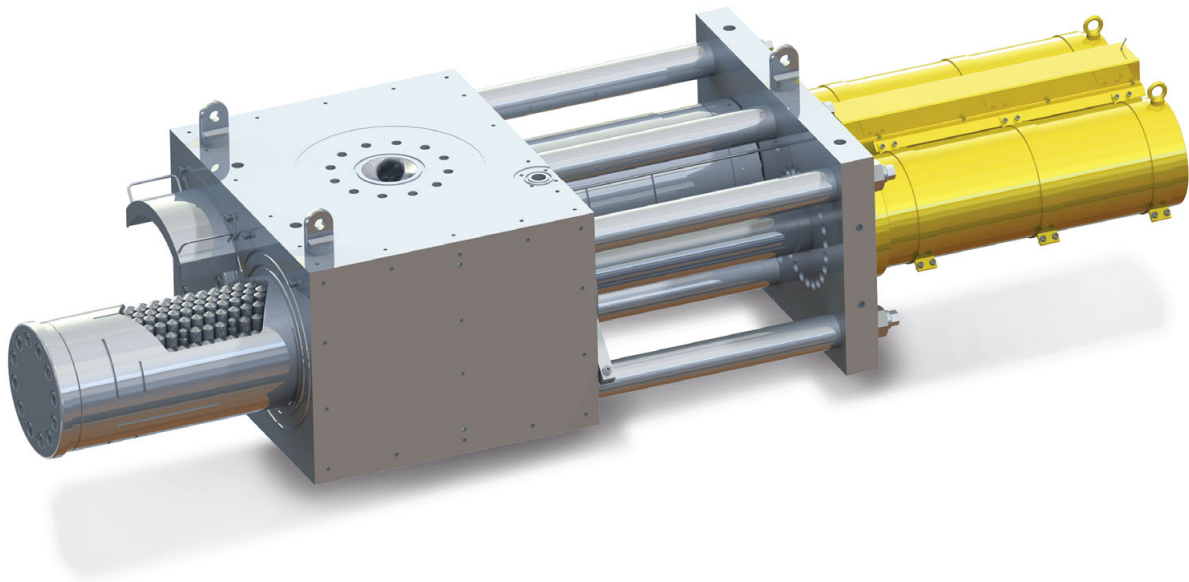


# CSC-P

## Large area screen changer for polymer processes



The large area screen changers from maag pump systems are based on a proven dual piston design that does not require additional seals, and is equipped with application-specific filter elements. This design is ideal for applications requiring large area fine filtration. The seal cavities are tailor-made for the use of basket filters, omega screens, disc and candle filters. Used are multi-layer filter media made of screen mesh and/or metal fiber fleece up to an active filter area of 15 m<sup>2</sup>.

### Your benefits

- Material residence time < 30 s
- Candle filter elements
- Disc filter elements
- Basket filter elements
- Omega area screens
- Filter change in minutes
- Low pressure usage

# CSC-P

Large area screen changer for polymer processes

## A range of typical applications

- Polymer process
- Fibers
- Granulation
- Flat films
- Foam films
- Blown films
- Plates
- Pipes
- Blown mouldings
- Recycling
- Compounding

## Accessories

- Connection adapters
- Support carriages
- Controls
- Protective equipment
- Thermal insulation
- Filter elements

## Additional CSC designs

- Back flushing
- Start-up valve

## Technical data:

<b>Candle plate diameter:</b>	Up to $\varnothing$ 400 mm x L 560 mm
<b>Screen area:</b>	To 15 m <sup>2</sup>
<b>Installation:</b>	Compact design, any installation position possible
<b>Technology:</b>	Proven dual piston construction, that does not require additional seals

To change the screen, the screen bar is moved out of the housing by means of the hydraulic cylinder and at the same time, the clean filter elements are moved into the production position. Simple and efficient degassing prevents that air is entering the melt stream. Changeover, takes only a few minutes, providing continuous operation and thus guarantees constant operation of the system from process to process.

## Application limits:

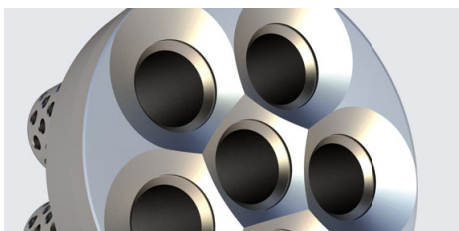
<b>Temperature:</b>	Up to 350 °C
<b>Operating pressure:</b>	350 bar
<b>Pressure differential:</b>	To 100 bar

## Tailor-made filter designs

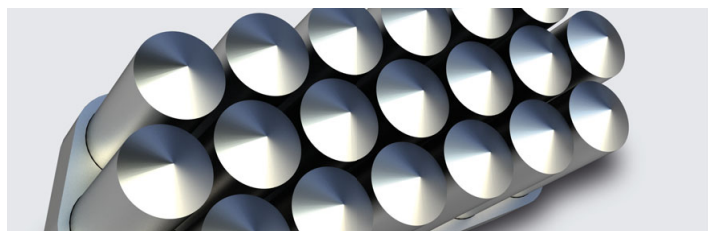
Multiple screen bar and filter elements are available for the extrusion and polymer industry. Having a selection allows for a user-specific optimization of the large area filter for any process requirement.

## Options

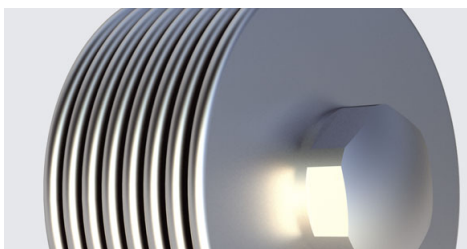
- Oil, liquid, or steam heating
- High temperature version up to 450 °C
- Flow channels chrome or nickel plated or with special coating
- Stainless steel design



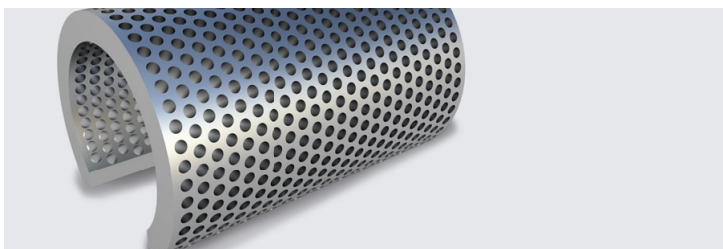
Basket filter elements (CSC-P/B)



Candle filter elements (CSC-P/C)



Disc filter elements (CSC-P/D)



Omega screen plates (CSC-P/R)