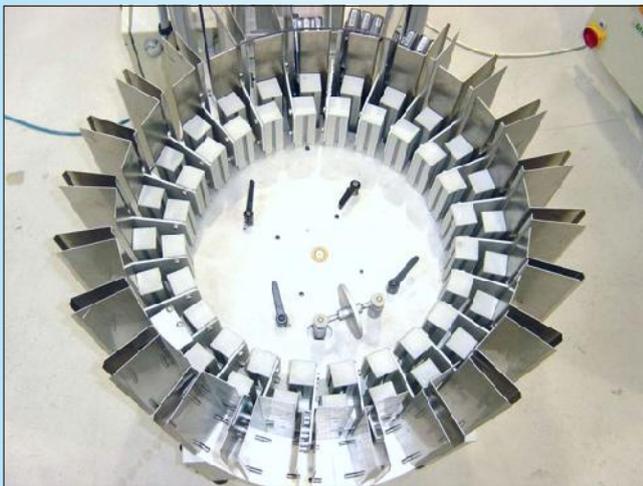
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Magazine Loading

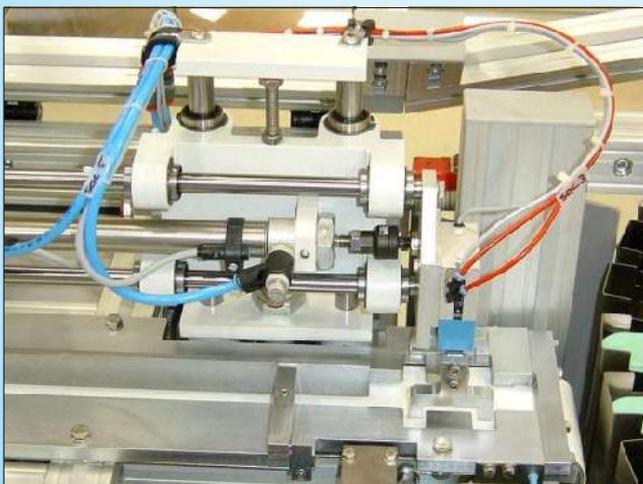
This Automatic Stacking Unit is used in the pharmaceutical industry where strict accountability of the product was vital throughout a complete production and testing process. It has been adapted load medical devices into 50 removable magazines. The large capacity of the storage carousel means that operators do not need to visit the machine very often to unload finished assembly. Much thought was put into the design of the magazines, they not only needed to store the packs safely, but also to allow them to be dispensed from the bottom of the stack so that they are handled in first in first out sequence. The magazines will also be handled by the operators on a regular basis so are designed to be as “operator friendly” as possible..



Adjustable Width Locations

It can supplied with an adjustable magazine carousel to cater for various pack widths. Magazines are simply adjusted to suit a pack width by rotating a hand wheel. The stack height can be programmed into the control panel. This one was sold to EMI in for stacking special compact disc packs.

The operating speed when using a pick & place load is 40ppm.



Pick & Place Loader

If gentle handling of the pack is a critical factor, this can be achieved by using one of our standard pick & place feed systems. This comprises a controlled queue of packs on the flat belt conveyor which transports the packs up to an end stop with an integral sensor. Once the sensor detects that a device is in the correct position the gripper jaws gently close and the pack is transferred to the top of the stack in the magazine.

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