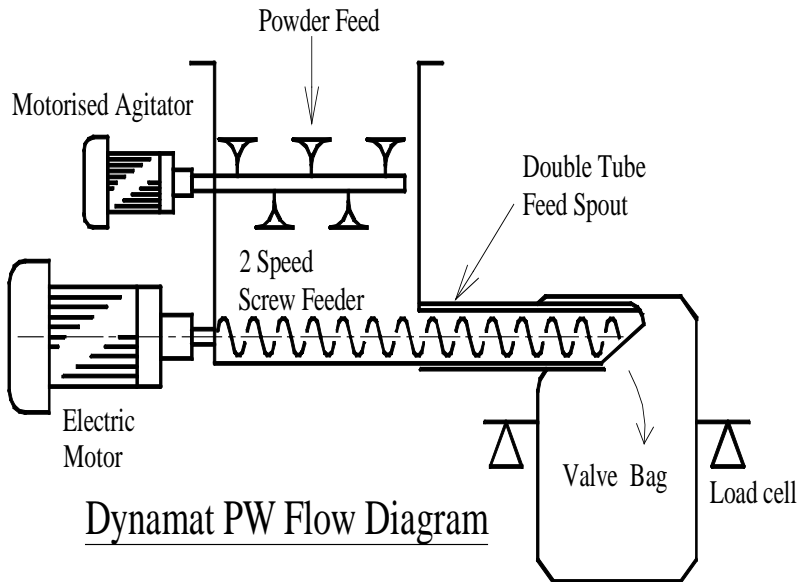


# DYNAMAT MODEL PW MACHINE



## Operation Description of Dynamat PW Machine

Powder feed from user's silo flows into Dynamat PW machine inlet. Electric powered agitator loosens powder before feeding to feed screw. A horizontal feed screw powered by electric motor feeds the powder to a double tube feed spout which fills the powder into the product bag. The product bag is hung on the outer tube of the double tube feed spout. This outer tube is attached to the weigh frame which is attached to electronic load cell. The electronic load cell sends the bag weight signal to the weight indicator and controller. A frequency controller controls the feed screw speed for fast and slow feeding. This ensures weighing accuracy.

Products bagged by Dynamat PW includes: mineral powder, chemical powder, petrochemical powder, food powder, premix powder, agricultural powder.

## Technical Specifications of Dynamat PW Machine

Bag weight	-	20 to 50 kgs. per bag adjustable.
Bagging rate	-	Approx 180 bags per hour.
Filling spout size	-	87mm dia.
Weight sensor	-	1 unit electronic load cell shear beam type.
Weight indicator / controller	-	Digital display logic controlled type equipped with setters for final weight, prelim fill weight, zero tarring and material in flight weight compensation.
Bag holder	-	Auto pneumatic type
Loading /Unloading filled bags	-	Manual.
Machine power rating	-	3kw
Material of construction	-	Parts in contact with powder product are of SS304 Other parts are of mild steel
Surface finishing	-	SS is of natural finish. MS is painted
Machine size	-	1400L x 800W x 1500H in mm
Machine weight	-	280Kgs.