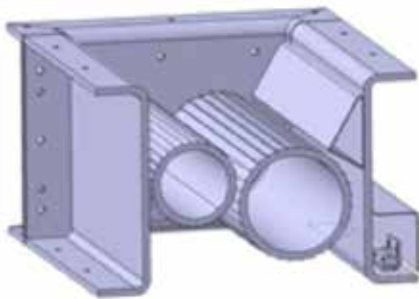


KVS 2-80 Mill



**Roller mill for the
crushing of berries
and stone fruits**

- Original and well established Bucher concept, which allows the creation of optimal mash structure
- High yield and throughput during juice extraction
- Continuously adjustable grinding gap with a more flexible degree of digestion
- Electronic overload protection
- Easy cleaning and maintenance



Application

The crushing mill KVS 2-80 had been already developed in producing the finest mash made from berries and stone fruits.

The KVS 2-80 produces mash particles which are ideally suited for fruit juice. The rotating rollers enable the digestion of mash to take place, which amounts to a low suspended solid content and product oxidation.

Design and functionality

The mill consists of housing with rectangular feed aperture and discharge aperture. The casing is located between two contra-rotating steel rollers with continuously adjustable gap clearance. The surfaces of both steel rollers are equipped with tooth profile lines. The steel rollers are then driven through an asynchronous motor with a frequency converter.

The grinding material reaches the feed hopper on both rollers. The product is then advances through the gap between the rollers thanks to the contra-rotating movements. At the same time the teeth profile lines holds the product securely, in order for the extraction and crushing process to take place. During the operation the degree of crushed matter can vary depending on the setting of the column spacing chosen for both rollers. The mash emerges through the product's ejection aperture and out of the mill. The mill features torque protection, in order to avoid damages caused by the entry of foreign substances. Furthermore, the mill also has a frequency converter, which measures the engine load. In case the critical drive torque overloads the drive would stop automatically. Only after the foreign matter has been removed, can the drive be started again.

Technical data

| | |
|-----------------|---|
| Throughput | ca. 8-12t/h berries- e.g. stone fruits |
| Weight | 325kg |
| Dimensions | 1'562 x 733 x 576 (L x W x H in mm) |
| Connected load | 4kW, 400V |
| Material | Stainless steel (DIN 1.4301) (with product contact) |
| Scope of supply | Crushing mill, service switch |

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Products and Services

Process technology for fruit and vegetable processing to juices, concentrates and puree production, for brewing solutions, for filtration, for milk powder production, for the vacuum drying of liquid and solid products, for freeze drying of coffee, tea, fruits, vegetable, etc. Technology for municipal and industrial sludge dewatering and drinking water filtration

Products

Fruit reception lines, mills, mash heaters, hydraulic presses, membrane filtration equipment, cold block equipment, adsorber, ion exchanger, evaporators and aroma plants, pasteurizers, CIP systems, vacuum and freeze drying cabinets and belt dryer, zeolite adsorber, complete processing lines

Services

Process development and project engineering; assembly and commissioning; technical support; original spare parts; inspection; service contracts; retrofits; training; service and maintenance; NetService