Drum Groat Cutter TGS

For producing uniform groats from oats, barley, rye and wheat with a very low percentage of flour.

- Higher capacity
- Newly designed precision knife basket without shims
- Rapid change of the knives
- Longer service life of the knives
- Without shims!
- More uniform cutting pattern of the grain kernels
- Less cutting flour
- Optimum aspiration
- Fully enclosed design (encapsulated)

Cutting

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With proceeding development of breakfast and particularly oat products, both baby flakes and quick-cooking flakes are becoming increasingly important. For this purpose, uniform and precisely cut grain kernels are required. The SCHULE drum groat cutter meets the high requirements.

Operating Mode

Via a continuously adjustable vibrating channel, the grain is fed into two perforated drums made of stainless steel which are mounted on a horizontal shaft. Buckets arranged in the drums ensure uniform distribution of the product to be cut. Excess quantities and oversizes are discharged by means of an overflow. The drums are provided with calibrated holes, the diameter of which depends on the type of grain to be cut. The lower half of the rotating drums is surrounded by a precision knife basket without shims. The grain kernels falling through the drum holes in their longitudinal axis are crosscut by the knives. The cutting angle can be varied by different knife baskets. As a result, coarse, medium or fine groats can be produced. Pinwheels arranged above the supporting frame prevent the holes from clogging.

Drive

The drum groat cutter is supplied with an individual electrical drive.

Capacity

The capacity of the machine depends on the grain to be processed, the purity of the input product, the uniformity, the desired cutting size, and the selected perforation.

Wheat, hulled

Oats, hulled

Wheat, coarsely cut

Oats, coarsely cut

Wheat, finely cut

Oats,finely cut

Technical Data

		Capacity kg/h		External dimensions in mm			Installed power in kW
Type	Number of drums	Oat kernels/ rye	Wheat/ barley	Width	Depth	Height	Vibrating channel/ drive motor
TGS2000	2	up to 1,500*	up to 2,000*	1,230	820	1,350	0.25 / 1.1

*Depending on cutting type, uniformity of grain kernels, type of grain and moisture content

The knife change time was reduced by 75 % to approx. 1.5 to 2 hours compared to traditional machines!

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