



industry Microwave application (1)

Industrial application

Industrial microwave device applications include: food, wood, chemical products, tea, pharmaceuticals, ceramics, paper and other industries for drying, sterilization, reaction sintering, extraction, heating and so on. Application structure: tunnel kiln, tank types.

Food Industry

Food is, the food industry is the pillar industry of the rapid rise. The use of microwave foods can be dried bacteria, curing, baking, deodorization, expansion and preservation treatment. Has been used for rice, cereals, beans, powdered milk, bags, Lu Cai, meats small package, instant noodles, health tea, cakes, beef jerky, potato chips, dried fish, salted cashews, peanuts, melon seeds, soybeans and many other aspects of the production. My company has an annual production of large amounts of microwave equipment used in the food industry.

Pharmaceutical Industry

Microwave technology in the pharmaceutical industry, mainly in the following areas: dry sterile powder, granules, flakes, pellets and other pharmaceutical products, mucus-like, fast drying herbal materials, insecticide, sterilization. Herbal extraction, oral sterilization and so on.

Wood Processing

Microwave for 1-6 cm can be uniformly thick planks, fast drying, dry just 10 minutes, without cracking deformation, while the interior wood kill insects and larvae eggs; also available on plywood or glued puzzle the curing and drying bamboo wooden crafts, off mildew, sterilization.

Rubber Industry

Japan with 2450MHz, 5 ~ 10kw microwave heating equipment tire for a heating temperature to the curing temperature after using hot air heat, can cure 3 to 4 tons weight of the tire; US uses 915MHz, 50kw horn antenna as radiant heat to control the use of the program large tire rotation scan, the advantage of uniform heating, the curing time by one-third. Our company has developed microwave equipment vulcanized rubber in the shape, structure, performance, quality and other aspects can be cured and Japan, Germany and other imported equipment comparable.