

## **Powtran PI500 inverters were used for food machinery**

1. Food machinery is an industry that provides equipment for the food procession industry. It is the mechanical equipment and device used in the process of food materials into food (or semi finished products).

### **Mainly 2 catagories:**

- **Food processing machinery** : screening and cleaning machinery, crushing and cutting machine, stirring evenly and homogenizing machine, forming machine, separating machine, evaporating and concentrating machine, drying machine, baking machine, freezing machine, extruding and expanding machine, conveying machine etc

- **Packaging machinery**

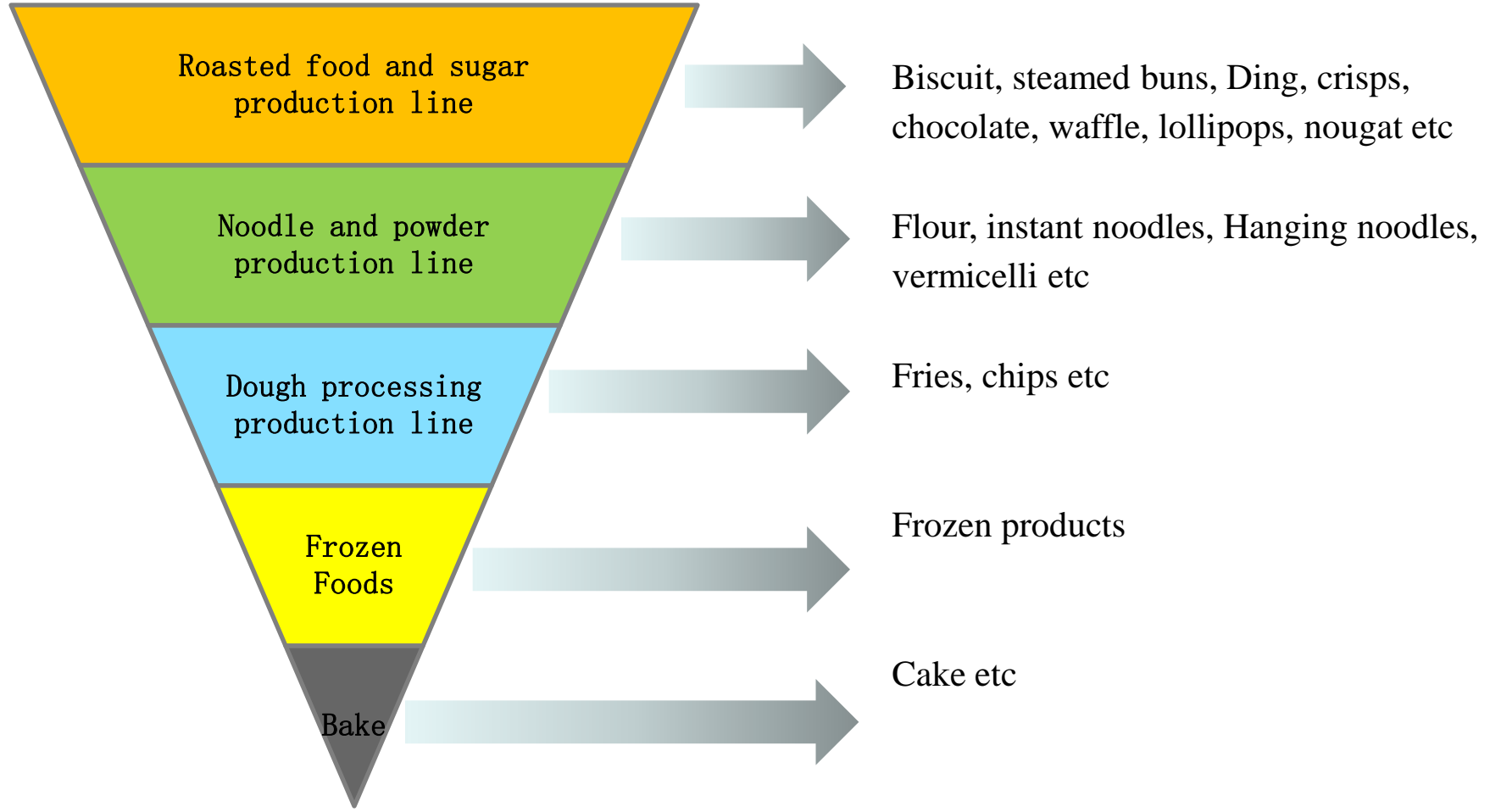
Packaging and printing machinery, packaging container manufacturing machinery, packaging materials processing machinery (Liquid filling machine, pillow packing machine, horizontal packing machine, vertical packing machine, powder granule packing machine, bag feeding automatic packaging machine, frozen product automatic packaging machine, etc. )

## **2.Market**

Food machinery belongs to the universal mechanical equipment of light industry. At present, the automatic electrical components, such as frequency inverter, step and servo are widely used. The function of frequency inverter in food machinery industry is relatively simple. It is mainly applied to mechanical transmission, multi axis linkage, screw extrusion, printing, cutting etc.

The environment of the food industry is relatively good, the load fluctuation is small and the load rate is low, inverter fault rate in food industry is relatively low.

### 3. Food catagory



## 4、Equipment



# 5、 Powtran inverters on site





# 6、 Some foods



# 7. Biscuit production line

