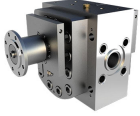


Maag presents new generation of high-pressure gear pumps

The Swiss company Maag Pump Systems AG from Oberglatt exhibited its new generation of trudex gear pumps for high-pressure extrusion at Chinaplas 2011. According to Maag, demand is increasing for gear pumps designed for high-pressure applications.



trudex gear
pump from Maag
for high-pressure
extrusion
applications

The trend is being driven by the increased amount of applications involving highly complex processes. This includes the modern foam processing used for materials-efficient foam pipes as well as blow film processes. The use of modern filter equipment for ultra-clean plastics also requires increasingly high pressure levels during extrusion. The hallmark of this trend is extrusion equipment working with operating pressures of >120 bar. The pressure at the tool itself is even as high as >400 bar. The trudex series provides a consistent solution to processors working with modern extrusion processes, says Maag.

The company draws on forty years of experience in building gear pumps to offer the trudex series. The new generation features an innovative gear geometry providing a higher degree of efficiency for the pump. The pump bearing was also modified to increase its emergency running property. Various tempering options, including the choice of electric or fluid media, cover all process-related requirements of extrusion applications. Maag also offers special configuration of the pump to match a specific customer requirement profile as an optional service.

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