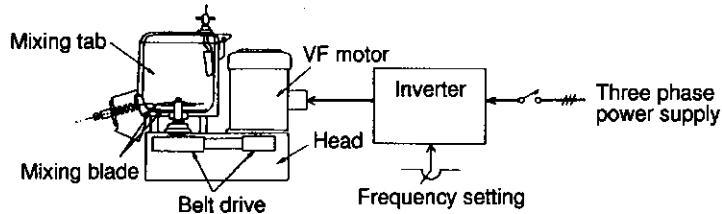


MIXER

Main Driver:
VFA7



An example of application of an inverter in a mixing device for manufacturing medicines (granules, pills, tablets).

Medicine powder and adhesive are fed into a mixing tab and mixed with a rotating mixing blade. Combination of an inverter and a variable frequency motor enables the optimal blade speed corresponding adhesion of material.

Advantages of adopting an inverter

1. Conventionally, a motor with an eddy current coupling has been used. Adoption of an inverter driven VF motor improve the **size and space**.
2. The VF motor driven at 1:10 constant torque, it just fits the range of speed and loading torque of the mixer.
3. A hermetic type of outdoors usable VF motor can drive in a rather unfavorable environment.

Note on application

1. Adhesion of mixed materials onto the blade may cause overload, require enough attention.