



TLM Pharma – A Term is Becoming a Brand

Pharmaceutical machines are different from normal packaging machines, which has resulted in the development of the TLM pharma-machine.

A Russian customer who wishes to remain anonymous is currently packaging 20 different packages on his new TLM pharma-machine. They are packed with various vials in packaging boxes with differing content.

The vials pass into the machine via a continuously running infeed belt in an upright position and are picked up by four TLM-F4 robot arms and placed onto a group conveyor which can accommodate all vial diameters.

The second sub-machine from the left is a box erecting and glueing machine, taking flat lying box blanks out of multi-lane magazines, erecting and placing them onto transmodule suction plates.

The third sub-machine is a positioning station for packing inserts, which are also removed from a multi-lane magazine and placed on the suction plates of the transmodule.

[TLM Pharma]



Vials are taken from the grouping conveyor and introduced into the packing insert and then positioned directly into the boxes with the packing insert. Boxes and packing inserts are sucked securely onto the transport tool.

62⁶³

In the fourth sub-machine, a F2 robot equipped with a loading tool picks the vials from the group conveyor and introduces them into the packing inserts so that the inserts and vials can then be placed into the package.

The leaflet(s) is/are transferred from GUK dispensers into a stepping chain, transported to the closing station and placed in the packaging boxes during closing.

The "closing" sub-machine on the extreme right is already equipped with a magazine for separate lids for which there is no setup at present.

The possible output per minute is 300.

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