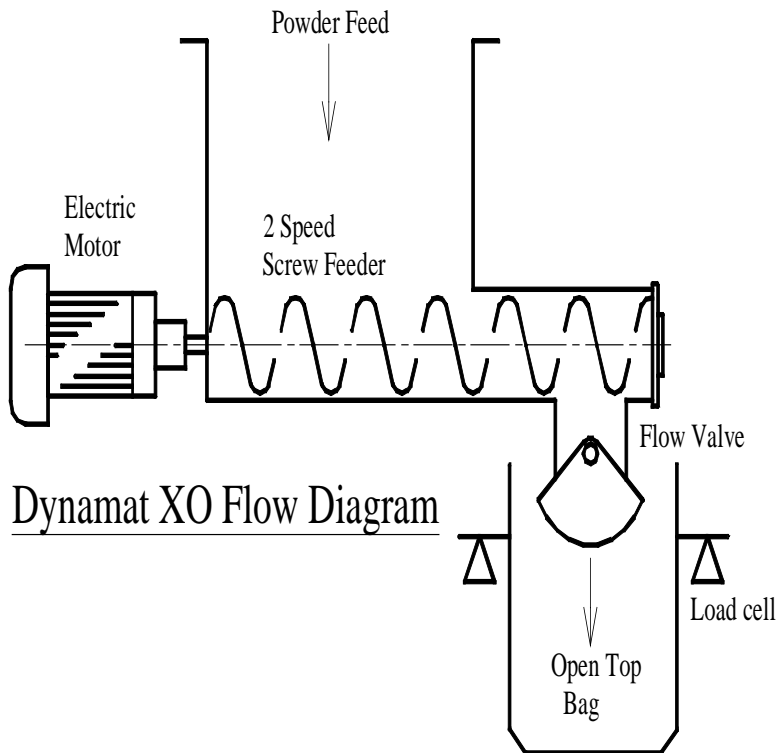


DYNAMAT MODEL XO MACHINE



Operation Description of Dynamat XO Machine

Powder feed from user's silo flows into Dynamat XO machine inlet. The powder is fed by a horizontal screw feeder which fills the powder into the product bag. The product bag is held by a pneumatic bag clamp of the weigh frame which is attached to electronic load cells which sends the weight signal to the weight indicator and controller. The screw feeder feed rate is controlled by a frequency inverter for fast and slow feed rate. The screw feeder discharge has a pneumatic clamshell valve. When the correct bag weight is reached the screw feeder stops. At the same time the pneumatic clamshell valve closes and stops flow of powder into the bag, this ensure weighing accuracy. Closure of the open top bag is by user's sewing machine.

Products bagged by Dynamat XO includes: mineral powder, chemical powder, petrochemical powder, food powder, fertiliser powder.

Technical Specifications of Dynamat XO Machine

| | |
|------------------------------------|---|
| Bag Weight | - 20 to 60 kgs |
| Filling spout size | - 250mm x 170mm |
| Bagging rate | - 180 bags per hour |
| Weight sensor | - Electronic load cell |
| Weight Indicator/Controller | - Digital display logic controlled type equipped with setters for final weight, prelim weight, zero tarring and material in flight weight compensation. |
| Bag holder | - Auto pneumatic type operated by foot switch |
| Loading/Unloading filled bags | - Manual. |
| Machine power rating | - 2.2kw |
| Material of construction/finishing | - Mild steel/painted |
| Machine size | - 1200L x 700W x 1950H in mm |
| Machine weight | - 200Kgs |