

ANIMAL BLOOD DISPERSING



01

▶ Products using animal blood

- Nutrients (iron supplements, amino acids, protein extraction)
- Fertilizer manufacturing

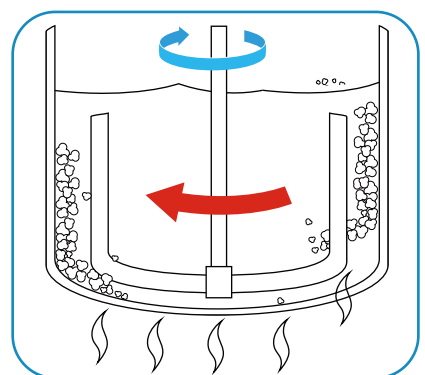
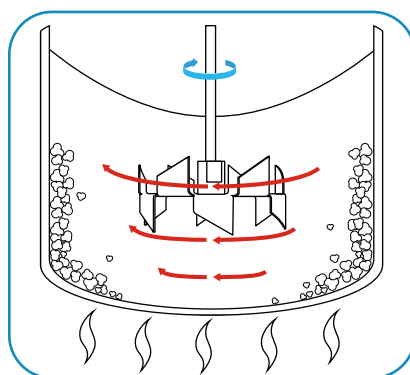
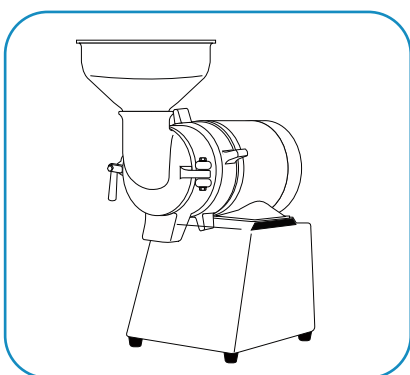
▶ General blood dispersion process

- 1) By processing the blood generated while slaughtering animals, it is possible to extract nutrients that cannot be artificially produced. The extracted nutrients are reborn as a result with high added value as materials such as nutrients and fertilizers.
- 2) However, animal blood tends to harden easily during transportation or storage, so it is necessary to redistribute the hardened blood for processing and make it into a homogeneous state.
- 3) Many companies use equipment such as COLLOID MILL, DISSOLVER, or ANCHOR MIXER to disperse blood and mix additives.

02

Problems with existing processes

- 1) Existing milling equipment, such as colloid mill, has a limit in production capacity, and the more large-capacity equipment the higher the price.
- 2) DISSOLVER or ANCHOR MIXER takes a long time to disperse blood, and fine dispersion is impossible, so residues and aggregates remain, resulting in poor homogeneity.
- 3) If the work takes a long time, the freshness of the blood decreases, which adversely affects the final result.
- 4) In addition to the dispersion of blood itself, mixing and dispersing of additives takes a long time, and the quality of the product is adversely affected due to poor homogeneity.



Even such a difficult process can be innovatively improved with MIXENMILL.
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