

Expander :

1) The picture of the Expander



2) Purpose of Expander Mill:

This machine is widely applied to expansion processing of materials such as soybean, cotton seed, rapeseed and rice bran, etc. After the jetting and puffing of high-temperature steam, materials will have the cells sufficiently denatured and crushed through helix extrusion, shearing and kneading, and finally be released quickly after extrusion. Materials will produce micropore columns to make oil sufficiently exposed, thus enhance the degree of complete separation of oil and albumen. Expanded materials will have the air permeability improved more effectively, and have the unit weight increased, so as to be beneficial for enhancing the output of oil “leaching-out machine”, and raise the oil production rate.

3) Main strong points:

- A. Protection of internal parts with orientation magnet
- B. Forced cooling function;
- C. Sensitive hydraulic die control system
- D. Automatic electronic protection device
- E. Centralized supply of oleosol
- F. General control pivot integrating hydraulic pressure, electric machines, and electronic monitoring

4) Specification:

Specification	SP250/10in	SP300/12in	SP350/14in
Overall dimension (mm)	7300×2800 ×1600	7300×2800 ×1600	7400×3000 ×1650
Output (T/D)	800~1200	1200~1600	1800~2300
Motor power (KW)	160~250	250~315	315~400