



**CAP FEEDING & SORTING**— Two colors of caps are bulk loaded into an EP-4 prefeeder (elevating style prefeeder with 4 cubic foot hopper storage capacity for the product). The product is metered into an FR-30 Hoppmann Centrifugal Feeder. The caps are oriented open side up. They are then sorted by color utilizing the Tri-tronics Smart-eye photo inspection system. The feeder has a dual lane discharge. The red caps exit one lane onto a FlexLink model XL conveyor and are returned to the hopper. The white caps exit a second lane onto another FlexLink conveyor which returns the product to the hopper for recirculation