

The "Red Line" — The WLS-Gimpel System for maximum outputs of about 2000-3800 kg/h.

The high-performance plant, 18" working width (about 460 mm) with 6 precut strips, equipped for automatic sheet takeoff.

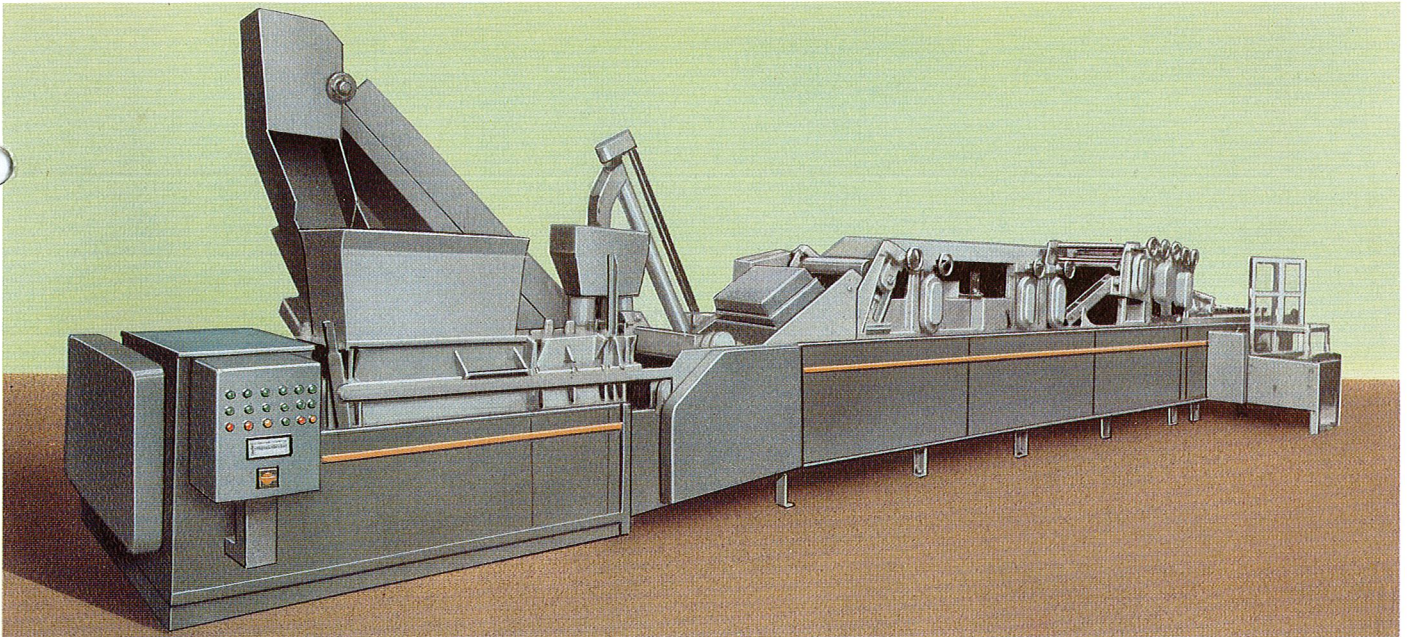


Fig. 14 18"-machine for high output requirements with tray carriage

to the top of the extruded sheet. The uniform application of sugar prevents the sheet from sticking to machinery parts during processing (Fig. 11).

Metal detector (optional equipment) may be inserted at this point, which detects any metal particles and thus offers additional protection from foreign bodies. The sheet entering the **first rolling station** is about 15 mm thick. The reducing rolls press the confectioner's sugar into the surface of the chewing gum sheet. Several reducing rolling stations bring the sheet to final thickness. The excess confectioner's sugar is removed between the second and third reducing stations. The removal of the excess sugar gives the finish product a better appearance. The excess sugar is removed by suction and transported to a storage tank (Fig. 3).

The sheet reduced to finished thickness is cut lengthwise into strips by the first cutting station, and the excess width is removed. The succeeding cutting station cuts the strips across with each revolution.

The resulting precut sheet is guided

over a draw-off belt and separated from the ribbon. The trim from the sheet is returned to the extruder for reprocessing (Fig. 11). The takeoff can be either hand or automatic in the 9" and 12" plants. With manual takeoff, the sheets fall into pallets (trays) held in readiness (see cover picture).

The automatic takeoff (Tray Carriage Fig. 13) receives the sheets in continuously rotating trays and stacks the sheets in a programmed number of layers.

Fully laden trays pass over a delivery table to the outside and are put down manually on a skid. The empty trays are automatically returned to the takeoff device.

The 18" high-performance plant (Fig. 14) is equipped with a complete sugar distributing and return system. The confectioner's sugar is automatically deposited on the sheet, sifted and returned to the storage silo via a screw conveyor system (Fig. 15). This results in optimum utilization of the confectioner's sugar.

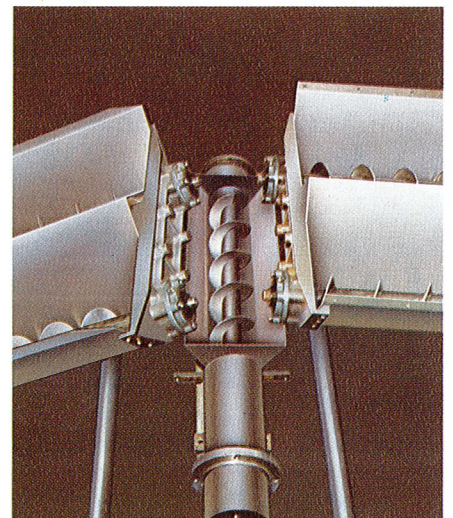


Fig. 15 Sugar return system

WLS machines are constantly being improved. The data published herein, is subject to revisions and design changes as the state of technique and products change. WLS should be contacted directly for the latest designed equipment and information.