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تقنية الأغشية

موضوع خاص

New Sludge Press Separator SPS 8-1200



New Sludge Press Separator from FAN (Photo credit: Bauer Group)

The **FAN Separator GmbH**, a subsidiary of the Austrian **Bauer Group**, presents new, innovative solutions for sludge separation which only not promise more hygiene but also operating costs and time-saving. The new sludge press SPS 8-1200 is used in municipal sewage plants and wherever industrial sludge needs to be dewatered as for example in meatpacking, milk and tannery industry. With the new system FAN completes its product range from the pump technology to professional separation and establishes itself as an overall supplier on the market for sludge dewatering. The new FAN sludge separator SPS 8-1200 has a drive power of 0,55 KW, the solid matter can achieve a dry mass content of up to 30%. The innovative sludge separator will be used in municipal sewage plants where decanter centrifuges have often been used so far. The aim of the new system is always separating liquid from sludges and changing their content of humidity, volume and consistency. For example the more sewage sludge is going to get dewatered, the cheaper the disposal and transportation costs become.

Advantages compared to decanter centrifuges

The essential advantages of these innovations compared to decanter centrifuges are their considerably

lower energy and maintenance costs and higher dry mass contents. The mostly high operating costs by using decanter centrifuges (15 – 20 KW) can be considerably reduced with the new sludge press separator. Another distinctive feature is the screw of special geometry designed for sludge dewatering. ■