

Cutting Mills (Different Models), FRITSCH

For pre-crushing and fine grinding of soft to medium-hard, dry samples as well as fibrous materials and plastics.

Typical fields of applications:

Rubber, leather, paper, cardboard, tissues, plastics, wood, non-metallic waste, coal, animal feeds (also pellets), maize, grain, confectionery, malt, farinaceous products, spices, dried meat, bones, horn, dragées, tablets, leaves, fibers, peat, roots, tobacco, cork, straw, film and so on

Furthermore, the cutting mills are also recommended for sample treatment according to RoHS and WEEE.

Method of operation:

The sample is ground by a rotor fitted with blades which combines three fixed blades to effect size reduction.

Features at a glance:

- fast, reproducible grinding
- different rotors to suit the cutting process appropriate to the sample
- cutting rotor and sieve cassette/insert can be easily removed without tools
- cutting gap can be externally adjusted
- hinged housing can be lifted up
- connection for exhaust system
- quick, easy and thorough cleaning of grinding chamber and components
- safety tested (CE mark)
- 2-year guarantee

Technical data:	PULVERISETTE 19	PULVERISETTE 25
Max. input grain size:	70 × 80 mm	120 × 85 mm
Max. funnel opening:	70 × 290 mm	120 × 295 mm
Throughput:	up to 60 l/h	up to 85 l/h
Sieve inserts:	0,25 – 6 mm	1 – 10 mm
Dimensions (L × D × H):	44 × 55 × 63 mm	45 × 65 × 63 mm
Weight net:	56 kg	75 kg

Article	Order No.
① Universal cutting mill PULVERISETTE 19	53 98 19000
Without funnel, cutting tool set, sieve cassette, collecting vessel and under frame, for 230 V/1~, 50–60 Hz, 2200 Watt	

Article	Order No.
② Power cutting mill PULVERISETTE 25	53 98 25020
Without funnel, cutting tool set, sieve cassette, collecting vessel and underframe, for 400 V/3~, 50–60 Hz, 3340 Watt	

Further models with different sample sizes and throughput rates are available. All cutting mills are also available for other voltages.

Please select further funnels, cutting tool sets, sieve cassettes and collecting containers from the lists below, because otherwise the devices are not ready for operation.

Accessories PULVERISETTE 19 and PULVERISETTE 25

Funnels

Standard funnel for long goods and bulk cargo

for type	PULVERISETTE 19	PULVERISETTE 25
Order No.	53 98 19185	53 98 25285

③ Cutting tool set

Standard rotor with V-cutting edges and fixed knives made of tool steel

for type	PULVERISETTE 19	PULVERISETTE 25
Order No.	53 98 45510	53 98 45700

Sieve cassettes for PULVERISETTE 19

Trapezoidal hole mm	Square hole mm	Order No.
0.5		53 98 45542
1		53 98 45544
2		53 98 45546
	4	53 98 45550
	6	53 98 45551

Sieve cassettes for PULVERISETTE 25

Trapezoidal hole mm	Square hole mm	Order No.
1		53 98 45744
2		53 98 45746
	4	53 98 45750
	8	53 98 45752



Further accessories for PULVERISETTE 19 and PULVERISETTE 25

Article	Order No.
Collecting vessel, 3 liter	53 98 45573
Collecting vessel for large quantities, 10 liter	53 98 45570
Universal stand	10 98 05582

Further funnel tubes, cutting tool kits with other rotors and in other materials as well as sieve cassettes with sieve inserts in other drills as well as sample suction available upon request.

For sample treatment according to RoHS and WEEE (e.g. to prove hexavalent chrome) and for XRF-analysis, we recommend the cutting tool kit made of chrome-free tool steel and the FRITSCH sieve inserts made of chrome-free steel ST12.

