

# THE PELLET MILL

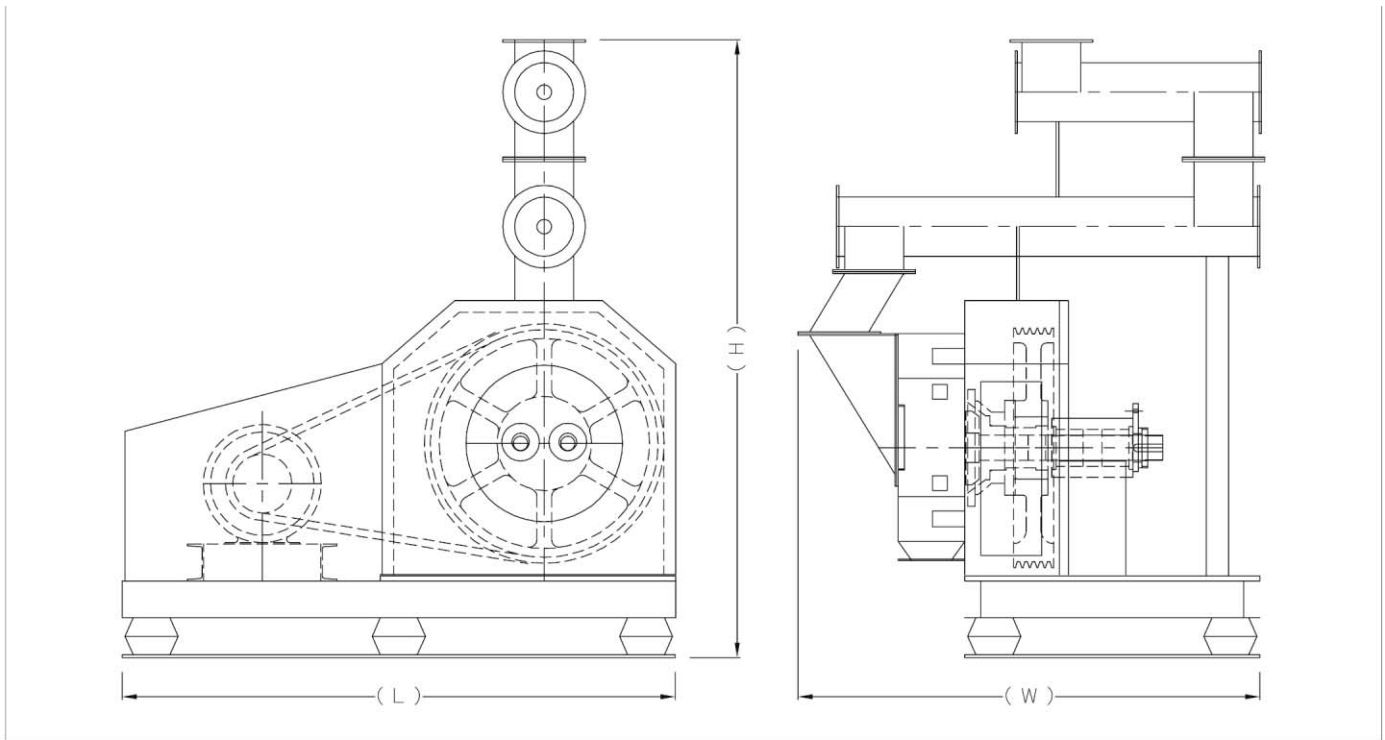


Pelleting is a process to compact finely pulverized material into firm mass of a required shape and size by extruding it through a metallic ring die. Finely ground material is fed into the Pellet Mill through a feeder and then pressed into a rotating ring die with the help of two press rolls free to rotate on their respective shafts. The resulting pressure compresses the material and extrudes it through the holes in the die



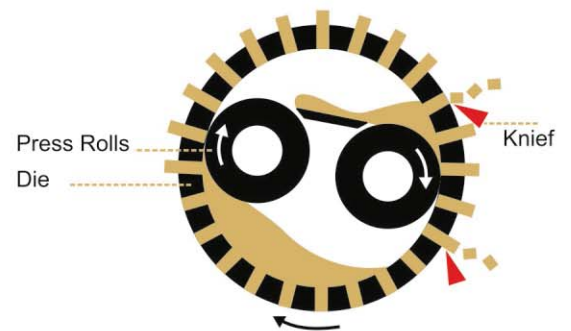
Steam is mixed in the feed to decrease the friction and for better cohesion. High temperature of steam results in gelatinization of raw starch present in vegetation ingredients. Steaming also increases digestibility of the feed

Residence time inside the conditioner can be changed by either altering the speed or by adjusting the angle of paddles. Auto lubrication systems ensures proper lubrication to all the bearings.



## Features

- ▶ Various pelleting application include Poultry / Cattle feed Pellets, Organic Fertilizers Pellets, Plastic Waste Pellets, Manure Pellets, Gypsum Pellets, Micro Nutrient Pellets, Kaolin Pellets, biomass fuel pellets etc.
- ▶ We offer pellet mills which are capable of producing pellets of diameters ranging from 1 mm die to 20 mm die.
- ▶ Front door, Feed chute and conditioners are made of SS 304-grade stainless steel for long life.
- ▶ Feed chute is equipped with a magnet to arrest the ferrous material by going in to pelleting chamber.
- ▶ Both the pulleys are dynamically balanced along with the die assembly.
- ▶ One or more conditioners can be added for better cooking and digestibilities of the feed.



Model	Power Req.	Capacity	W	L	H
KAP-300	50-75 HP	1-3 Tons Per Hour	1600	1900	2300
KAP-420	75-120 HP	3-6tons Per Hour	1900	2200	2600
KAP-520	120-180 HP	6-10tons Per Hour	2200	2500	2900

\* Capacity mentioned is of broiler finisher feed with 3mm die.

\* Capacity/ Output of the Pellet Mill depends on hole diameter of die, Pellet thickness, speed of rotation, properties of materials being pelleted, quality of steam, etc.



An ISO 9001:2015 Certified Company

Manufactured By

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