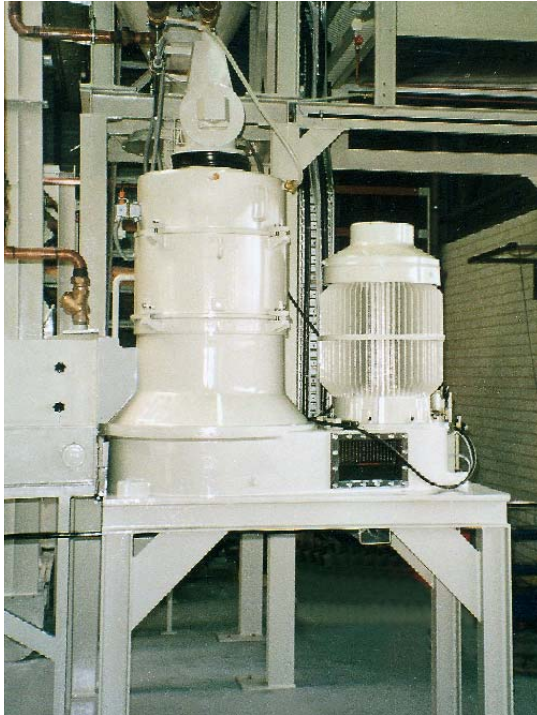


Complete plants for
Tea processing
and individual machines



From design to commissioning:



The SCHULE quality machines guarantee a most careful processing and consequently a final product of high quality.

The simplified diagram of a tea processing plant shows the wide range of products delivered by SCHULE from the intake of the raw material to the packing of the individual fractions.

The intake station can be equipped either with pivoted-bucket or with belt conveyors.

The capacity of the storage bin varies between 0.5 and 10 m³ depending on the product volume.

In the heavy-particle separator the product is separated from non-ferrous metals, metals, glass, stones, and wood. These foreign particles are transported into the reject material collecting station.

Flavourings can be added in the SCHULE mixer.

The structure of the product and the particle size are determined by the cutting mill fitted with interchangeable screens. The output is regulated by the variable speed driven cutters which facilitates precise control.

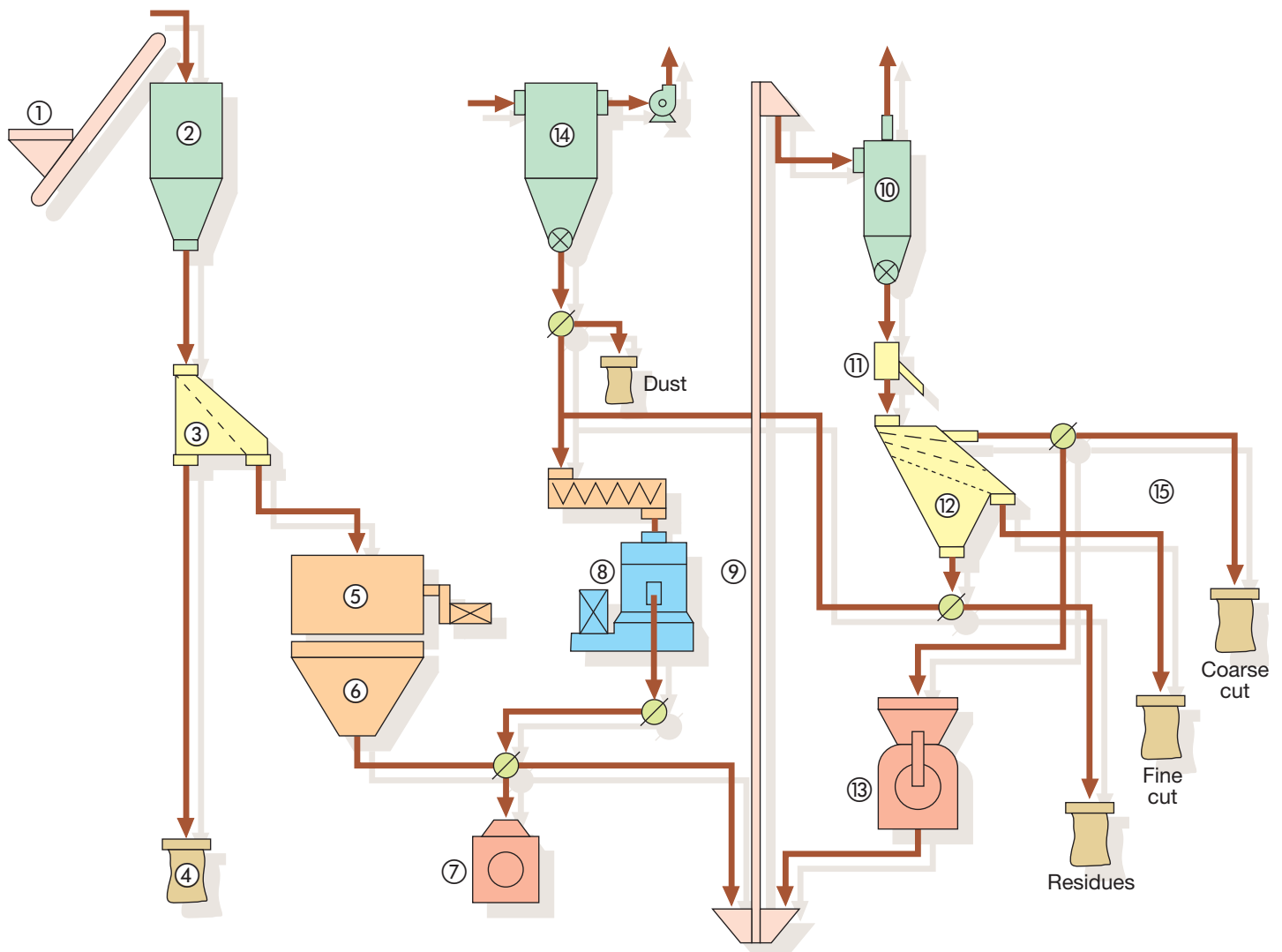
The screen system determines the required particle size after which the product can be bagged or transported for further processing. Depending on the required product the further processing can be effected by a cutting mill or by a beating bar mill for the finest grinding.

The fines or dust particles from the product can be pelleted with a flat die press to produce pellets of 3.5 - 6 mm in diameter. The pellets are either packed or recycled back into production via the cutting mill for further fractioning.

The individual dust sources are aspirated by a central filter.

The filter meal produced can be fed into the press or be packed without further processing.

SCHULE, competence, experience and know-how



- ① Intake station
- ② Storage bin
- ③ Heavy-particle separator
- ④ Reject material collecting station
- ⑤ Homogenizer/mixer
- ⑥ Collecting funnel
- ⑦ Cutting mill

- ⑧ Flat-die pelleting press with feeding screw
- ⑨ Conveying element: pneumatic conveying system or pivoted-bucket conveyor
- ⑩ Separator for pneumatic conveying system

- ⑪ Metal separator
- ⑫ Fractionation
- ⑬ Finest grinding
- ⑭ Filter plant
- ⑮ Bagging / packing

Well-known tea processing companies
have been our customers for many years.



For more than 60 years we have been supplying equipment to the tea and drug processing industry.

Our list of customers includes companies in the feedstuff, chemical, pharmaceutical and food industries.

As a medium-sized company our policy has always been to give optimum response to the special requirements of our customers.

Our delivery programme covers:

- Conveying and silo plants
- Grinding and screening systems
- Proportioning and mixing plants
- Ventilating and filtering equipment
- Weighing equipment
- Pelleting plants
- Moisturizing plants
- Switch and control systems