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How does an oat kernel become a flake?

A precise process for a familiar favourite.



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It starts with the product.

Depending on the desired final product, oat kernels or groats can be processed into flakes.

Oat kernels

Oat groats

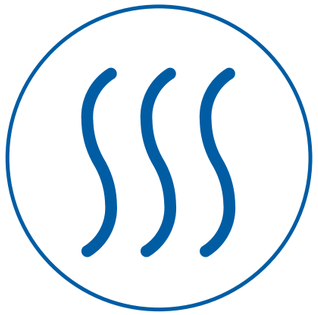


Preparing oats for flakes.

Hydrothermal treatment trough steam prepare the kernels or groats for the flaking process.



Hulled oats



Steam



Steamed oats

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This is where flakes take shape.

The SCHULE flaking roller mill transforms the steamed oat kernels or groats into flakes.



The desired thickness matters.

The gap between the two flaking rolls determines the desired flake thickness and can be automatically adjusted using recipe-driven functions.



Jumbo oat flakes



Steel cut oat flakes

Quality control before the final step.

After drying and cooling, the flakes pass through the MultiSense. Their moisture content, Temperature, bulk density and flow rate are continuously monitored, allowing the falking system to automatically adjust process settings if the specified values are not met.



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From oat kernel to finished flake.

Precise processing makes the difference.







Learn more about oat processing on our website.

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