

## GUM CHICLET PRODUCTION LINE

### FOR THE MANUFACTURE OF CHICLET TYPE SUGAR COATED GUM PRODUCTS

The chewing gum production line starts with the extrusion of a gum base into a 300mm wide sheet. Next, the gum sheet undergoes an automated powdering process on both its top and bottom surfaces to prevent sticking. Following this, the sheet's thickness is reduced through a six-gauge roller unit, ensuring uniformity before it advances to a powder vacuum unit for the removal of excess powder.

Subsequently, the gum sheet is processed through a scouring and cutting unit, where it is segmented into smaller sheets. During this phase, rollers imprint the desired chiclet/stick patterns onto the gum, preparing it for the next stage. Once imprinted, the sheets are manually transferred by an operator for hardening, a process that can be expedited with the use of a refrigerated cooling tunnel, if necessary.

After hardening, the gum sheets are transferred into a breaking and sieving drum to separate into individual pieces, simultaneously removing any unwanted crumb webbing. For the final touch, a 1000mm coating pan is available to envelop the gum pieces in a sugar and glaze coating, enhancing their appeal and flavor.

### FEATURES

- Gum sheet extruder, 300mm sheet
- Conveying
- Powder spreader
- 6-stage sheet roller, 300mm wide
- Powder Vacuum unit
- Gum strip scouring and sheet cutting machine
- Scrap return conveyor
- Conveying



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### SPECIFICATIONS

#### Dimensions

Extruder – (L)1500mm x (W)700mm x (H)1300mm  
Rolling - (L)2400mm x (W)750mm x (H)1200mm  
Scouring - (L)1000mm x (W)780mm x (H)1150mm  
Cutting - (L)1000mm x (W)250mm x (H)1420mm  
Sieving - (L)2080mm x (W)750mm x (H)1420mm  
Coating Pan- (L)1000mm x (W)1000mm x (H)1600mm

#### Power

Extruder – 15.2Kw  
Rolling – 4.1Kw  
Scouring - 2.1Kw  
Cutting – 1.5Kw  
Sieving – 1.5Kw  
Coating Pan- 1.1Kw

#### Capacity

Extruder – 300kg  
Rolling – 300kg  
Scouring - 300kg  
Cutting – 300kg  
Sieving – 300kg  
Coating Pan – 45 – 90Kg

