

# US8



## Machines for **cutting filament hanks**

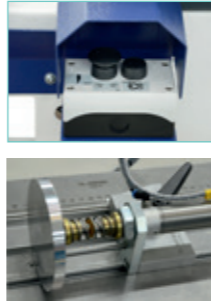
- Hand-operated or automatic
- Available with flat knife or circular blade
- Optional with stocking depot

# US8-Family

## Machines for **cutting Filament hanks**

### 1 Simple hand-operated version

The hanks are inserted by hand and pushed into position for cutting. The hank is fixed by two clamps and then cut. Depending on the material the cut is made by a flat knife (for plastic or natural bristles) or by a circular blade, which is particularly well suited for abrasive material.



### 2 Automatic version

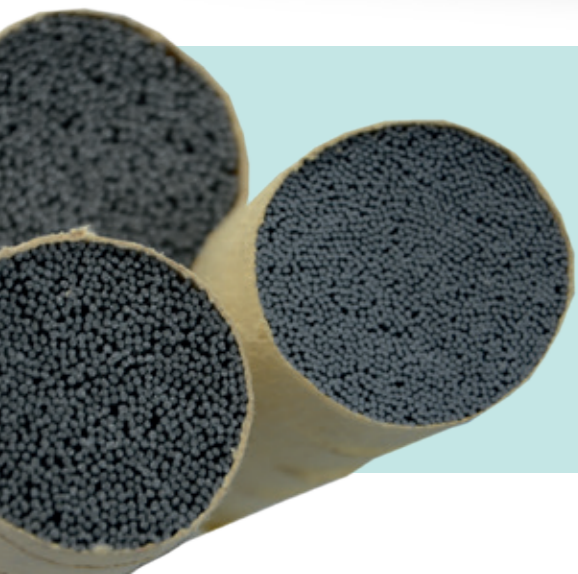
The bundles are inserted into the slide rail and automatically slide forward to the stop position by means of a pusher. Jaws are fixing the hanks during the cut. The filaments of the first cut fall separately into a collection container of the machine, and are easily disposable through a drawer from the outside.



#### Advantage of circular cut

Performance up to 55 cuts / min.

By rotating a round blade for each cut, a service life of up to 10 times longer can be reached in comparison to the version with a flat knife.



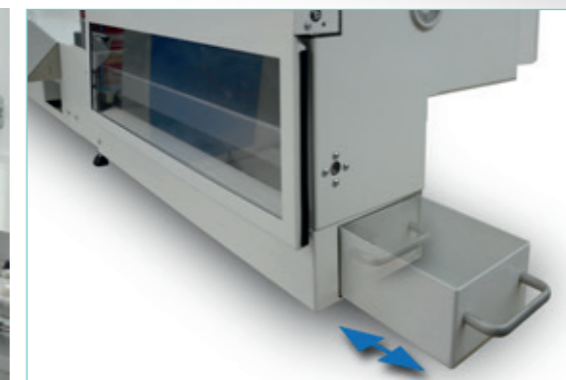
1 2 3

	US8	US8R	US8Z	US8RZ	US8ZM	US8RZM
Knife	straight knife	circular knife	straight knife	circular knife	straight knife	circular knife
axes of Motion	3	3	4	4	5	5
Type	pneumatic	pneumatic	electronic	electronic	electronic	electronic
Operation	semi automatic	semi automatic	fully automatic	fully automatic	fully automatic	fully automatic
Materials	synthetic natural bristles	synthetic natural bristles abrasive	synthetic natural bristles	synthetic natural bristles abrasive	synthetic natural bristles	synthetic natural bristles abrasive
Bundle retainer/ holding capacity	60/35-60 mm 80/45-80 mm 100/ 80-100 mm	60/35-60 mm 80/45-80 mm	60/35-60 mm 80/45-80 mm 100/ 80-100 mm	60/35-60 mm 80/45-80 mm	60/35-60 mm 80/45-80 mm 100/ 80-100 mm	60/35-60 mm 80/45-80 mm
Min. hank diameter	35 mm	35 mm	35 mm	35 mm	35 mm	35 mm
Max. hank diameter	100 mm	80 mm	100 mm	80 mm	100 mm	80 mm
Max. hank length	any	any	1700 mm	1700 mm	1700 mm	1700 mm
Min. puk length	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
Max. puk length	100 mm	470 mm	470 mm	470 mm	470 mm	470 mm
Cuts / min.	-	-	55	55	55	55

### 3 Automatic version with supply magazine

Hank bundles are placed into the magazine. Depending on the material up to 10 hanks can be inserted. After the last cut a new hank will be inserted into the rail and then pushed to the cutting blade. The bundle is fixed by two clamps and then cut.

A clean solution: both, the first, as well as the last cut of the bundles are falling in a container and can therefore be easily disposed of.



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