

## RESY RSF roll screen filter system



The RESY RSF roll screen filter system is used mainly as a standalone machine to remove chips from the filtering media. The filtration effect is varied by using different kind of filter fabrics.

The standard version is equipped with 80 µm chromium-nickel steel fabric. No additional filter materials are required and operation is fully automatic.

In the inner drum, the filter fabric has been closely fitted and is, therefore, not subject to heavy strain. Consequently the lifetime of the fabric will take several years.

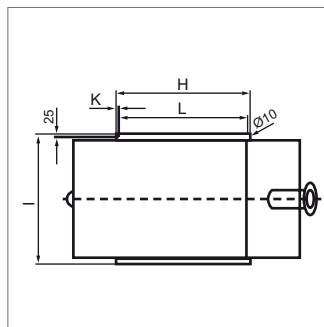
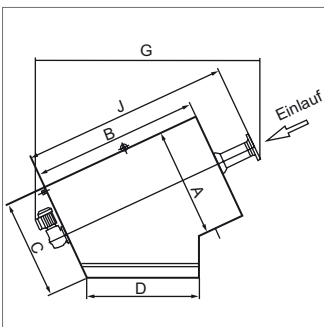
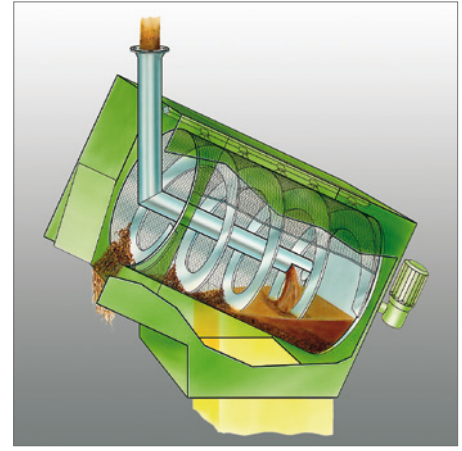
The filter consists of a continuously or intermittently rotating filter drum supported on bearings and inclined upwards at an angle of around 25° towards the discharge. Fitted inside the drum is a discharge screw, which rotates with the drum by means of frictional interlock.

As the chips are kept rolling during rotation, the fabric remains clean. Any material stuck to the fabric is removed by a blast of liquid which cleans the drum from the outside before starting the filtration phase.

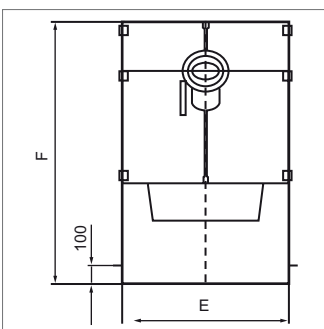
The roll screen filter is designed specially for cleaning liquids with high chip content without additional energy or operating material costs. With maintenance work reduced to a minimum, this system offers unsurpassed value for money.

For special processing requirements a dual-circuit system should be used. The RSF filter can be used for coarse cleaning. Media cleaned in this way can be used without problem to rinse tools and the external coolant for example.

For fine (10 to 20 µm) filtration – e.g. for internal lubricant supply – a KBF filter should be installed additionally in the bypass. This filter combination should be sufficient to meet all requirements.



Please contact us for further details about your operation.



	RSF 401/V	RSF 601/V	RSF 801/V
A	580	780	980
B	827	1157	1497
C	530	725	895
D	460	730	1005
E	520	720	920
F	ca. 835	ca. 1150	ca. 1450
G	ca. 1275	ca. 1620	ca. 2010
H	500	775	1050
I	620	820	1020
J	1088	1465	1855
K	20	20	20
L	460	735	1010
DN	80 PN16	100 PN16	125 PN16