

P-19 Cutting Mill

# Powerful variable-speed comminution



**+ suitable for GMP**  
and RoHS-compliant

**+ feed rate up to 85 l/h**  
with variable speed

**+ feed sizes**  
**up to 120 x 85 mm**  
depending on model

**+ final fineness down**  
**to 0.1 mm** depending on  
model and sieve insert

**+ rotor easily adjusts**  
to all sample materials

**+ grinds long materials**  
without pre-shredding

**+ CleanDesign**  
for tool-free cleaning

# The cutting mill for all your needs

With the FRITSCH P-19 Cutting Mill, it is quick and easy to comminute a wide range of plastics/polymers and biological materials – in both large and small quantities. Key applications include the environment and recycling, secondary fuels/EBS in cement production, power generation, cannabis processing, as well as feed in the agricultural sector.

A special stainless-steel version is available for food and pharmaceutical applications. Incremental speed adjustment means you can optimize your cutting parameters to suit every type of sample material. The sophisticated grinding chamber design also ensures optimized hygienic cleaning. Typical FRITSCH quality.

## Modular versatility

Simply exchange the rotary cutter to perfectly match your P-19 Cutting Mill to the characteristics of any sample material. We offer rotary cutters and blades made from selected materials and with different cutting geometries. You can determine the final fineness of your samples by inserting the appropriate sieve. Likewise, various funnels, collecting vessels, and stands made from a range of materials allow you to configure your mill even more precisely to your applications. Connecting your P-19 to a FRITSCH high-performance or small-volume Cyclone ensures easier filling and cleaning, enhanced final fineness levels, higher throughput, less thermal stress on your samples, and dust containment for added safety.



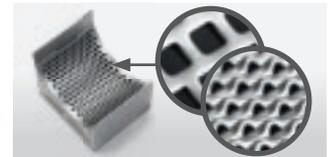
FRITSCH high-performance Cyclone



Standard V-shaped rotary cutter



Rotary disk cutter



Strainer inserts made from 316L stainless steel

## Technical data

<b>P-19</b>	<b>P-19 large</b>
<b>Optimal material type</b> hard, medium-hard, soft, brittle, tough, fibrous, tough-elastic, temperature-sensitive	
<b>Connection values</b>	
380 – 460 V/3~	380 – 460 V/3~
200 – 240 V/1~ / 100 – 120 V/1~	200 – 240 V/1~
<b>Rotor speed</b>	
50 – 700 rpm	300 – 3,000 rpm
<b>Drive output</b> up to 5 kW	
<b>Frequency</b> 50 – 60 Hz	
<b>Connection values/torque</b> 380 – 460 V/3~, 50 – 60 Hz, 5,000 watts, 30 Nm	
<b>Weight</b> 77 kg	88 kg
<b>Dimensions W x D x H</b> Table mounting or on stand 45 x 65 x 63 cm	
45 x 65 x 63 cm	



### Contact us now

for a non-binding consultation or test milling to identify your ideal device configuration and parameters.

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### Find out more at

[www.fritsch-international.com](http://www.fritsch-international.com)  
in the sample-preparation/  
milling/cutting-mills

