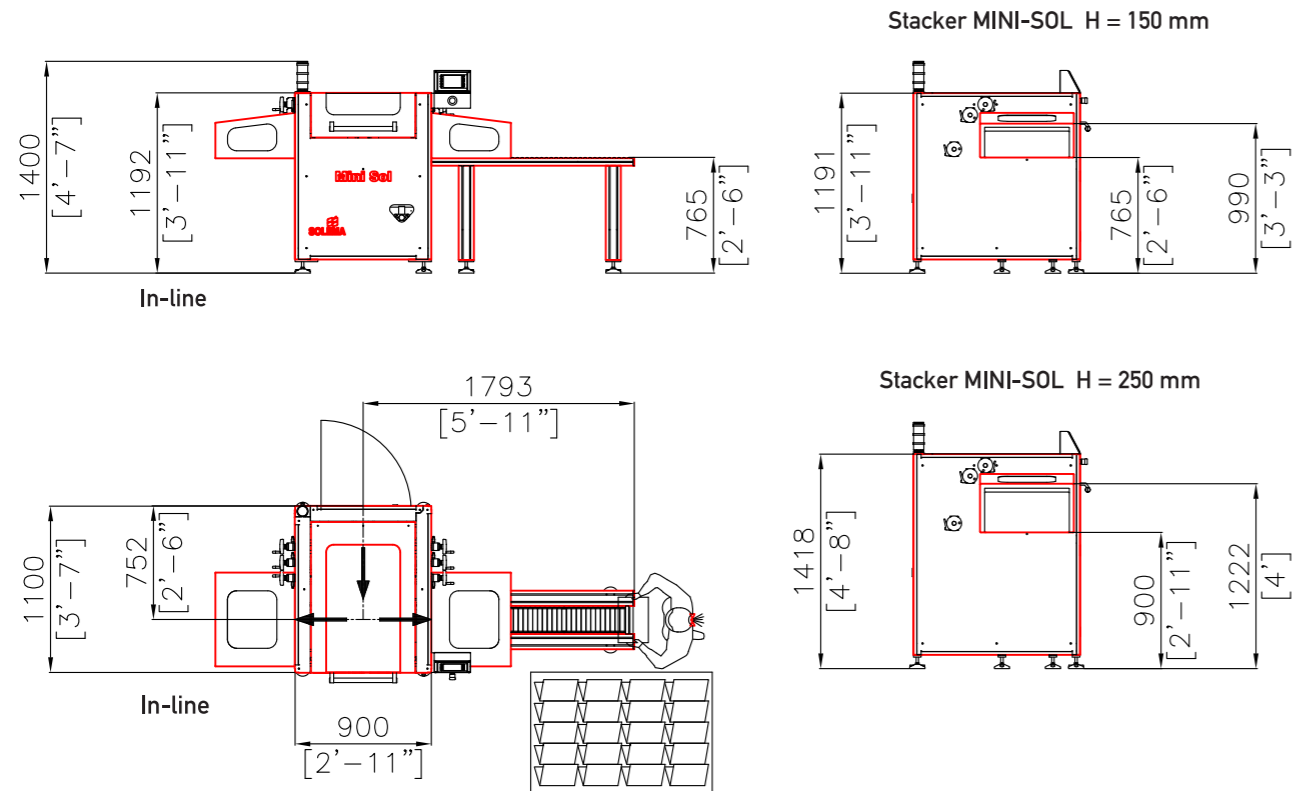


MINI SOL



MINI SOL Stacker



TECHNICAL DETAILS

SPEED OF THE MACHINE

- a) max. 100 products/min
- b) max. 130 products/min
(depending on product's type and size)

SIZE OF THE PRODUCTS (length x width)

- min. 110 mm x 80 mm ($4\frac{21}{64}$ " x $3\frac{9}{64}$ ")
- max. 510 mm x 440 mm ($20\frac{5}{64}$ " x $17\frac{1}{3}$ ")
(other size are available on request)
(continuous side guide available on request: Optional)

THICKNESS OF THE PRODUCTS

- min. 3 mm ($\frac{1}{8}$ ")
- a) max. 75 mm (3")
- b) max. 80 mm ($3\frac{1}{8}$ ")

HEIGHT OF THE PRE-STACKING STATION

- max. 50 mm (2")

MAXIMUM HEIGHT OF THE PILE

- a) 150 mm ($5\frac{7}{8}$ ")
- b) 250 mm ($9\frac{4}{5}$ ")
(depending on type the machine)
(other size are available on request Optional)

SPECIAL STACKER FOR DOUBLE FORMAT

SIZE OF THE PRODUCTS (length x width x thickness)

- min. *200 mm x 109 mm x 3 mm ($7\frac{7}{64}$ " x $4\frac{19}{64}$ " x $\frac{7}{64}$ ")
- *each product 100 mm x 109 mm x 3 mm (4 " x $4\frac{19}{64}$ " x $\frac{7}{64}$ ")
- max. 510 mm x 240 mm x 80 mm ($20\frac{5}{64}$ " x $9\frac{7}{16}$ " x $3\frac{9}{64}$ ")

SIZE-CHANGE

- Manual through hand-wheels

OPERATOR INTERFACE

- Graphic land 5.7" QVGA Color LCD – Touch screen

POWER SUPPLY

- approx. 2 kw - 3 x 400V PNE 50hz

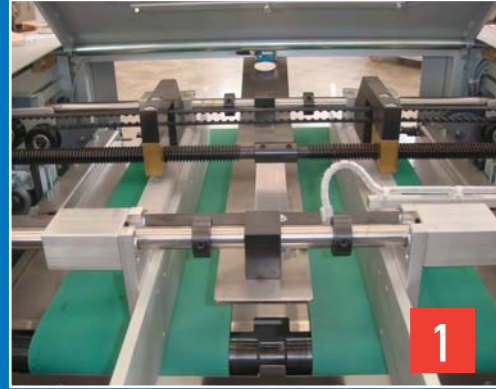
WEIGHT OF THE MACHINE

- approx. 550 kg

AIR SUPPLY

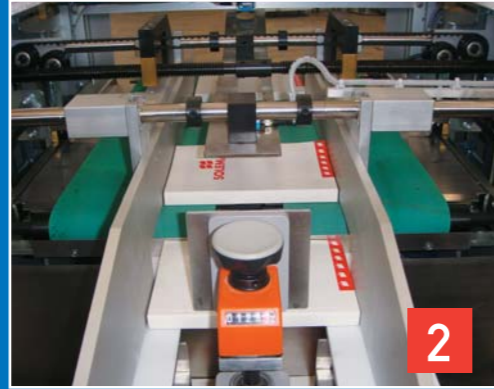
- approx. 1.5 m³/h

INFEED TELESCOPIC LAUNCHING BELT



INFEED TELESCOPIC LAUNCHING BELT: Conveys the products inside the machine, the group of side guides build on it allign the products before launching.

PRE-STACKING STATION



PRE-STACKING STATION: It is 50mm height and ensures a gentle and straight falling of the books in the main stacking station. Its grids are pneumatically moved, thought one cylinder machanicly connected to both.

MAIN STACKING STATION



MAIN STACKING STATION: It is made of a special stainless sheet steel to handle the books without marking. It is 250/150 mm height.

PUSHER



PUSHER: The poliethilene pusher is delivering the products at the exit of the stacker. It is setted from the operator before begin the production and can deliver on left or right side, when using one of the exits, the second one can be pre-setted for emergency in case of downstream stops.

CONTROL PANEL



CONTROL PANEL: The control panel is installed on the machine to set the different working processes.

Mini Sol is a compact and cheap stacker that thanks to its ductility can be exploited for many different uses.

It can be installed as emergency stacker in case of stop of the downstream machine, to pre-stack before a three knife trimmer or at the end of an automation line. Very usefull in case of semi-finished products where it's not necessary to compensate the spines. This machine is designed through an accurate chosing of the finest materials, to allow to stack both soft cover and hard cover products.

The cover on the top, allow a very easy access to all the parts of the machine for maintenance an cleaning.

The machine can be built with different infeed/exit heights depending on the application. Through the user-friendly panel on the front side of the machine, the operator can set the speed, plan the height of the pile and check the number of the copies ran. Three easy-accessible hand-wheels allow to adjust the internal guides to ensure a fast make ready. After the products come into the machine, a telescopic launching conveyor deliver them to the pre-stacking unit. This station is about 50mm height and its grids are pneumatically moved. Once it is open the books fall into the main hopper where the pile is composed.

A gentle pusher, convey the pile toward the pre-setted exit.

The pusher position it self as close as possible to the pile calculating the position from the entered book size, in order to shorten the expulsion stroke to the minimum possible and getting therefore the best maximum speed.

