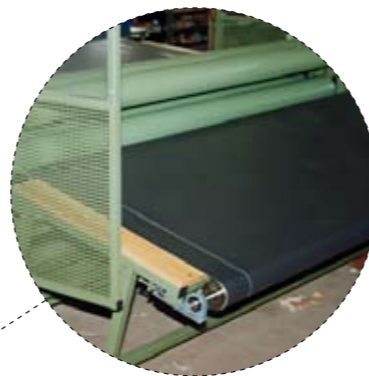


Kinna Automatic AB customize cost efficient solutions for the production of pillows. The factory lay out and the card production determines how the production line will be developed. From a complete line, fibre to packed pillows or select various sections of the production line as required, with the possibility of adding on other sections later. The production lines can also be adopted for blow fibres and bolsters. The lay out of each production line is confirmed in association with the customer before manufacturing the machines. All machines are tested in Sweden prior to delivery, to secure a fast and cost efficient installation. The machines are easy to operate, which shortens the learning period. Kinna Automatic AB machines give a low production cost and good, consistent quality of products.

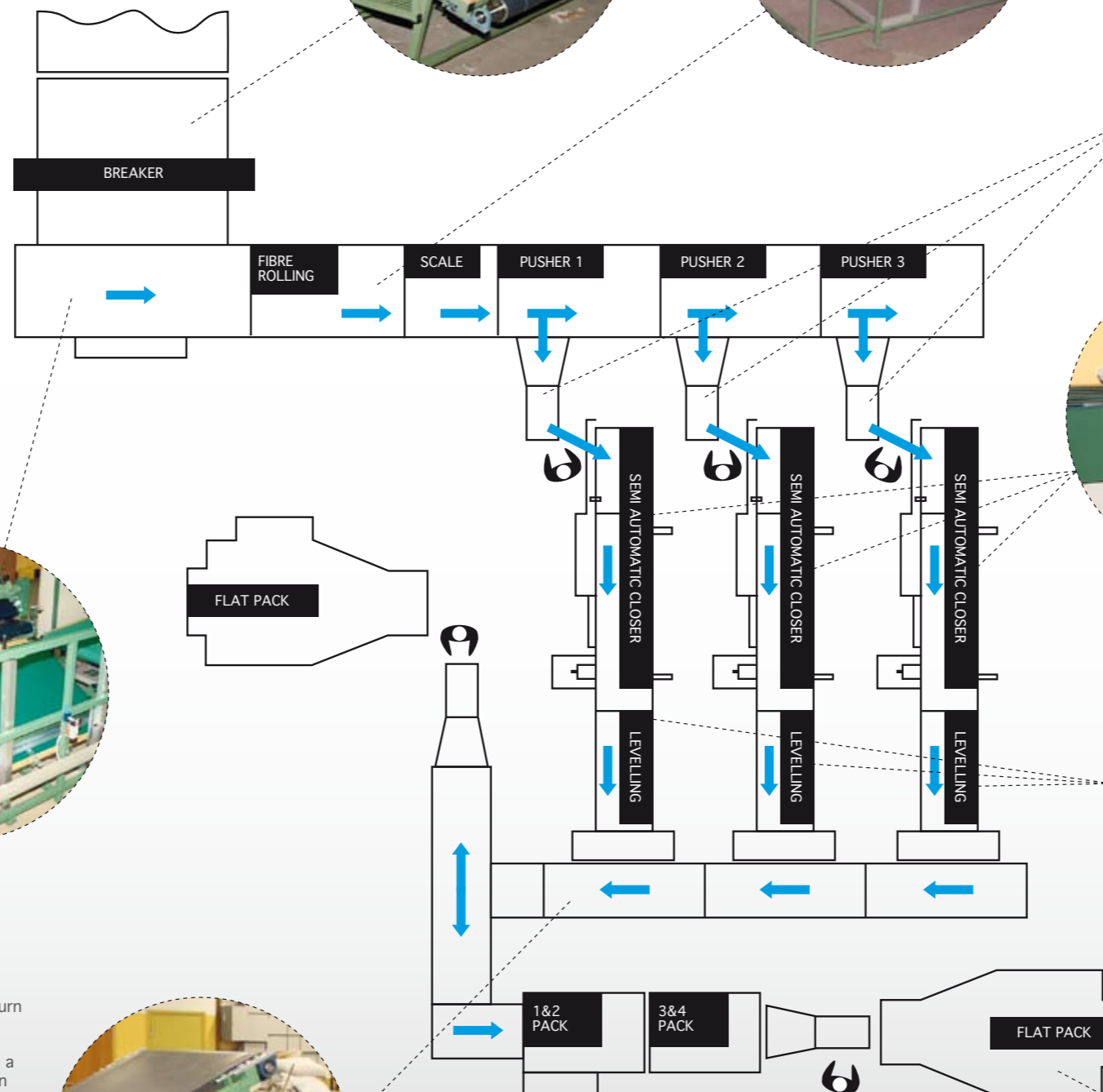
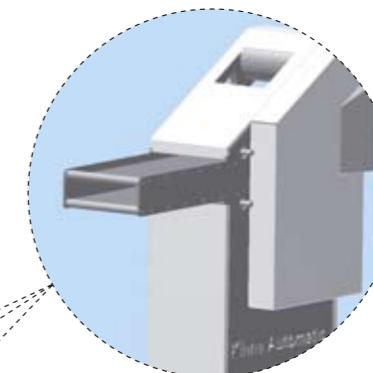
VK116
After the card's cross lapper the fibre is fed into the breaker section and through the breaker rollers where the fibre is broken off (cut) to a size the width of the pillow. The break length is easily adjusted for the different sizes.



VR110
The fibre rolling section rolls the fiber before it's fed into the scales or the filling unit.



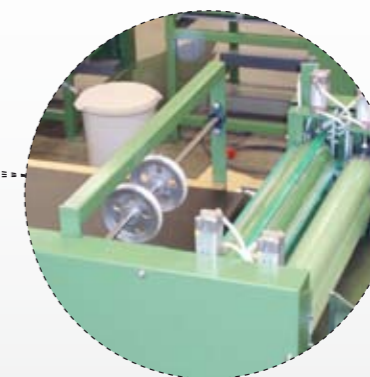
KF109 FILLING UNIT
The cards capacity determines how many pushers or conveyors and filling units will be required. The rolled fibre is fed into the filling unit, where an operator applies the pillow tick.



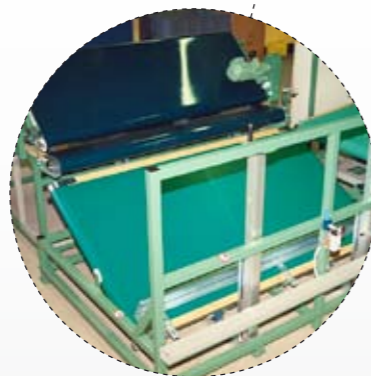
KS108 SEMI AUTOMATIC CLOSER
The operator place the filled pillow in 2 clamps in the semi automatic closing machine. The machine is designed for closing the open end of the pillow by overlocking. The overlocking seam can either be flat or rolled. There is also a choice of label dispenser units, one, two or three, to dispense the labels into the seam, depending on the number of labels required. One label dispenser unit is supplied as standard. Production: 360-540 pillows/hour, depending on the pillow size



BM122 LEVELLING
To have the fibre evenly distributed in the pillow, this machine pounds the fibre back towards the side sewn in the semi automatic closing machine.



The fibre batch is fed out onto the cross lifting conveyor to a fixed position to enter into the rolling station.



TB120
After the levelling the pillows are fed out onto a turn conveyor to turn the pillow to a chosen direction. The pillow then travel up or under to the step conveyor to be stepped out onto the conveyor to a minimum working distance. Then transported to an operator or through the 1 & 2-pack or 3 & 4-pack. The operator selects the appropriate switch for the number of pillows to be packed in the bag. After this the pillows are fed into the appropriate size filling unit (1,2,3 or 4 pack) where an operator has applied the appropriate size plastic bag.



FLAT PACK MACHINE
The plastic bag, filled with pillows, is placed into the machine that compress the contents and seals the plastic bag.