

**No more clogged
coolant lines**



CS-Powerfilter

The inexpensive filter sensation
to take care of your coolant

CS-Powerfilter – surprisingly simple ...

Always the same

During daily operation CNC machines are exposed to an enormous amount of impurities.

Especially during the chip removal of high temperature oxidised materials like grey cast iron, brass or plastic a high amount of very fine particles accumulate and are thus flushed into the machine coolant.

These particles are drawn in by powerful booster pumps which in turn are blocking the supply of the feeding line, the tool changer or the cooling channel of the tools. Additionally oil and bacteria deposits are narrowing the cross section of the lines. This results in production downtime and requires time consuming clean-up.

Clean solutions

CS-powerfilters help to avoid this type of blockage. This filter constitutes a quick and space saving solution that can be installed between coolant pump and tool changer - also as a retrofit. It safely and thoroughly filters all chips and other impurities from the cooling circle.

The time is right

Everybody knows it, and everybody hates it. Blocked coolant lines during the operation of CNC-machines are very time consuming, cost effective and irritating.

Honestly – how much of your valuable production time per year are you loosing due to cleaning and tool breakage downtime caused by interrupted coolant flow?

Finally that is over!

This is the result produced by the coolant filter made by Cerning & Stoepel.



A clean affair

The interchangeable CS-Powerfilter consists of a highly durable special fabric with a filter area of 140.000 mm. A filtration range from 5 to 100 μ can be achieved. The standard filter already ensures a fineness of 30 μ . For excessive chip generations a duo bag can be used.

It is made of an inner filter of 100 μ and an outer filter of 30 μ , which protects the bag from mechanical damage. In spite of the filter, the loss of pressure of a 5 bar powered coolant pump with built-in filter is only 0.1 bar.

Made by professionals for professionals

The designers of this brand new CS-Powerfilter are very experienced CNC-machine users thus they know what they are talking about. Their well-thought out coolant filter is a very safe, cost effective and meaningful alternative to old systems like centrifuges and band filters. With its length of 520 mm and a diameter of 100 mm it keeps your CNC-machines free from any blockage cause by chips or other impurities. You change it only once a month - it couldn't be easier.



(1. photo)

Hardly takes up any room. The CS-Powerfilter can easily and quickly be retrofitted on any CNC-machine. Small effort results in a big effect.

(2. photo)

Inconspicuous, but effective. Due to its small dimensions the fitted CS-Powerfilter does not take up a lot of room so it does not hinder the machine operator in his work.

(3. photo)

Everything is possible. Apart from screwing the CS-Powerfilter directly on to the machine it can also be attached to a nearby wall with a strong magnet or on a separate stand.

(4. photo)

Flexible and turnable. The aluminium casing of the CS-Powerfilter is screwed on with O-ring sealed caps on either side. The incorporated hose stem in its cap can be freely rotated by 360 degrees, which makes the opening of the cap as well as the filter exchange quick and easy.

... simply inspired by genius!



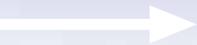
What are you waiting for?

With this cost effective CS-Powerfilter, blockages on CNC machines will belong to the past. It guarantees continuous production, clean coolant flow and less machinery downtime.

Try it now and you will be convinced of the quality of the performance of our CS-Powerfilter.



CS-Powerfilter



Given by:

All technical changes are reserved by the manufacturer