

Fully Automatic Tray Stapling Machine SHA 81 LIFT

Feeding - Shaping - Stapling - Reversing - Ejecting - Handing-over -



For integrated application!

Forming and Stapling flat carton blanks of solid or corrugated cardboard to trays.

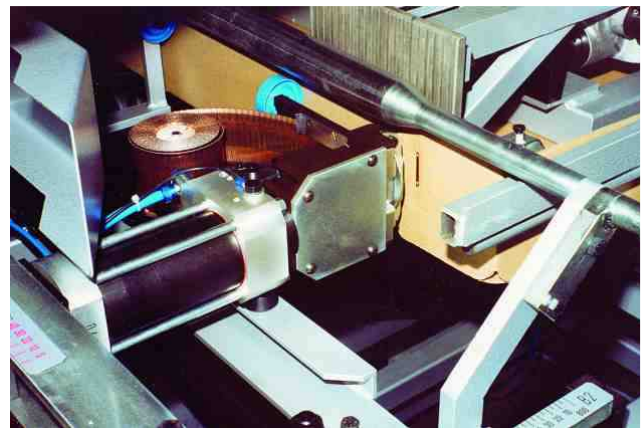
A pallet of carton blanks is positioned in the lifting station by means of a fork-lift-truck and are lifted from there.

Automatic functions:

- > Lifting and feeding the blanks.
- > Shaping to carton tray.
- > Single or double stapling the 4 flaps.
- > Ejecting trays into transfer device for handing-over or lifting.

Additional functions optionally:

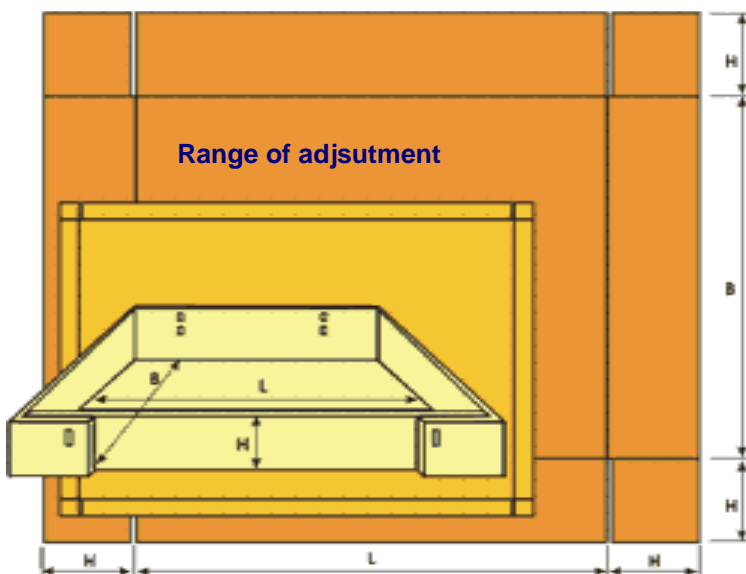
- > Turning tray bottoms to tray lids.
- > Pushing over and centring in a transfer station.



Output: 3 – 4 trays / minute.

Adjustment range
for carton trays:

Length: 1140 - 1230 mm
Width: 800 - 1040 mm
Height: 50 - 240 mm



(Other ranges of adjustment
on demand - see also page 3)



G) SHA 81 / LIFT Reversing Device

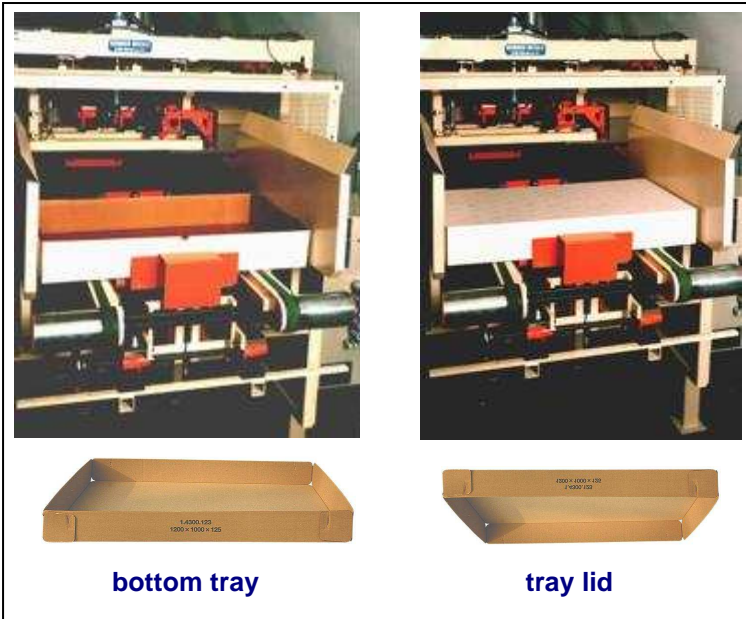
A specially designed version provides an output station where the tray bottom can additionally be turned to a tray lid.

According to programming e. g. 6 tray bottoms can be produced and then 1 tray lid.

In case the lid is supposed to be lifted off the lid surface can be supported additionally.

Flap folding to the outside or upon request to the inside.

Also possible: flaps for flattened edges.

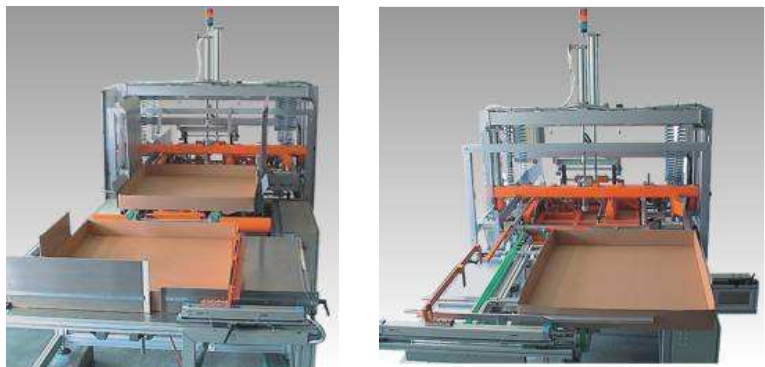


K) SHA 81 Tray handing over station

SHA 81 / LIFT with Reversing Device and Handing-over Station with Centring

The trays (bottoms or lids) are ejected into a handing-over station where they are additionally centred.

From this centred position the carton tray will be lifted or pushed over and thus conveyed to the palletizer.





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SHA 81 / LIFT Polyvalence

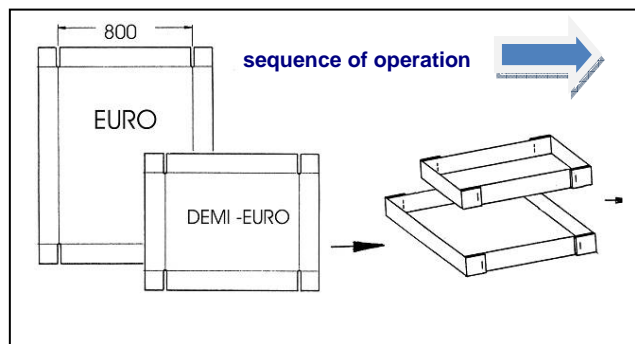
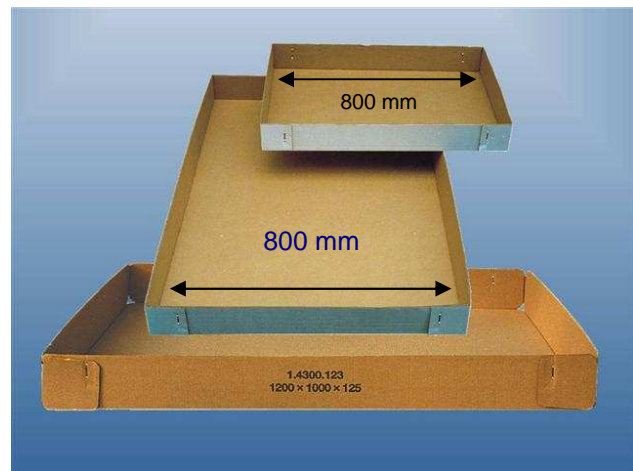
Adjustable from EURO to half-EURO-size

A specially designed version processes both sizes of carton trays:

half EURO-size 800 x 600 mm as well as
 EURO-size 800 x 1200 mm

It has to be made sure that the cut mainly of the larger carton blanks provides flap folding at the 800 mm side, i. e. at the smaller side.

The flap folding of the half trays is also at the 800 mm side.
 Flap folding to the outside or upon request to the inside. Also possible: flaps for flattened edges.



Flattened edges,
 flap folding inside

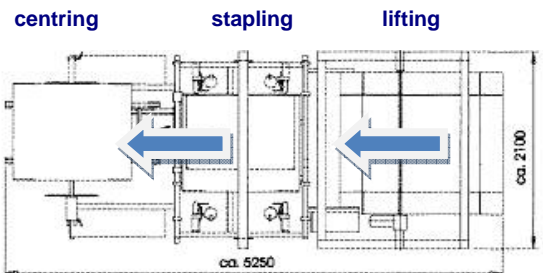
Single and
 double stapling
 up 120 mm
 height.



Technical Data:

Fully Automatic Stapling Machine SHA 81/LIFT
 for integrated application to supply a particular line

Adjustment range/trays (other dimensions on request)	Length: 1140 - 1230 mm Width: 800 - 1040 mm Height: 50- 240 mm
Output / minute: 4 stapling heads for coiled staples Loading capacity/stapling head	3 - 4 Trays B 36 - 60 (B 36 - 70) 5000 coiled staples
Reloading time for 1 coil Coiled staples Staples to be used for Adjustment to other tray size	less than 1 minute 36 mm staple crown solid, single + double corrugated 2 - 3 minutes
Power source: electro/pneumatic Control: SPS Equipped with 20 l pressure tank	415 Volt, 50 Hertz, 4-6 bars SIEMENS SPS S7 to compensate pressure oscillations
pick up height / ejecting side Effective height: Dimensions approx. L x W x H	1150 / 1100 mm 1100 mm 5250 x 2100 x 2635 mm



- with and without reversing device -
 centring reversing stapling lifting

