

Drum Groat Cutter TGS

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

- Higher capacity, due to new develop of the cutting device
- Newly designed precision knife basket without wedges
- Rapid change of the knives
- Longer life time of the knives
- Newly designed knife holder (basket and frame)
- More uniform cutting quality of the grain kernels
- Less cutting flour
- Optimized aspiration
- Fully enclosed design (encapsulated)
- Easy maintenance



Drum Groat Cutter TGS

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 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 wedges. The grain kernels falling through the drum holes in their longitudinal axis and are crosscut by the knives. The cutting angle can be varied by different knife baskets. As a result, coarse, medium or fine cut grains 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

Type	Number of drums	Capacity kg/h		External dimensions in mm			Installed power in kW
		Oat kernels/ rye	Wheat/ barley	Width	Depth	Height	Vibrating channel/ drive motor
TGS 2000	2	up to 1,500*	up to 2,000*	1,230	820	1,350	0.25 / 1.1
TGS 3000	2	up to 2,000*	up to 2,500*	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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