

Position and Potential

DevourX is positioned to meet the increasing worldwide demand for its revolutionary processing machinery which processes without physical contact and enables solids to be broken down into fine particles and moisture to be reduced without mechanical action.

Material particle size is reduced by a combination of simultaneous physical events caused by aeroacoustics. In simple terms, any solid material input is devoured by the machine and turned into dust. DevourX performs these tasks with amazing speed and efficiency, delivering extremely fine particles to the collection system. The moisture content of the material can also be reduced simultaneously.

The DevourX machine has been specifically designed for fine grinding applications where ball mills, hammer mills, pin mills, jet mills etc. are currently used, it can also be adapted for use as a dryer. It is suitable for most fine grinding and mixing applications in mining, quarrying, cement production, food and ingredient processing, power generation, gassification, some agricultural applications and in the manufacture of cosmetics, paint, chemicals and pharmaceuticals. It performs these processing tasks at substantially less cost and with higher efficiency than conventional equipment.

The strength of the machinery is its capacity to reduce materials to a fine dry powder in a single pass. The result is the elimination of many handling issues, savings for the user in time, energy, wear and tear, servicing, and an immediate increase in throughput capacity.