

**Press Release**

Oberglatt, 23.10.2007

**FSC – optimized for soft PVC application**

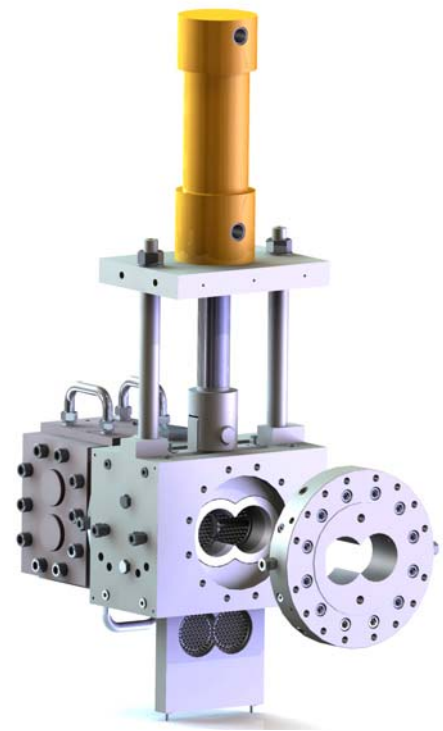
Components of the screen changer FSC from Maag Pump Systems were further developed to address the challenges of PVC production: PVC extrusion is a continuous process, which takes place in a narrow temperature range of 160 to 200°C. If the upper limit is exceeded there is a danger of the melt overheating and burner formation.

A unique channel guide prevents a reduction in the flow speed and ensures that conveyance is continuous and constant. The new 8'er contour of the screen mounting plate enables the cylinder contour of the double screw extruder to be continued up to the perforated plate. The screw tip is thus able to convey up to just before the screen. A special coating prevents the melt sticking.

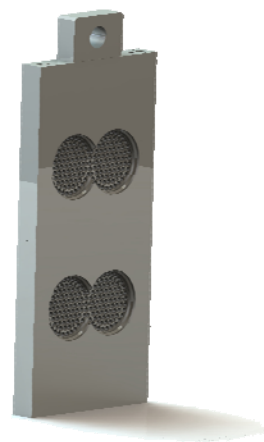
The forming of local overheating during the heat up is prevented with the help of an oil temperature device. On the other hand, during the rundown the liquid tempering prevents heat accumulation. The heat in the channels is systematically dissipated.

A further feature of the FSC is the heatable screen plate. Before a screen change the stand-by cavity can be set to operating temperature to ensure temperature constant production. Accessibility to the screen plate and the adjacent housing parts is assured at all times.

The pressure adaptive gasket system between the screen plate and housing is used for leak-free conveyance at high pressure. With this the contact pressure increases on the gasket system when the internal pressure increases.



Pic.1: FSC



Pic.2: screen plate