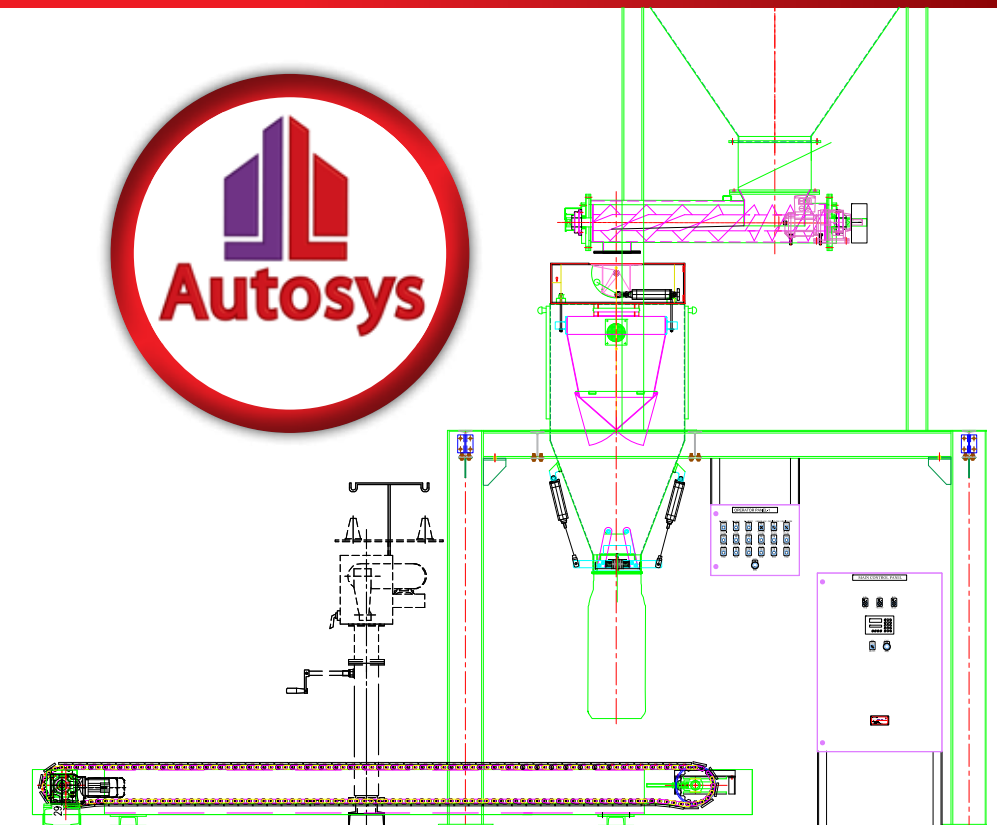




BAGGING MACHINES

SAMPLE INDUSTRIES

Cattle / Poultry Feed, Refractories, Fertilizers, Food grains, Food Products, Cement, Solvent Extractions, Chemicals, Plastic Granules, Fasteners...



RANGE

- 25-50 Kgs • 50-100 Kgs
- 250-1000 Kgs
- Custom ranges are also offered

TYPES OF BAGGING MACHINES

- Valved Bags
- Open Mouth Bags
- FFS Bags

TYPES OF BAGGING MACHINES OFFERED BY Autosys™

VALVED BAGS

Powder materials filled through propulsion and valve sealed by ultra-sound.

OPEN-MOUTH BAGS

Granular and powder materials, pre-weighed and fed in to open mouth bags. Sealed by Stitching, folded stitching, Crepe tab deposit, folding and gluing, welding etc.

FFS BAGS

Form – Fill – Seal : The bag is either formed from plastic tubular film with gusset (FFS) or from flat film (VFFS). Filled with pre-weighed material and sealed.

WEIGHING BEFORE BAGGING

To comply with latest government regulations and also ensure that excess material is not un-necessarily added to the bag, it is important to weigh the material accurately before it is filled in the bag. We provide gravity and or screw based feeders, load cell based weigh hoppers / buckets and high precision microprocessor controllers to pre-weigh the material accurately.

HIGH SPEED BAGGING WITH ACCURATE NET WEIGHT.

High speed, slow speed and very slow speed feeding (Coarse, Fine, Super fine / Dribble) mechanisms are combined to ensure high accuracy of weighing without compromising on speed / throughput / no. of bags per hour.

INFLIGHT COMPENSATION

Inflight weight is the weight of material falling in to the weighing bucket after the final feeding is cut off. Inflight quantity varies with the level of material in the storage bin. The machine controller is programmed to automatically adjust the feeding and cut off to compensate for the Inflight weight..

The three speed filling method reduces inflight quantity, thus ensuring accuracy, irrespective of the level of material in the storage bin.

SEMI-AUTOMATIC BAGGING

By combining optimum level of labour and automation, we can also provide cost effective solutions without compromising on accuracy or speed. Foot pedal operated systems are one such example. The weighing and feeding is automatic, whereas the bag holding, stitching etc. can be manual.

CONTROLLER : KEY FEATURES:

- Microprocessor controlled, Load cell based weighing
- No moving parts in weighing, less maintenance.
- Three speed filling: Coarse, Fine, Superfine/Dribble.
- Actual weight of each bag is displayed on controller.
- Programmable Inflight compensation.
- Tolerance limit (+ or -) for alarm and manual intervention
- Auto-tare of the machine before starting each weighing cycle.
- Keypad to change target weight, coarse, fine and superfine set points.
- Error messages and diagnostic system for reduced down time
- Simplified electrical panel with 24 volt DC control circuit
- Trouble free operation even in dusty atmosphere.
- Bag counter and Total Quantity packed report – hourly, shift wise and day wise.

OPTIONAL ADDITIONS

- Automatic palletizer – Robotic or Semi – automatic
- Automatic pallet dispenser
- Automatic bag placer
- Automatic shrink wrapping
- Automatic stretch wrapping
- Vibrating platform for jumbo bag Filling
- Telescopic chute for bag height adjustment



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