

PLASTIC-GRINDING PLANTS **REKORD**



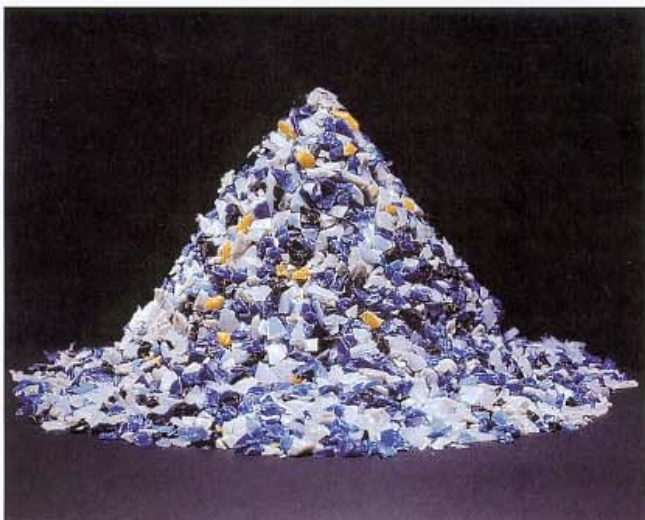
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REKORD Plastic Grinding Plants

The continuously increasing need for finely dispersed powders of plastics of all kinds with specific property requirements such as grain size distribution, contents of oversized or undersized grains, bulk weight or density, pourability etc. requires material-specific and problem-specific fine-grinding and pulverizing plants which use the most modern technology.

JEHMLICH plastic grinding plants are the answer: equipment oriented to the customer's needs for production of pourable plastic powder of the highest quality. They can be economically employed for pulverizing LDPE, LLDPE, HDPE, PA, PVC and other plastics at normal temperatures and they operate without coolant gas.

Grinding technique

The plastic material is pulverized by using one fixed and one rotating grinding disk. The rotational speed of the rotating grinding disk as well as the distance between the two grinding disks and their profiling are decisive parameters which influence the fineness of the plastic powder. The distance between the grinding disks can be easily and accurately set from the outside using adjusting screws.

In the case of materials which are difficult to pulverize, it is possible to provide additional cooling by spraying regulated quantities of water into the pulverizing chamber.

The REKORD plastic fine-grinders can operate either without screens or with a series-connected shaking screen, depending on the customer's requirements. The quantity of material that is fed for pulverizing is regulated depending on the grinding temperature. The JEHMLICH plastic grinding plants REKORD are designed for throughputs of 100...370 kg/h, depending on the material to be pulverized and the requirement of fineness. It is possible to carry out crushing tests in our JEHMLICH Technical Center.

Technical data

- Model: 315
- Drive rating: 18,5–37 kW
- Screen-less operation
- Simple adjustment of the grinding gap from the outside
- Through-type and circulation-type operation with simple plant design
- Pulverized products with high-quality processing properties
- Low specific energy requirement