

ABSTRACT

SEQUENTIAL PELLET LOADING STATION

The pellet loading station facilitates sequential pellet loading process for a semiconductor packaging tools. The station includes a pellet container fixed in a generally vertical position. The container has top opening a bottom opening. At the bottom opening is an inclined guide plate for directing the pellets which are discharged out of the bottom opening. A chain drive is disposed in the station such that it receives the pellets from the inclined guide plate. The chain drive has a belt with a plurality of grooves wherein each of the grooves is designed to accept a single row of pellets. The chain drive is driven by a conventional set of motorized wheels.

Fig. 2.

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