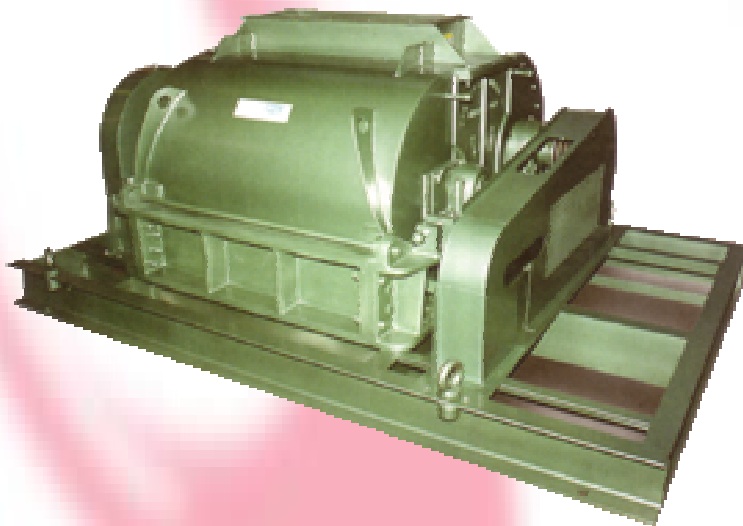


Christy & Norris NPK Pulverizer

NPK PULVERIZERS are available in three model sizes with drives ranging from 30 kW to 45 kW.

- ❖ **NPK Pulverizer** – developed especially to reduce the particle size of materials that become sticky if subjected to a temperature rise during the grinding process. No screens are used.
- ❖ **Principle of size reduction** – is to use one high-speed rotor and one slow speed drum. The high-speed rotor is fitted with flails and rotates in the opposite direction to the slow speed drum.
- ❖ **Direct drive configuration** – the high-speed rotor is driven through vee belts from the main motor. The slow speed drum is driven through a shaft mounted worm gearbox. It is possible to drive either end of both the high speed and slow speed shafts so the two drive motors can be positioned in any one of eight combinations to suit the site layout.



Typical applications for the NPK Pulverizers:

- **Compound Fertilizers**
- **Reducing** of compost or material likely to bind together
- **Size reduction** of materials:-
Dried clay
Peat

..... plus others

Machine Sizes	NPK No.3	NPK No.4	NPK No.5
Typical Power Requirement - High Speed Rotor	30 kW	37 kW	45 kW
Typical Power Requirement - Slow speed drum	5 kW	5 kW	7.5 kW

Machine capacities will depend upon material input size, required fineness, moisture or oil content, system design and control.

Please contact us with your material and project requirements.