



SMART & SIMPLE THE **LOTUS** LAUTER TUN

The new **LOTUS lauter tun** offers the following advantages:

- up to **50** percent fewer ring pipes
- up to **70** percent fewer run-off pipes
- up to **55** percent less water volume in the piping area
- higher first-wort concentration
- effectively more sparging water available

Furthermore, the required performance and wort qualities are achieved safely. The desired yield is also achieved when using wort types with a high extract content, as for high gravity brewing or for some very strong craft beers.

LOTUS
BY ZIEMANN





The outlet area of the LOTUS can easily be increased to 2.5 m² due to the false bottom distance and the flow-optimised tulip shape. The run-off pipes are no longer distributed across the lauter surface like honeycombs, but are integrated into the bottom directly above a single lauter ring.

LOTUS therefore needs up to 70 percent fewer lauter tulips and 50 percent fewer pipes. The lower pipe volume reduces the water volume required in this area by approx. 45 to 55 percent. The cost of the associated measuring and control systems is reduced accordingly.

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All relevant parameters determining the lauter characteristics, such as suction pressure, turbidity, flow rate and yield, are exactly equivalent to those of previous high-performance lauter tuns, in spite of the simplified LOTUS design. This also holds for different types of grist and original wort and the processing of more than 70 percent wheat malt; as verified by scientific work on a pilot scale.

In short: LOTUS facilitates very flexible lauter work, processes various types of grist and original wort and is very attractive with regard to the investment required. LOTUS is particularly suitable for the globally booming sector of hand-crafted special beers, as supported by an impressive list of references.

The new LOTUS design with its reduced number of run-off pipes and only a single lauter ring is offered for lauter tun diameters of up to 8 metres; above which ZIEMANN HOLVRIEKA use the traditional lauter tun design, or the proven mash filter.

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