

Spring Compact: self-cleaning drum filter

Losma, leader in design and installation of filtration systems for air and coolants, offers in its wide range of products a self-cleaning drum filtration system for coolants, which uses non-consumable media: **Spring Compact**. It will be shown at the company's booth in **EMO, Hall 16 Stand C20**.

Part of **Spring** series, it differentiates from other depurators for using a metallic net as permanent filtering media. Net efficiency is customizable and can be re-generated thanks to the automatic cleaning system called Autoclean, to reduce maintenance and waste disposal costs.

Spring Compact can manage flowrates ranging from 100 to 5000 l/min of neat oil or emulsion, filtering just the amount of coolant requested by the machine tool. Filtration process is very simple: the liquid enters into the tank and passes through the drum, which is covered by a metallic net. At the beginning of the process the net is clean, pollutant particles collect on the drum. As the filter net gradually gets dirty, the liquid level increases. When the coolant reaches the maximum internal level allowed, a self-cleaning cycle is started automatically and the drum rotates. At the end of this phase the coolant level descends and the filtration cycle begins again.

Spring Compact is different from other coolant filtration systems because the clean tank is welded on the filter body, from here it goes straight back to machine tool thanks to a pumping system, thus eliminating any mud deposit.

Losma's staff will be available from **18th to 23rd September at EMO 2017 – Hall. 16 Stand C20** to illustrate the wide range of its offer.

For more information:

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