

# PENDULUM BUCKET ELEVATOR

This pendulum bucket elevator is very useful system for taking the material upward, distributing, feeding etc.

Buckets on bearings remains always vertically down while passing vertical, angular or horizontal travel plane thus ensuring no wastage and dropping of material during travel.

This pendulum bucket elevator works in order to lift the material vertically and then moves horizontally to transfer the material at the desired distance for required process. One elevator can feed to many systems requiring only one feed point.

This can also be interlocked to check which process or machine is demanding the material. This requires an electronic eye coupled with pneumatic system.



**Bucket Elevator  
with form fill machine**

## FEATURES

- ▶ Heavy Duty Stainless steel structure (M.S. Powder coated structure on demand)
- ▶ Heavy Duty food grade plastic buckets
- ▶ Heavy Duty chain
- ▶ All turn points in the elevator on sprocket and bearings
- ▶ Variable speed frequency drive controlled system for adjusting the speed as per requirement
- ▶ Easy cleaning systems
- ▶ Option for air knife i.e. forced air cleaning of each bucket
- ▶ No damage to product as there is no friction during the whole travel.
- ▶ Very less floor space is required.
- ▶ Elevator can be extended to feed further processes in future



Form fill seal machine with screw feeder



Pendulum bucket conveyor means transport without... breakage, dust, segregation, compression!



Rice



Namkeen



Dry Fruit



Coffee

## APPLICATIONS

- ▶ Form fill seal machine feeding
- ▶ Frying systems
- ▶ Cooling systems
- ▶ Connecting the two processes to make complete automated process
- ▶ Any material feeding system
- ▶ Transferring the material from one floor to another
- ▶ Any type of product distribution system