The purpose of this paper is to introduce some new types of chewing gum and some unique methods to manufacture these products.

The idea behind this development was to find new products that could be manufactured with confectionery equipment not traditionally used for chewing gum. Producers who manufacture other confectionery products can thus enter into the chewing gum market with innovative products made on equipment they already have.

**POWDERED GUM**

Powdered or granulated chewing gum, either compressed (tablet) or compacted (briquette), is an ideal carrier of active ingredients for breath freshener, oral care, cosmetic and nutritional applications, and a delivery system for over the counter (OTC) medicated gum.

Tableting granulated chewing gum does not require a different technology from the one regularly used in confectionery or pharmaceutical industries. The tableting process is carried out by two punches (upper and lower) that catch an amount of powder between them and compact it and shape the tablet.

Rotary tableting machines are commonly used for industrial production. The punches, placed in a revolving drum, act in a continuous and successive way. This technology provides a quick, reliable, flexible and efficient production system for breath-freshener chewing gum.

Tableting machines also deliver very uniform shape and size pieces, which is important to the pharmaceutical industry for controlling the dosage. Powdered gum can be made moisture-free, thereby providing a good media for sensitive, active pharmaceutical agents.

Briquetting machines have two forming rollers that compress the powdered material together using a low compression force. This works very well with the chewing gum powder because higher pressure can lead to sticking.