

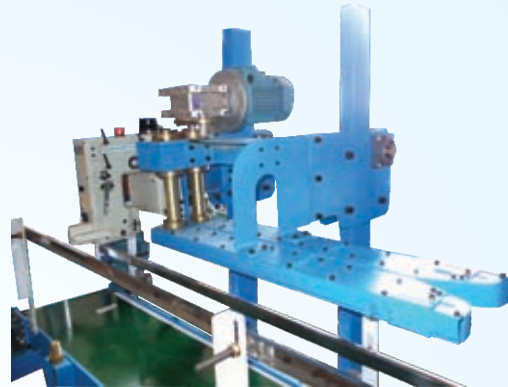


**TECHNO WEIGH  
SYSTEMS PVT. LTD.**

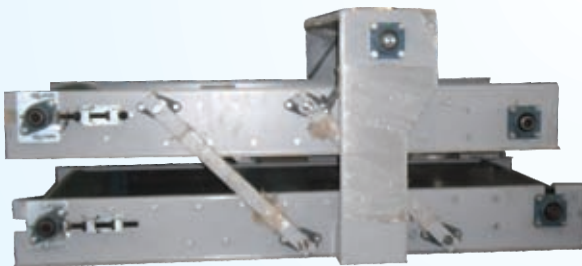
**BAG HANDLING & CLOSING**



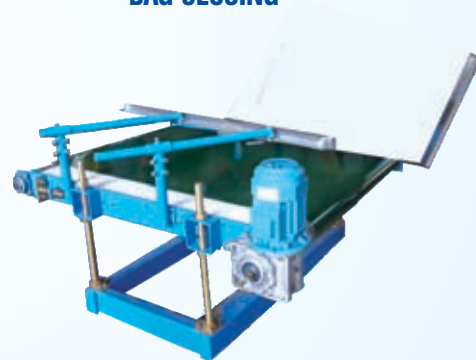
**CHECK WEIGHER**



**BAG CLOSING**



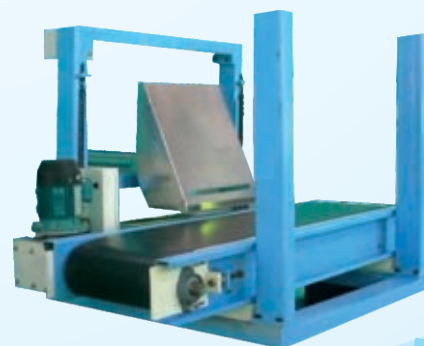
**BAG FLATTENER**



**BAG TURNER**



**BAG INKJET PRINTER**



**BAG KICKER**

## CHECK WEIGHER

A Check weigher is a system that weighs items as they pass through the unit, classifies the items by preset weight zones, and ejects or sorts the items based on their classification. Check weighers weigh 100% of the items on a production line.

Typically, an in feed section, scale section, discharge section, rejecter and computerized control comprise the physical check weighing system.

“Simply stated, a check weigher weighs, classifies, & segregates items by weight”

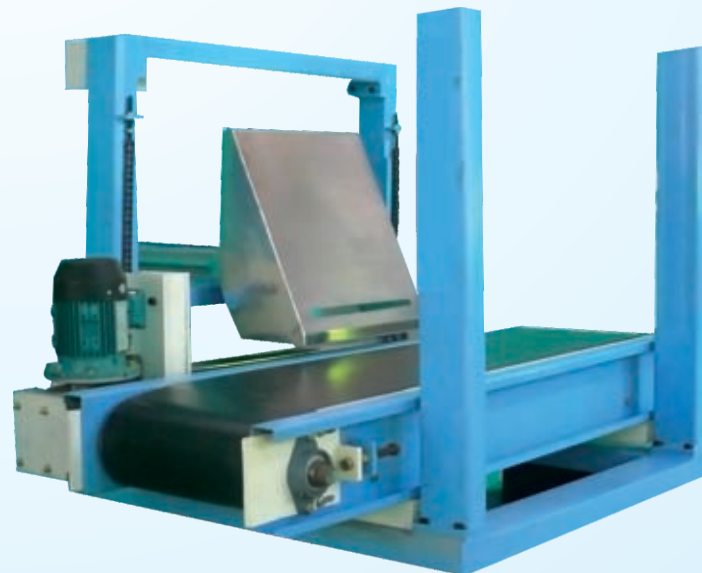
**An automatic check weigher incorporates a series of Belts**  
Typically, there are three belts :

- An in feed belt that may change the speed of the package and to bring it up or down to a speed required for weighing.
- A weigh belt. This is typically mounted on a weight transducer which can typically be a strain-gauge load cell or a servo-balance or sometimes known as a split-beam.
- A reject conveyor to enable the out-of-tolerance packages to be removed from the normal flow while still moving at the conveyor velocity. The reject mechanism can be one of several types. Among these are a simple pneumatic pusher to push the reject pack sideways from the belt, a diverting arm to sweep the pack sideways and a reject belt that lowers. A typical check weigher usually has a bin to collect the out-of-tolerance packs.



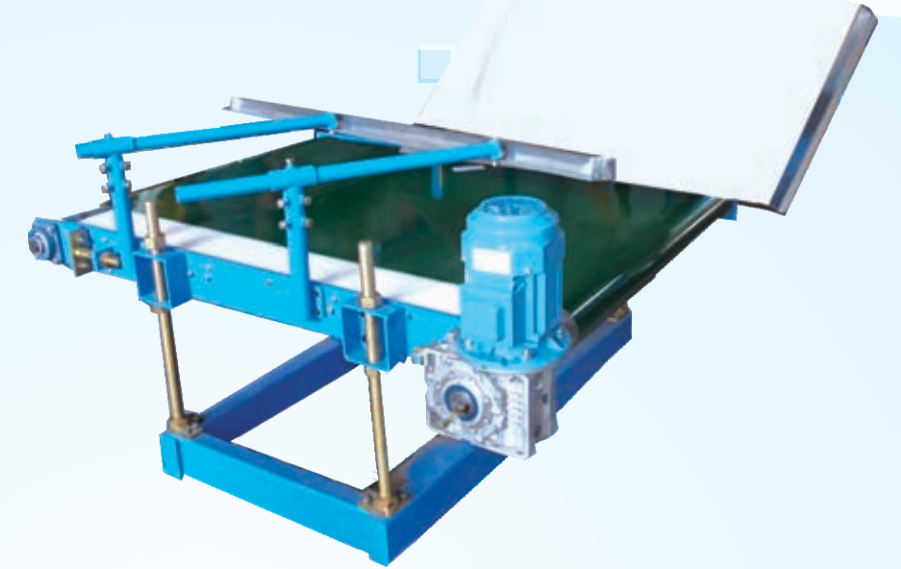
## BAG KICKER

Bag Kicker Assembly are specially designed to aid in the 90 Degree (Right Angle) transfer of Filled open mouth bags from preceding upstream bag closing conveyors to downstream conveyors. When the conveying line requires an abrupt change in direction or when the Filled Bag must change in order to enter into a bag palletizing system in the correct orientation.



## BAG TURNER

An in line fall and turn unit is available and it consists of a conveyor with mechanical devices to lay the bag over and position it.



## BAG FLATTENER

Bag flatteners are Belt conveyors that flatten filled bags for uniform stacking.

Filled bags pass between two sets of Belt conveyors that automatically compress and shape the bags to a uniform "brick-like" shape for better palletizing. Uniformly flattened bags ensure less product spillage and product damage due to uneven pallet loads.

Bag Flatteners are usually located after a Bag Kicker/Bag Turner and before a Transfer conveyor.

It can also be of Single Roller construction.



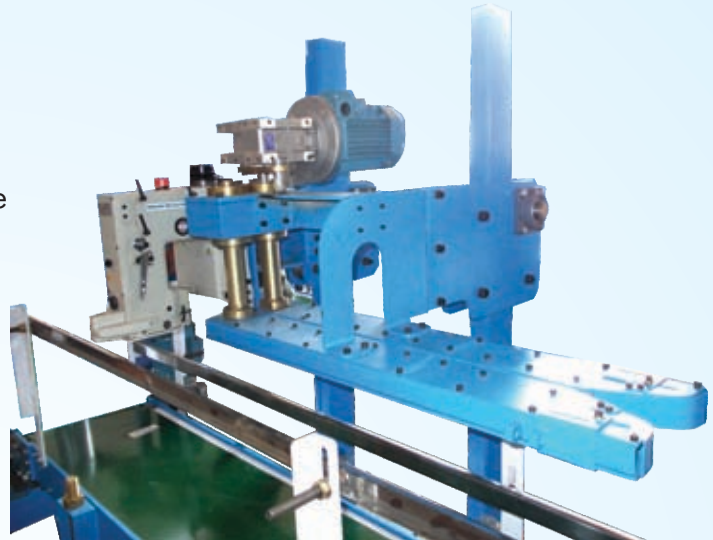
## BAG CLOSING

For closing bag closing equipment, from hand-held portables to high-speed bag sewing systems. The equipment are specifically designed to meet the needs of low, medium and high volume bag closing operations all types of filled bags, we have a full range of innovative

- Sewing
- Folding and Sewing
- Sealing
- Sealing In liner and Sewing outer bag
- Double folding and closing with hot melt
- Closing Pinch bag by folding & reactivating the glue

Also available are a wide variety of accessories including

- Bag-top folders, thread, bag coders,
- Thread break detectors
- Whether the application is for plain sewing or
- Multi-wall paper bags or
- Woven polypropylene or
- Jute bags



### TECHNICAL DATA

- Stitch type: single needle, double thread chain stitch
- Stitch range: 2.0 – 3.0 spi (2.5 standard)
- Stitch width: 2.5 spi standard
- Speed: 35 to 55 ft. /min.
- Material thickness: 0.3" (8mm) maximum

## BAG INKJET PRINTER

It is a type of computer printing that recreates a digital image by propelling droplets of ink onto paper, plastic or other substrates. Inkjet printers are the most commonly used type of printer, and range from small inexpensive consumer models to expensive professional machines.



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