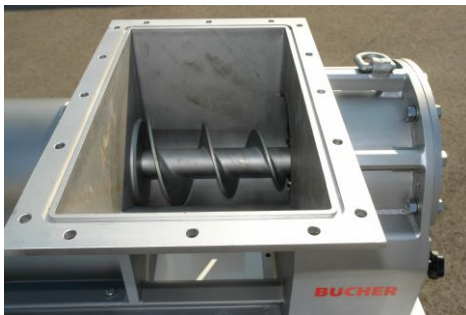
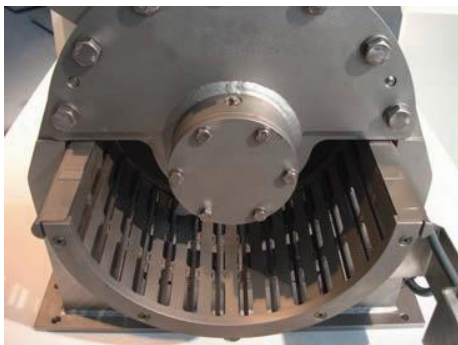


## C25 Mill



### Grinding mill for apples, pears, berries and vegetables

- Well proven Bucher grinding technology for optimal mash structure
- High yield and throughput during juice extraction
- High grinding capacity with low energy consumption
- Easy cleaning and maintenance



**Application** The grinding mill Delta C25 has been developed for producing mashes from apples and pears with optimal extraction properties. It is also suitable for the milling of berries and vegetables. The Delta C25 produces mash particles which are ideal for de-juicing. The good mash structure assures high press yield and throughput.

**Design and functionality** The mill comprises a housing with rectangular feed and discharge hoppers, a horizontal feed auger, the fast turning rotor and the grinding cage with the grinding knives. Rotor and feed auger are mounted on a shaft which is powered by an asynchronous motor. The goods to be milled enter through the feed hopper into the feed auger. The auger conveys the product into the cylindric grinding section where it is accelerated by the rotor. Due to the high radial velocity and the centrifugal forces the product is spun along the knives which are mounted in the grinding cage. Thereby it is finely milled and ejected from the grinding section through the discharge slots between the grinding knives. The innovative grinding cage is formed by exchangeable segments: a discharge element with integrated discharge slots<sup>1</sup> is located between to adjoining grinding knives. The patented design of the discharge slots<sup>1</sup> assures high throughput combined with low energy consumption. The grinding cage can be dismantled easily and fast for cleaning and maintenance purposes. It can also be turned by 180° for best possible utilisation of the grinding knives. The mash structure can be varied by applying grinding knives with differently sized teeth.

<sup>1</sup>: EP 1 071 343, US 6 655615

#### Technical data

Throughput	ca. 20 t/h apples
Weight	430 kg
Dimensions	1'562 x 733 x 576 (L x W x H in mm)
Connected load	22 kW, 400 V
Material:	Stainless steel (AISI 304) (with product contact)
Scope of supply:	Grinding mill, service switch

(technical modification reserved)

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#### Products and Services

Process technology for the fruit and vegetable juice, beer filtration, concentrate and puree production, for the production of milk powder, for the vacuum or freeze drying of malt, coffee and other extracts. Process technology for the dewatering of municipal and industrial sludge as well as industrial process waste water.

**Products** Hydraulic and pneumatic presses, fruit reception lines, mills, mash heaters  
 Membrane filtration equipment, adsorbers and ion exchangers, evaporators and aroma recovery-plants, mazeration- and fermentation tanks, reverse osmosis plants, heating and cooling units, vacuum drying cabinets, vacuum belt drying plants, zeolite adsorbers, complete processing lines including controls.

**Services** Process development and engineering  
 Assembly and start-up  
 Service and maintenance, NetService

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