

Flaker

SCHULE delivers flakers for the following industries:

- Vegetable oil production
- Animal feed industry
- Breakfast cereals



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Vegetable oil production

Cracking and flaking of oilseeds as preparation on:

- Mechanical extraction of the oil by means of mechanical pressing
- Chemical extraction by adding of solvent

Animal feed industry

- Cracking of seeds and cereals, as well as the breaking of extruded and expanded seeds and cereals
- Crushing of dry and half-dry seeds and cereals for the animal feed industry
- Production of seed and cereal flakes after humidification and heating (with steam) by means of infrared radiation

Breakfast cereals

- Production of cereal flakes after humidification and heating (with steam) by means of infrared radiation, followed by drying/cooling and mixing with cereal flakes for the breakfast cereals industry

The essential features to make good quality flakes are found back in the design of the SCHULE flaker:

- Flaking rolls running parallel under all conditions
- No vibration of the rolls
- Even repartition of the flakes over the total length of the rolls.

Although a crusher works under less severe conditions than a flaker, most design parameters from the flaker have been integrated in the crusher.

- Sturdily welded construction, finished with precision, so vibrations are reduced to an absolute minimum
- Overdimensioned ball-bearings and housings
- Options:
Edgeginder, Grinder full roller-length, Magnetic separator

Technical data

Flakers

Diameter 500-600-800 mm

Length 500-1000-1300-1600-2100 mm

The capacity to be determined according enquiry and depending on product.

The essential characteristics to make good flakes can be found in the design of the SCHULE flakers :

- Both rolls are running parallel
- very robust welded construction, so that vibration is reduced at a minimum
- Even repartition of the product on the complete roll length, in order to have a uniform flake thickness over the complete length of the roll
- Over dimensioned roll bearings guarantee a minimum of vibration, long lifetime and minimum of noise level
- Robust construction of the flaking rolls, made out of special casted steel
- Hot pressed shaft ends, with continuous shaft, for a perfect heat conduction
- Good accessibility on all wear parts for a quick and easy maintenance



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