



This conveyor is part of a plant which packages bite sized confectionery into thirty-gram packets at one hundred packets per minute. It interfaces between a multi head weighing machine and a packing machine, which makes and closes the packets.

The multi head weighing machine dispenses the confectionery in thirty gram lots and discharges them through a 60 mm diameter chute. The packing machine erects the packets, which have a filling opening of 47mm x 17 mm and loads them onto a conveyor, which carries them past the stationary multi, head weighing machine at a speed of 16 m/min.

The conveyor buckets travel at the same speed as the packing machine and are set so that their discharge ends, which match those of the packets, are aligned with the corresponding positions carrying the packets. As they pass the multi head weighing machine they catch the confectionery as it is discharged and hold it and carry it around until when they are positioned over a packet they release their load into the open mouth of the packet.

If no packet is present the hopper does not release and signals the multi head weighing machine to withhold discharging until such time as the fault is corrected and normal running can resume.

An Interfacing Batching Conveyor:

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