

**Cutting mills PULVERISETTE 15 and Universal Cutting mills PULVERISETTE 19****Cutting mills PULVERISETTE 15 and Universal Cutting mills PULVERISETTE 19**

Ideal for pre and fine comminution of soft to medium-hard as well as fibrous or brittle, tough materials. They are essential for the areas of plastics, textiles, agriculture and forestry, environmental, construction materials, chemistry and foodstuffs. All cutting parts can be removed for cleaning in just a few seconds without tools, unbeatable fast, simple and efficient. Variable rotational speeds, different rotors, various knife geometries and replaceable blades ensure maximum flexibility and durability. For controlling the abrasion properties, the cutting tools are offered in different materials. The optimum airflow ensures fast comminution and secure protection against clogging. The FRITSCH Cyclone separators (optional) for sample exhaustion enable simple feeding due to the strong airflow, increase throughput, and reduce the thermal load of the samples.

Instruments also available in other voltages.

Funnels, rotors, sieve inserts/sieve cassettes and collecting vessels must be ordered separately. FRITSCH also offers a Cutting Mill Combination which consists of the Universal Cutting Mill PULVERISETTE 19 and Power Cutting Mill PULVERISETTE 25.

The important effect is that samples with feed particle size of 120 mm max. can be ground to a few 100 µm within a short time and in a single operation. Ordering data on request.

The Universal Cutting Mills PULVERISETTE 19 are also available completely in stainless steel.

NEW: Universal Cutting Mill PULVERISETTE 19 now with variable rotational speed for optimal adjustment of the cutting speed to your sample material

Variable 300-3000 rpm is ideal for fine comminution of dry soft to medium-hard sample materials as well as fibrous materials and plastics.

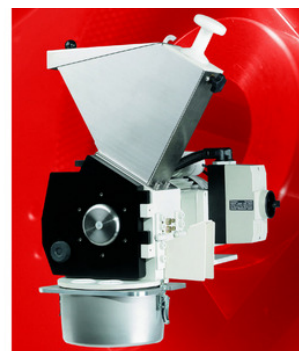
Variable 50-700 rpm for powerful comminution of hard, tough-elastic and temperature-sensitive samples or an excessively high fine share need to be avoided.

**Specifications**

**Max. feed size:** 70 x 80 mm\*

**Rotation speed:** 50 ... 3400 min<sup>-1</sup>

**Sieve inserts:** 0.2 ... 20 mm\*



Code	Description	Packaging
LLG09738423	Cutting mills,Pulverisette 15,incl. 3,5 ltrs. collection vessel,w/o.sieve insert and stand max.feed size 60 mm	
LLG09738421	Cutting mill"pulverisette 15" 400V/3-/50Hz/1900W without rotor	1 pz.



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