



# How to use fertilizer production equipment to produce compound fertilizer

Compound fertilizers are classified according to their nutrient composition: those containing nitrogen, phosphorus, and potassium are called binary compound fertilizers; those containing nitrogen, phosphorus, and potassium are called ternary compound fertilizers; in addition to the three nutrients, they also contain micronutrient elements are called multi-component compound fertilizers; in addition to nutrients, those that also contain pesticides or auxin substances are called multi-functional compound fertilizers. Classified by fertilizer dosage form: it is divided into solid compound fertilizer and liquid compound fertilizer, and solid compound fertilizer can be divided into granular, powder and crystalline forms.



Blended compound fertilizer production line According to the manufacturing process, blended compound fertilizer is a compound fertilizer made by mechanically blending several kinds of single fertilizers with relatively consistent granular shapes according to a certain proportion. The production can be completed by using the organic fertilizer npk production line. The [npk manufacturing process](#) mainly includes feeder, disc mixer, chain crusher, double roller granulator, drum dryer, drum cooler, drum screening machine, finished product warehouse, automatic packaging machine, belt Conveyor, dust settling chamber, heat exchanger.

Among them, the [double roller granulator](#) is the key equipment for compound fertilizer granulation. It has advanced technology, reasonable design, compact structure, novelty and practicality, low energy consumption, and is matched with corresponding equipment to form a small production line, which can form a certain continuous production line. Production, mechanized production, non-drying, room temperature production, product roll forming capabilities, product quality meets the technical requirements of compound fertilizers, and is

the latest product for high, medium and low concentration special compound fertilizers and compound fertilizer industries to save energy and reduce consumption.

In the [nPK fertilizer production line](#), various elemental fertilizers are processed by a certain process. During the mixing process, heating and adding acid can provide a small amount of liquid phase by heating and adding acid, and the ammonia-containing liquid can be turned into water vapor, and granulated with each other under the condition of limited motion. It can produce ternary compound fertilizers. Similarly, adding other nutrients or drugs can produce multifunctional compound fertilizers, etc.