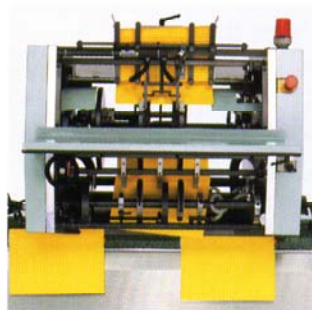
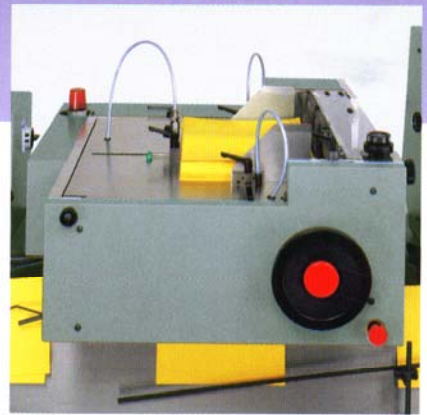


STICHMASTER ST270



Heidelberg Stitchmaster ST270

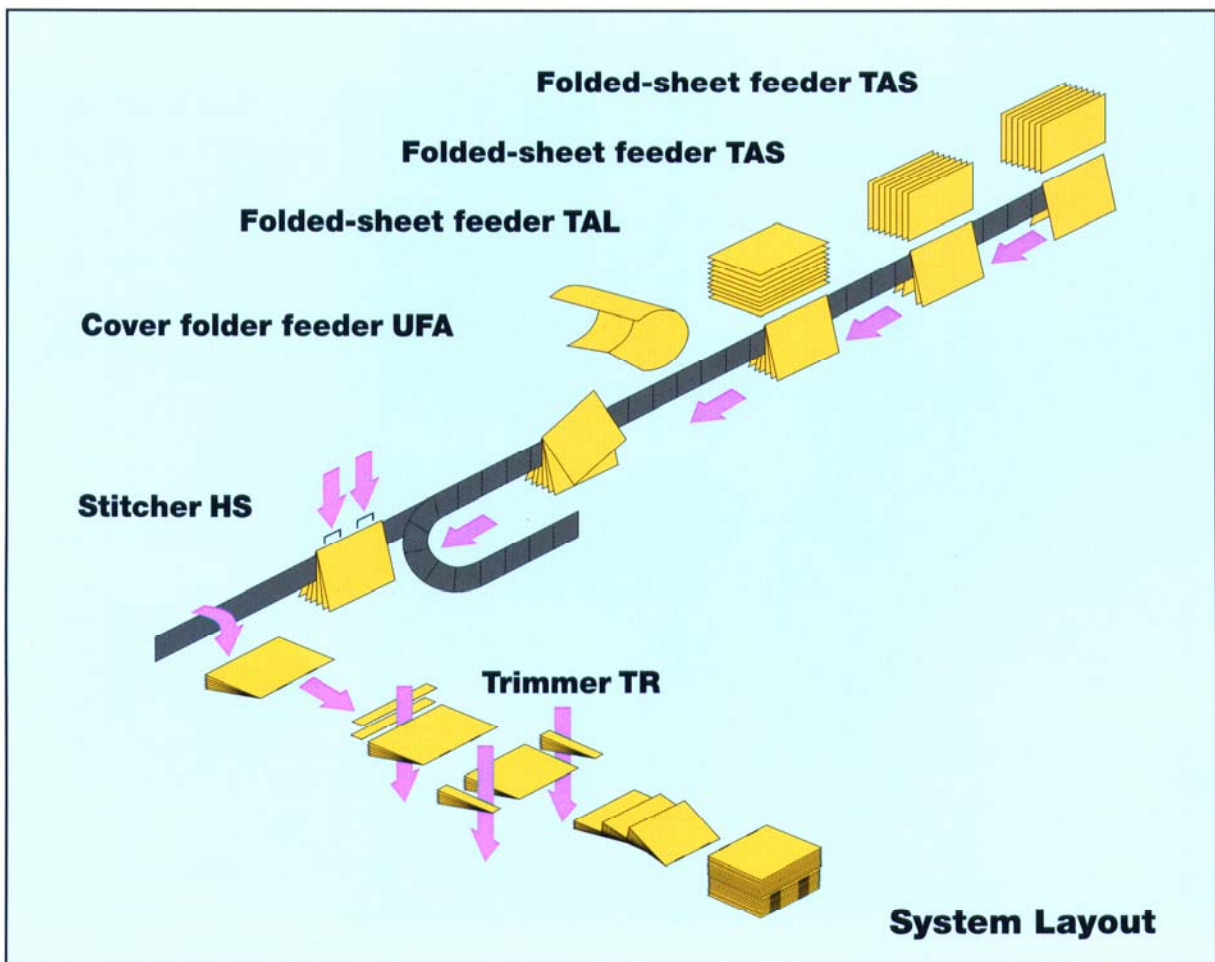
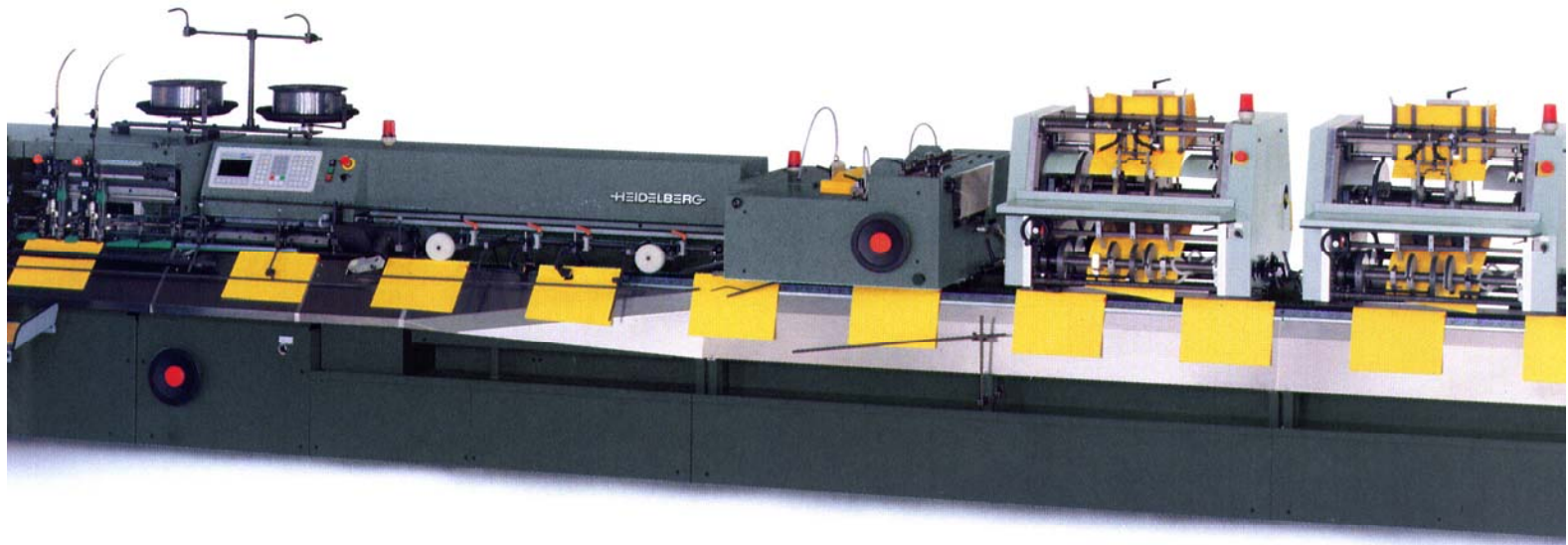


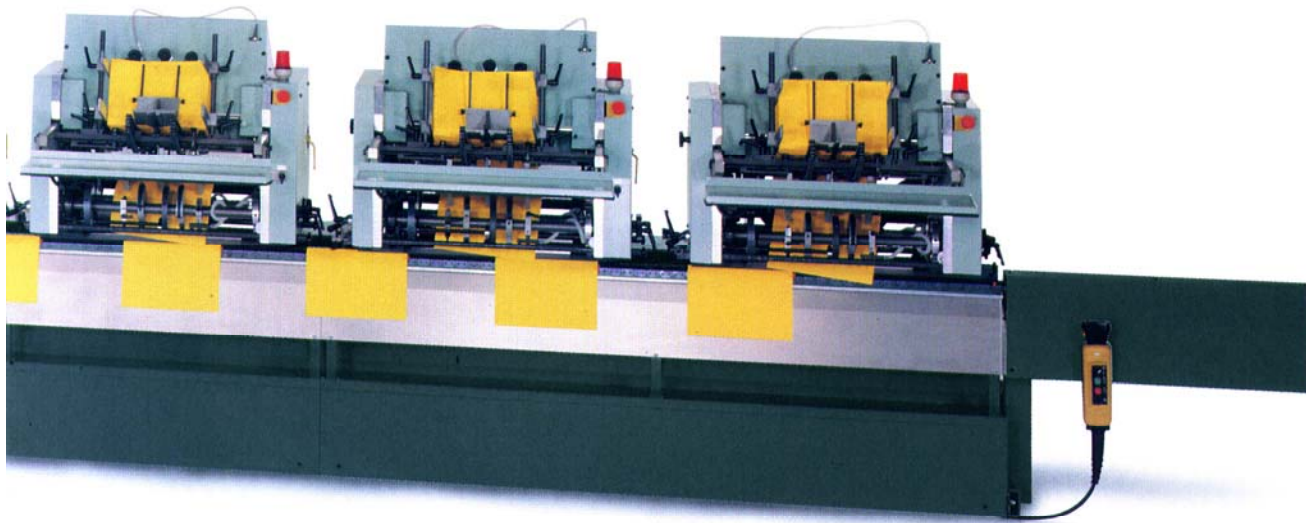
The new Heidelberg Stitchmaster ST270 runs at speeds up to 11,500 cph and handles product formats from 5 $\frac{1}{16}$ " x 3 $\frac{5}{8}$ " to 18 $\frac{7}{8}$ " x 12 $\frac{5}{8}$ " (128 x 92mm to 480 x 320mm). Two feeder configurations, a cover folder feeder, various delivery options and a central control console make the ST270 the ideal saddle stitcher for binders and printers with varied order structures and high quality standards. Two folded-sheet feeders - TAS for upright sheets and TAL for lying sheets - can be arranged in any practicable position. This makes the Heidelberg Stitchmaster ST270 a superior solution for any production

needs with respect to paper, format and folding. The feeders, including the cover folder feeder, are quick and easy to change over for highest flexibility and efficiency. The ST270 features a cascade system that guarantees a complete book from start to stop. Cascading is a sequential procedure that "ripple starts and stops" pocket feeding. It's designed to maximize production and minimize waste. This greatly increases profitability while decreasing labor and down time enhancing overall productivity. Makeready time is dramatically enhanced and it eliminates the need for re-handling (de-collating) signatures.

The mature technological concept is a convincing feature of the ST270

- saddle stitcher is mid-sheet oriented
- proven shuttle gear transfer system for clamping during standstill
- solid, compact and low-vibration construction of all units
- extreme flexibility of handling different paper and sheet types by height-adjustable and centre movable feeder heads
- ease of operation and central control aids makeready for shortest change-over time of feeders.





- ensures consistent, high product quality by careful handling
- high trimming accuracy - trimming cut made at dead standstill of tapes
- quick change-over to centre trimming attachment
- central supply of blast air and vacuum
- new programmable controller-based control design with fault diagnosis
- neat layout of the stitcher - integrated central control panel with display
- modular design throughout, fully customized and easy to add to

The following units can be integrated in the configuration of the ST270:

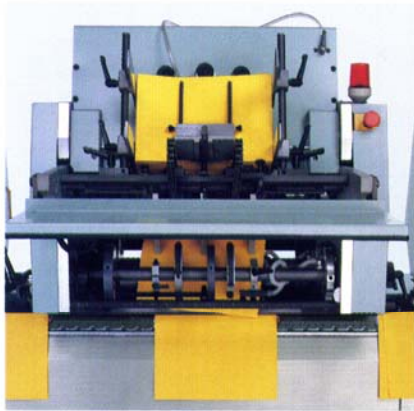
- feeders optionally or mixed and in any arrangement, drum feeders TAS (upright sections) or TAL (flat sections)
- cover folder feeder
- manual feeder
- stitcher
- trimmer
- shingled stream delivery
- compensating stackers BS15 or RS10/11/12
- auxiliary delivery
- Stahl delivery systems

Plus a number of optional facilities, such as:

- exchangeable feeder head position
- triple cutter
- small format transport
- hole punches
- centre cut
- scorer
- card gluer (Clever & Co.)

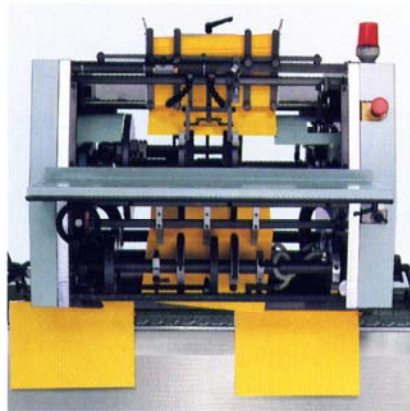
The Heidelberg Stitchmaster can be equipped with up to 16 feeders, including the cover folder feeder.

Drum Feeder ST270 (TAS)



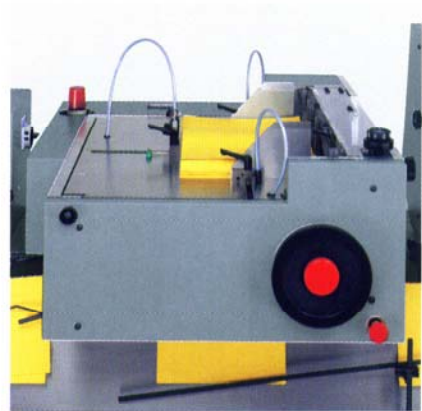
Separates the folded sections standing upright in the magazine and transfers them securely to the gathering chain; large stack capacity.

Drum Feeder ST270 (TAL)



Separates the folded sections laying as a flat pile in the magazine; easy loading quick format-setting of all feeder types.

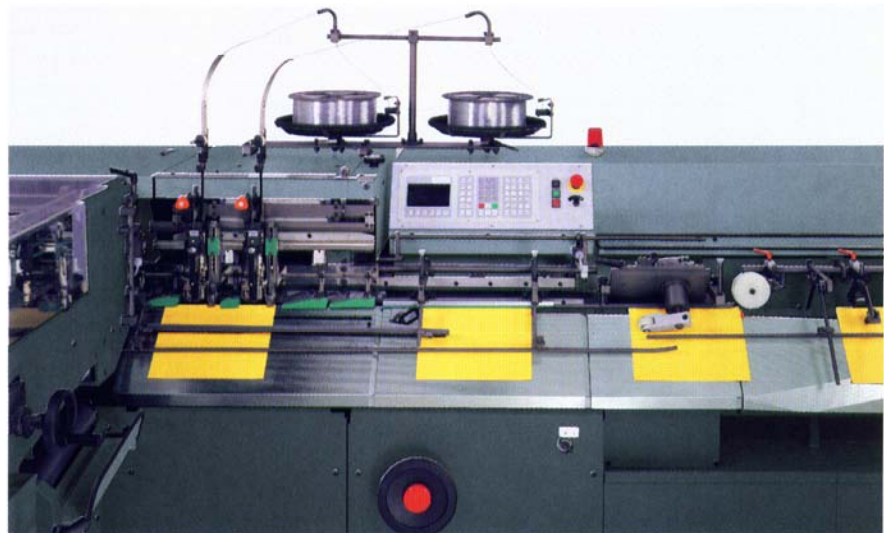
Cover Folder Feeder ST270 (UFA)



Separates the covers at the pile table; cover is creased and then folded accurately.

Stitcher ST270 (HS)

The two stage shuttle transfer system of the stitcher is a new design. The solid, low-vibration design allows smooth product transfer even at permanently high speed. The gathering chain has a small opening angle to ensure positive sheet travel through the machine. The stitcher has a central control panel with display, calliper control, spool holder as well as cascade control.



Trimmer ST270 (TR)

The principal feature of the new trimmer is the main drive whose compact gearing runs in an oil bath. The trimmer works on the following principle: front/head or foot trim of the folded sections at centre of product easy and quick change-over to a new format, digital display of position. The easy-to-adjust transfer table transfers the products accurately

