Wrabacon designs and manufactures conveyors to meet all needs and applications. The pair shown here are retracting conveyors and were designed with the retract on the infeed to dump product not wanted downstream. The retract distance on these particular conveyors is 10 inches. A retract conveyor can be designed for any length of product, as long as the fixed section of the conveyor is approximately 2-1/2 times the length of the retract portion. The retracting section can be at the infeed or discharge, depending on the customer’s needs. Some of our customers prefer a retracting discharge for their metal detector conveyors simply as a means of locally collecting and retaining rejected product, or because of space limitations on either side of the conveyor that does not permit use of a push off or blow off system. Speed of product (FPM) and length of retract are key factors in determining if this type of conveyor will suit your needs.