

树枝状木材样本

行业:	Agriculture and forestry
进料尺寸:	< 3cm (thick)
材料特征:	two samples, both very dry and a little softened (less lignin) sample 1: "Plaquettes" - massive pieces & sampe 2: "Bois grossier" - coarse twig like sample
最终精度:	< 0,5mm
样品量:	1kg
研磨建议:	A fast comminution to the desired endfineness of these kinds of wood samples is possible with our Universal Cutting Mill PULVERISETTE 19 in combination with the sample exhauster system with cyclone separator. One very big piece which has been found in our trial "result 2" could not be ground directly with our Power Cutting Mill PULVERISETTE 25 in result 3, so a combination of both machines is not recommended.



UNIVERSAL CUTTING MILL PULVERISETTE 19

disk milling rotor with indexable inserts and knives made of hardmetal tungsten carbide

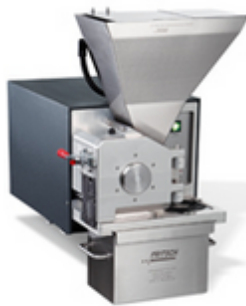
+ 0,5 mm sieve cassette, trapezoidal perforation made of stainless steel

+ sample exhauster system with cyclone separator

Material attributes:	grossier - twig like wood sample
Feed quantity:	575 g (complete sample)
Feed Size:	< 3 cm (thick)
Grinding time:	3:50 min
Final fineness:	< 0,5 mm
Comments:	The twig like sample can be ground with our Universal Cutting Mill PULVERISETTE 19 and cyclone separator as well.

One of the delivered pieces uses to be way too big (see second photo on the left side). One piece we fed to the machine (right side of the picture) has been cut like in a pencil sharpener. We needed to remove that piece two times which causes the longer grinding time.

A vacuum cleaner and a brush are fulfilling for a rapid & proper cleaning.



POWER CUTTING MILL PULVERISETTE 25

disk milling rotor with indexable inserts and knives made of hardmetal tungsten carbide

+ 10 mm sieve cassette, square perforation made of stainless steel

Material attributes: grossier - twig like wood sample (sample which could not been ground in result 2)

Feed quantity: 95 g

Feed Size: 14 cm long / 6,5 cm thick (see second picture from result 2)

Grinding time: 1:10 min

Final fineness: < 10 mm

Comments: By the first feeding, the piece has been too big and blocked the rotor. After removing, the piece has been fallen into several smaller ones which could be fed a second time. The smaller pieces could be ground without any problems.

Afterwards, the thinner piece from result 2 (right side on the picture) could be fed without any problems.

After grinding, pieces up to 2,5cm length can be found. That would be a good start size for comminution in our Universal Cutting Mill.

A vacuum cleaner and a brush are fulfilling for a proper cleaning.