



Driving Intelligence

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► Weigh Magic Seasoning System

In Collaboration with JPSYS KOREA and BOCELLI GRUPPO ITALY

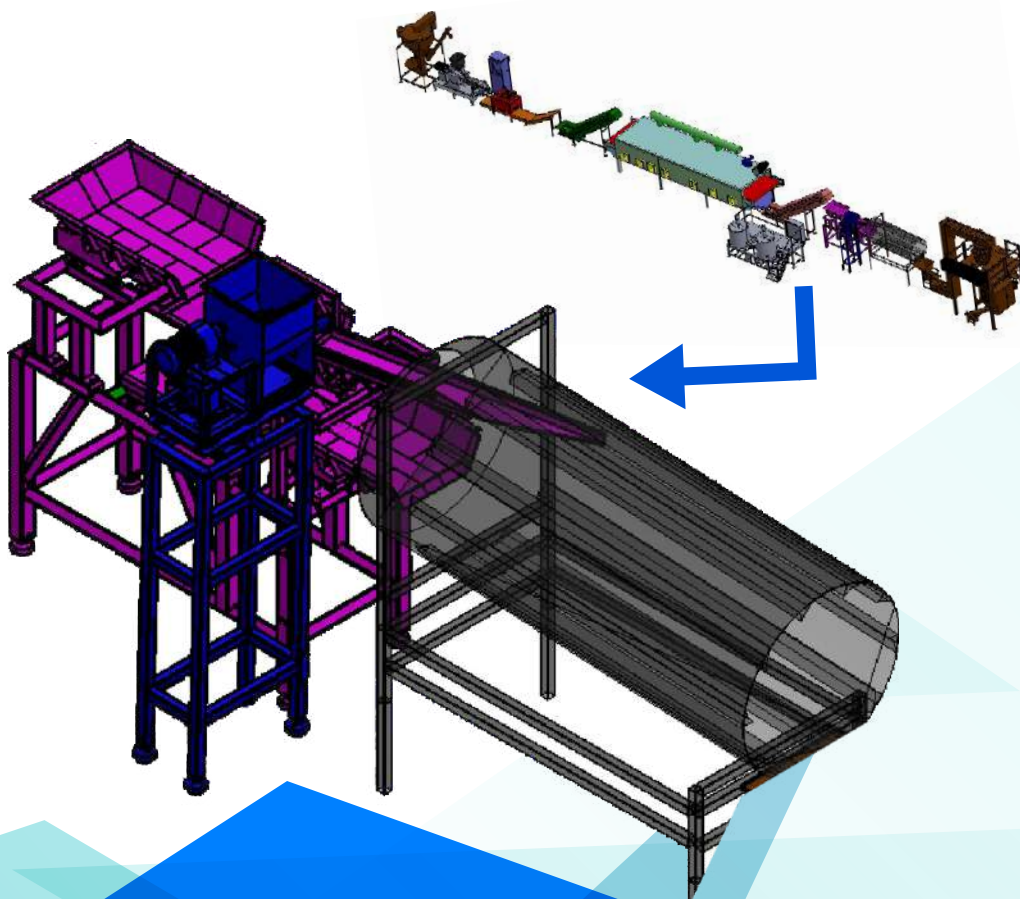
Weigh magic supports in accurate dispensing of seasoning on the product based on the running weight of the product. For example if required seasoning is 7% of every 1Kg product it will accurately dispense seasoning based on the weight of the product in this case 70gm on 1kg product. If there is an interruption/variation in the flow rate of the product, seasoning will be adjusted accordingly. Weigh Magic will provide consistent seasoning for every batch of the product increasing consistency and taste of the product.

Product(chips, kurkure, corn snacks, Namkeen, Pellet etc) is received on a weigh vibrator from a transfer conveyor. This weigh vibrator takes weigh readings continuously as the product passes over the load cells placed in the system. Once there is product on the weigh tray, it will send a signal to PLC and Motor Control Panel to measure the weight and adjust the seasoning dry seasoning dispenser/oil spray module accordingly.

This Auto Compensation of weight loss dispenses consistent seasoning distribution to maintain same flavour of the product.

► Technical Specifications

S.N	Model Name	Capacity kg/hr	Seasoning Type	Products
1	Weigh Magic. 200 DW	200-300	Dry/Wet/Both	Extruded snacks/Namkeens
2	Weigh Magic 500 DW	500-700	Dry/Wet/Both	Extruded snacks/Namkeens
3	Weigh Magic 1000 DW	1000-1200	Dry/Wet/Both	Extruded snacks/Namkeens
4	Weigh Magic 1500 DW	1500-2000	Dry/Wet/Both	Extruded snacks/Namkeens



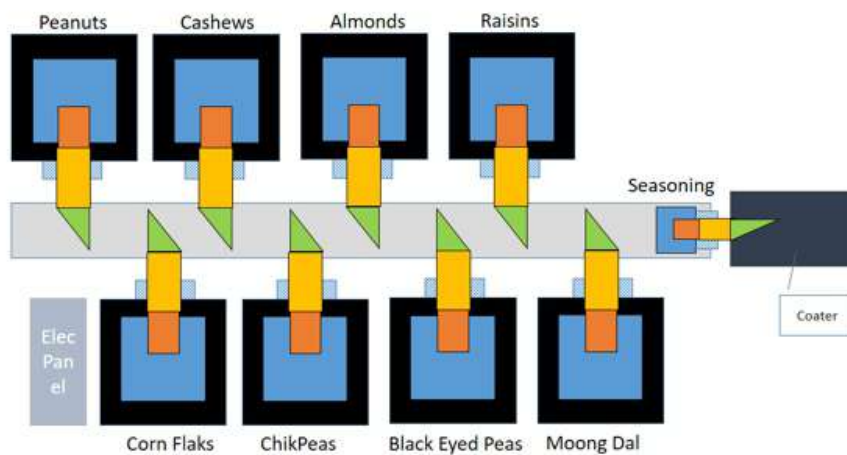
► Accumix Recipe System

Accu Mix™ supports in accurate dispersion of individual product and seasoning to make Accurate mixing of different Snacks/Namkeen to get the perfect mixture. For any reason if main product stops or slows down, Individual product and seasoning will also stop or slow based upon weight of product. This system will also provide consistent seasoning for every batch of product hence increasing consistency and taste of product. With Accu Mix™ all namkeen mixtures will have consistent mix of all components bringing high level of consistency in the product mix, giving your customers a same level of blend in every pouch.

Complete machine is of sanitary design and all product touch parts are made up of Stainless Steel. Machine is equipped with latest PLC and HMI system.

► Salient Features

- Accu Mix™ machine is of Sanitary Design, considering food industries standards
- Individual product is weighed and dispensed as per recipe
- Machine is also equipped with Seasoning system, which accurately dispense seasoning as per running line product weight
- Facility on HMI to bypass, add, delete individual product silo i.e. Dispensing
- Different recipes can be setup and controlled via PLC
- Modular design means ease in line balancing
- Every silo has digital display for Material type for ease in identification



▶ Quantum Motion Bocelli Vibro Feeder

Quantum Motion works in the area of weight based Conveying and mixing systems for food industry, chemical, pharmacy, cement and other industries. Goal of Quantum Motion is to provide cutting edge technologies in precision transfer of goods in the plant through automation and IOT. Quantum motion is working in collaboration with Bocelli Gruppo ITALY and JPSYS Korea to bring latest technologies in India through Technology Transfer.

Quantum Motion's goal is to provide world class technology and quality at very competitive prices in India. This will help in adoption of latest technology in India bringing the level of automation to world class level in companies in India.

▶ Product Features

- No moving parts inside, which reduces wear and tear of the system and increases reliability of feeder.
- Power consumption is less as compared to DC operated other systems that are available in the market
- Easy Clean Design as everything is enclosed in epoxy based design to make it dust and moisture free system
- Operated in Full wave compared to traditional vibrators which operate in half wave configuration generating a lot of extra vibrations, noise and inefficient vibrations for movement of the product
- Bocelli Vibro Feeder helps in minimizing breakage of the product during transfer
- Very low maintenance is required as no rotary parts, belts or bearings
- Very precise movement to get the best results
- High end controllers which have very efficient feed control and can operate at low end of the line voltage
- Special frequency controllers designed specifically for the efficient power utilization and more accurate functioning of the device
- Very good for continuous operations

SN	Model Name	Capacity Per Hour
1	Model: Vibrazione	300-500kg
2	Model: Vibrazione Plus	500-1200kg
3	Model: Vibrazione Pro +	1200-2000kg
4	Model: Vibrazione Pro Max	2000-3000kg

Application Details

• **Product Various:** Namkeens • **Capacity:** 1500 Kg/ Hour

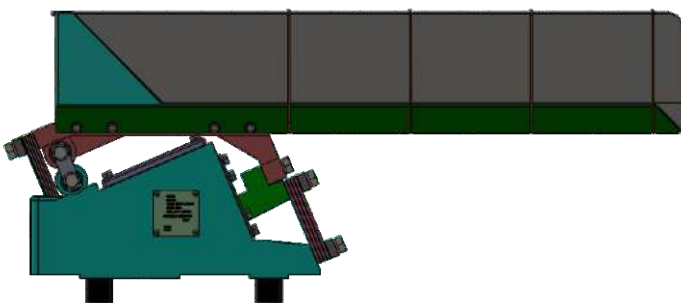
• **Bulk density :** 4 Ton/M3 (considered)

Bocelli Gruppo Controllers

A Series for Plus series

P Series for Pro and Pro +

P + Series for Pro + and Pro Max



Technology Partner



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