

### **Agritechnica 2017: Innovations from the Liebherr hydraulic portfolio on display**

- Extension of the LH30VO axial piston pump family by two additional sizes - 28 and 85 cm<sup>3</sup>
- Extension of the portfolio to eight controllers

**Nussbaumen (Switzerland), November 2017 – At Agritechnica 2017, Liebherr Components presents three different innovations in the field of hydraulics. These include the LH30VO axial piston pumps extended by two nominal sizes, the corresponding programme of controllers as well as an innovative universal drive-through solution for the LH30 product family.**

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Following its strategy since Agritechnica 2015, where the first variant of the medium pressure pump, the LH30VO045, was presented to the market, Liebherr Components will introduce its extension of the LH30 pump family of medium pressure pumps by two additional sizes –with a displacement of 28 cm<sup>3</sup> and 85 cm<sup>3</sup>. The two new sizes are aimed at customers in the mobile machinery business. They are suitable not only for construction machines, but also for agricultural and forestry machinery – for example as a steering pump, fan drive and more broadly as drives for operating hydraulics.

Furthermore, following its modular concept, Liebherr introduces an extended controller programme. Controllers can be integrated alone or in combination with each other. This allows broader coverage of applications possible in the fields of stationary and mobile hydraulics. In addition to the load-sensing controller with pressure cut-off (LS0DA-), as well as electrically-operated controls (DE\_), further new controllers are now available. These are, for example, a remote pressure control (DF-) or electrically-operated proportional swivelling angle controls with or without a signal loss function (VE\_ or VK\_).

The aim of this programme is to achieve an optimal performance of the entire hydraulic system through combinable standardized controls, making it very easy for the customer to have a tailor-made solution.

One further innovation to be featured at this year's Agritechnica, is a universal drive-through option for the LH30 products family that will allow customers to acquire standalone units and extend them further by ones in different sizes according to their needs. The universal drive-through option is possible due to the specific design of the pump. The standardised opening is thereby closed by a pressure proof pressure proof cap at the back of the pump. The customer can, therefore, decide any time to plug in one further unit at this interface. For that only the size of the standardized SAE flange and the splined size have to be determined. This allows maximum flexibility in the design phase, as well after the implementation. The drive through capacity of the LH30 product family of up to 130% remains untethered.

### **Captions**

liebherr-lh30-product-family.jpg

The extension of Liebherr's medium pressure portfolio - the LH30 product family.

### **Weblink**

[www.liebherr.com/hydraulic-pumps](http://www.liebherr.com/hydraulic-pumps)

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