

**The basic way that our separator works is
— illustrated in **Fig.1** —**

The material to be separated is discharged into an inner flight (plane) which is spirally wound around a central shaft.

The material - Round & Unround travel on the surface of the flight (plane) in the direction indicated by arrow. As material speed increases, going down the banked flighting, centrifugal force carries the material toward the outer edge of the wound flight.

Unrounds & less Dense material mixed with the rounds, fail to achieve a Velocity sufficient to carry them over the Outer edge of the banked flighting.

