



Planning | Constructing | Building

BEAR Mills & Tanks GmbH

BEAR BST Stone Mill

Description:

The BEAR stone mill is suitable for the milling of cocoa nibs or comparable products with high a fat content. Thanks to a relatively low milling speed an efficient milling process can be achieved without high losses as heat.

Construction:

The milling housing as well as the mounting frame are manufactured as a rigid steel construction in stainless steel. To achieve a continuous milling process the product input funnel is equipped with a screw conveyor. The uncomplicated design make maintenance and repair works fast and easy. Thanks to the combination of direct drive with the principle of milling by friction at low speeds the BEAR stone mill becomes an extreme energy efficient pre-mill.

Process:

The product is fed to the milling stones by the screw conveyor integrated in the input funnel. The milling stones consist of corund that combine an intense milling characteristic with low wear. One of the milling stones acts as stator and the other one is rotating. To adjust the output fineness the distance between the stator and rotor can be adjusted. The milling housing is jacketed for heating or cooling purposes.

Specifications:

	BST 5	BST 11
Capacity: [kg/h]	ca. 350 - 500	ca. 800 - 1.000
Electrical power: [kW]	5,5	11
Dimensions: [m]	1,2 x 0,5 x 1,5	1,5 x 0,7 x 1,7

