

TECHNICAL FEATURES

TYPE	BAILYPACK 5 FOR METAL PAILS	BAILYPACK 20 FOR METAL PAILS
Diameter	from 153 to 195 mm	from 240 to 328 mm
Height	from 110 to 300 mm	from 200 to 500 mm
Production speed	60 cpm	50 cpm
Wire diameter	2.5 to 2.8 mm	3.7 to 3.9 mm



Touchscreen panel

VERY ADVANCED CONTROL COMMAND

- Easy-to-use tactile control panel using Siemens technology
- The adjustment parameters can be saved in recipes
- Diagnosis page showing all motor and servomotor parameters
- Inching mode for an easier maintenance
- VPN remote control
- Welding control supplied by ARO



BAILYPACK 5 TO 10

TO PLACE BAILS ON METALLIC PAILS

SABATIER BAILYPACK MACHINE BENEFITS OF ALL THE ADVANTAGES OF SABATIER TECHNOLOGY

COMPACT
 FLEXIBLE
 HIGH SPEED CAPACITY
 EFFICIENT



Our advantages:

- ALL MOVEMENTS ARE CONTROLLED BY SERVO-DRIVES i.e. NO HYDRAULIC
- VERY ADVANCED CONTROL-COMMAND THUS OFFERING AN UNEQUALLED FLEXIBILITY OF USE AND SAFETY LEVEL

INDEXING STATION

Equipped with two sensors using two different technologies:

- Optical fiber to detect the welding line contrast
- Ultrasonic sensor to detect the edge of the welding overlap
- The machine is therefore able to adapt to any kind of metal thickness and lithography
- Indexing precision; +/- 2mm to +/- 5mm depending on the pail diameter and the production speed

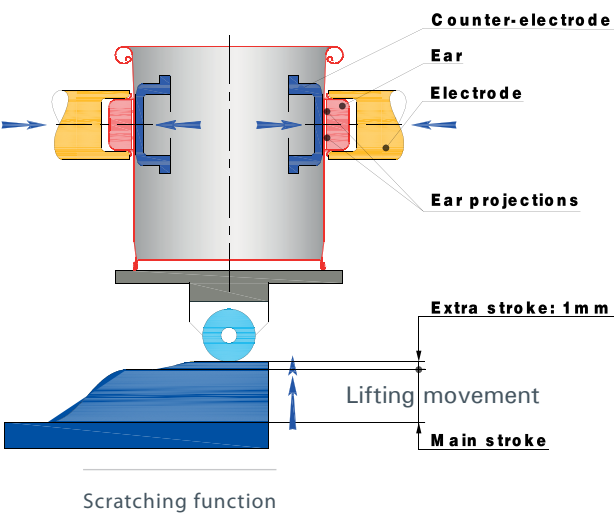


Sensor detection

EAR WELDING

The ears are automatically fed via two vibrating bowls.

- The electrodes are made of copper alloy CRM16
- Counter-electrodes are in tungsten carbide
- During the welding operations, the pressure is controlled by air cylinders with a pressure limiter.
- Unique and original ear scratching function on the pail canbody: piercing of more resistant coatings is therefore possible while ensuring optimal electrical continuity
- Adjustment of the ear height is performed from the control panel (precision +/-1mm)
- 16 different welding programs with a number of adjustable parameters
 - Number of periods of the sinusoid: division by half periods, i.e. 1/2 period, 1 period, 1 1/2 period, etc...
 - Pre-heating time
 - Maximum current from 0 to 100%
- The welding program can be selected from the control panel and be recorded into the recipes of the control panel
- Galvanized ears or square ears are possible



Regular ears



Square galvanized ear



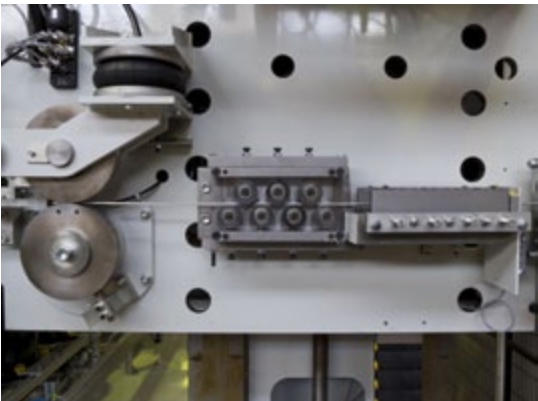
Ear welding

OPTIONS

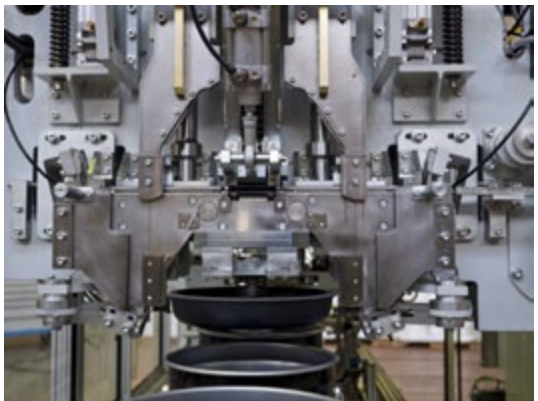
- To increase the autonomy of your equipment, Sabatier offers the possibility to add an automatic elevator for the ears.



Elevator for the ears and vibrating bowl

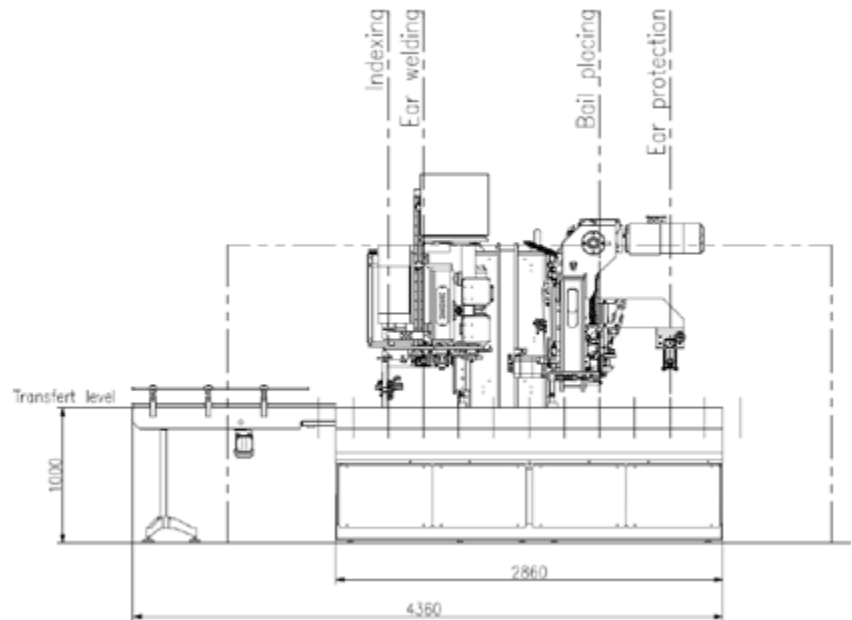


Wire straightener from a wire coil



Bail shaping

Bailpack 5



Bailpack

