



**GATHERING AND SEWING LINE
UNIT**



GATHERING AND SEWING LINE mod. UNIT

SMYTH UNIT LINE

THE AUTOMATIC GATHERING AND SEWING LINE mod. UNIT consists of a VERTICAL gatherer SMYTH model P12 connected in line with an Automatic Sewer (series 4D) and it is distinguished by the high production capacity and its low investment.



VERTICAL LOADING GATHERER



It is possible to load two different signatures in a sequential order into the same pocket gatherer if the signatures to gather have a maximum size head to tail no more than 320mm (patented). So the dimensions of the complete line is REDUCED, the loading/unloading operation made by ONLY ONE OPERATOR NECESSARY to the line functioning is facilitated.

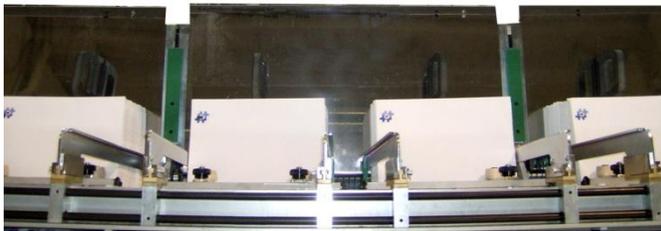
In case of the signature book number are more than the stations gatherer available, the UNIT LINE is equipped with an HAND FEEDING STATION (Standard) to feed manually a PRE GATHERED signature block.

IMPORTANT Even after the installation it is ALWAYS POSSIBLE TO LINK ADDITIONAL GATHERING STATIONS.



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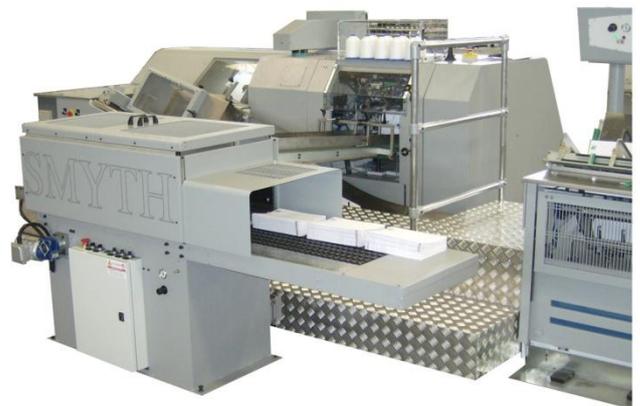
To facilitate the SET-UP of the system, the GATHERER of the new UNIT line is equipped with an AUTOMATIC SET-UP of all the hopper, according to the signature spine size. Also the new GATHERER has an automatic system to recognize the active gathering pockets, eliminating the gatherer programming phase and reducing the starting times.



The GATHERER Freccia P12 is equipped with a serial “TOUCH SCREEN” to check and control the different working phases, giving the possibility to START the gatherer in case of stop of the sewing machine.

STACKER mod. HELPER

In order to make easier the sewn books unloading to the operator, at the end of the line the Stacker mod. Helper is installed. This device gives the possibility to make a sewn books piles at programmable height (up to 150mm) having NOT TURNED book blocks spine.

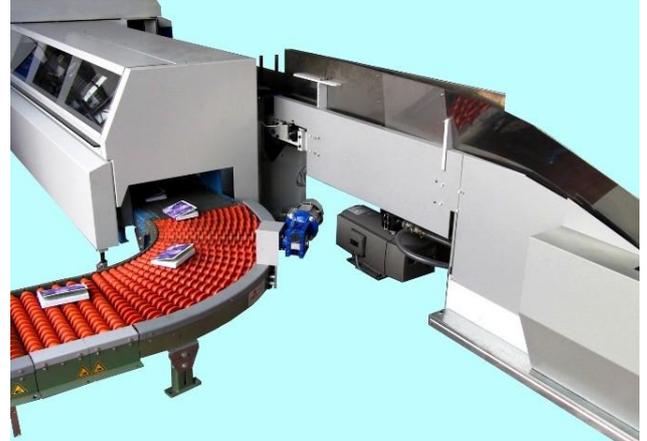


COURIER DEVICE (optional)

To render even more flexible the system, the gathering and sewing line mod. UNIT can be delivered complete with the COURIER. This is a device consisting of a gathered book blocks angle conveyor that, thanks to the gatherer big production capacity, is able to feed the sewing machine in line and a second one out of line at the same time, doubling the production capacity of the whole system.

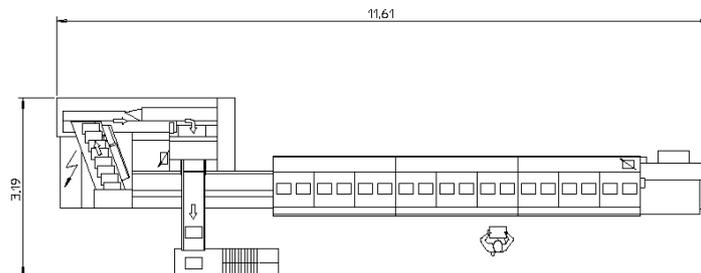
2 WAY GATHERING MACHINE USE (optional)

As additional guarantee of the HIGH FLEXIBILITY USE , the GATHERING MACHINE could be used alternatively in line with the book sewer 4D or in line** with a possible PERFECT BINDER.

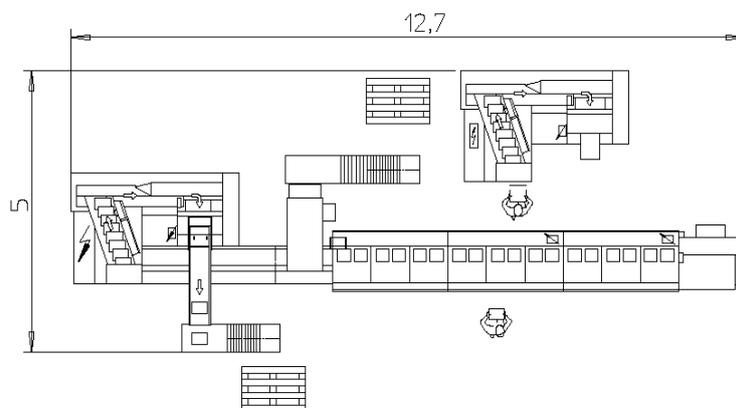


** The special connection system will be evaluated case by case according to the Customer's perfect binder and it is subject to the analysis of the technical feasibility carried out by Smyth, and its final approval.

UNIT LINE: 1 SEWING MACHINE MOD. 4D + 9 (18) GATHERING POCKETS



UNIT LINE + COURIER: 1 SEWING MACHINE MOD. 4D + 9 (18) GATHERING POCKETS



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