



**TECHNO WEIGH
SYSTEMS PVT. LTD.**

TAB Series

GROSS BAGGING WEIGHER



Total Solutions for Filling Open Mouth Bags

BAGGING WEIGHER

Bagging Weighers are used for filling preset weight of material in Bags.

Techno Weigh Systems manufactures both Net and Gross type Bagging Machines for open mouth bags.

In Net type Bagging Machine material is weighed in a Weigh hopper mounted on loadcells and then discharged to bag.

In Gross type Machines material is directly fed and weighed in the bag.

GROSS BAGGING

In Gross Filling Machines material is weighed directly in the bag.

The machines use microcomputer technology combined with load cell technology to provide comprehensive and flexible control.

Depending upon the flow characteristics of the material, Gravity feeder, Screw feeder, Vibrator feeder or Belt feeders are used for feeding material from the surge hopper to the weigh hopper.

- Full loadcell weigher
- Two loadcell suspension
- Weigh hopper design ensures rapid discharge
- Automatic overflow compensation
- Adjustable coarse and feed rate and quantity
- Micro controller controlled
- Gravity, Belt, Screw, Vibratory or multiple feeder assembly with two or three speed feed arrangement
- Ten programme weigh options selectable through front panel for packing of bags of different capacities
- RS 485 Interface

Dust collection points are provided for dust free operation.

All relevant data for optimizing bagging cycle can be set through the controllers. Precision control is provided with auto taring, auto inflight adjustment, auto fine feed quantity.

De-aeration, arrangement incorporated in the machine or stand alone de-aeration arrangements can be provided for de-aerated powder packing.



SWIFT

Designed to meet the harsh demand of Industrial environment, TAB C01-02 series SWIFT controller has built in protection against mains voltage fluctuations and electrical interference.

SWIFT is easy to set due to its large graphic LCD display. It optimizes through auto compensation, auto zero and dribble feed quantity control.

Modbus RTU 2 or 4 wire is provided for remote setting and reporting.

Reports of total number of bags and weight of bags packed hourly can be calculated.



MATERIAL FEEDERS

Bagging Weigher demands fast and precise feeding of material



GRAVITY FEEDER

Gravity feeder is used for feeding free flowing granular material. Coarse and fine feed flaps are adjustable



BELT FEEDER

Belt feeder is used for Bagging semi free flowing material or material with lumps



SCREW FEEDER

Single or twin screw feeders are used for feeding fine powders like milk powder, flour, chemical etc.

OTHERS

Vibratory feeders are used for feeding materials like cake, flakes. Multi-feed combinations are also provided

1. Bag is clamped by the operator.
2. Weight of the empty bag is tared.
3. Material is fed from the surge hopper to the Bag at main feed.
4. At preset weight main feed is cut off and material is fed at fine feed.
5. On achieving the target weight fine feed is cut off.
6. After filling the bag is automatically un-clamped from the Bag Clamp.

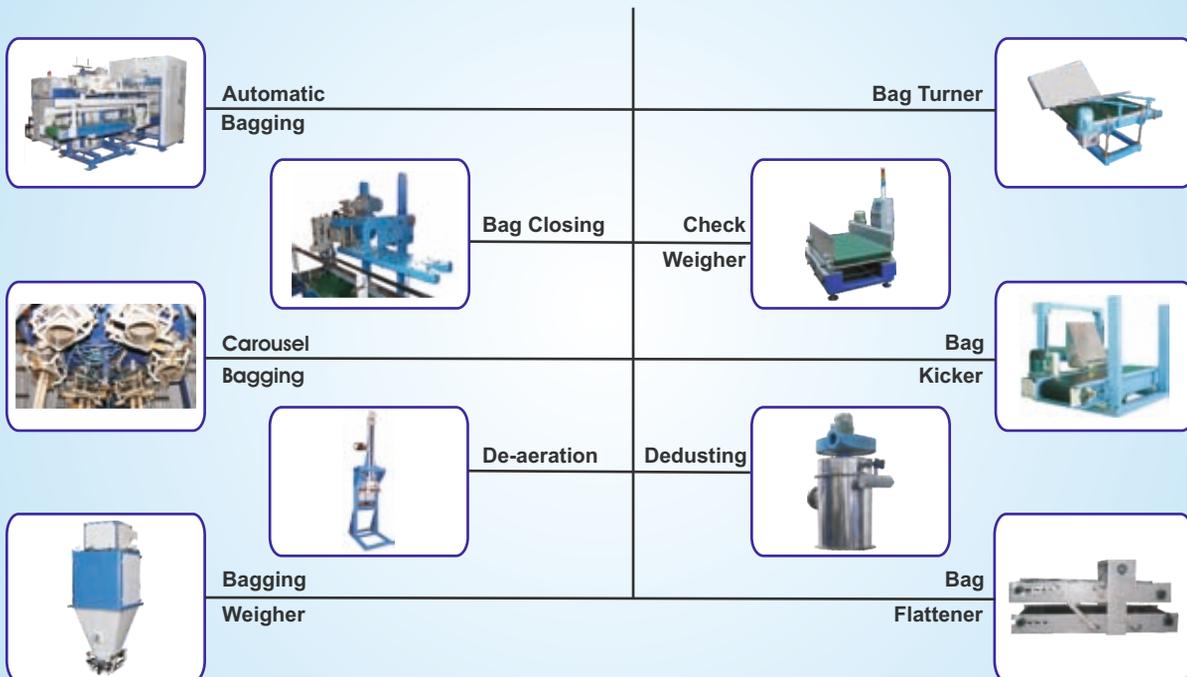


SPECIFICATIONS

SIMPLEX MACHINES

Model	TAB GN50 P1 / TAB GN100 P1			
Type	GF	DSF	BF	VF
Feeder	Gravity	Twin Screw	Belt	Vibratory
Weighments / hr (upto)	250	250	250	120
Weighing Range kgs*	10-100	10-50	10-100	10-100
Power Supply	230V 50HZ	440V 50 HZ	440V 50HZ	440V 50 HZ
Power Consumption	40 W	2.5 KW	1.5 KW	1.5 KW
Air Pressure	4-6 bar	4-6 bar	4-6 bar	4-6 bar

TOTAL BAGGING SOLUTIONS FOR OPEN MOUTH BAGS



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