

PRESS RELEASE

Universal use:

Hygienic HYGHSPIN stainless steel twin screw pumps

When flexibility is needed in the beverage industry, the Jung Process Systems' HYGHSPIN twin screw pumps provide the perfect solution. As a universal pump, they are capable of gently handling a wide variety of viscosities. For the HYGHSPIN twin screw pumps, yeasts, marcs, frozen or chunky fruit juice concentrates, syrups and high-heated sugar syrups are no more difficult to handle than the low-viscosity cleaning fluids used in the CIP and SIP processes. This also means that frequent product changes can be efficiently effected.

Manufactured entirely in stainless steel, these universal pumps fulfil the highest of hygiene standards as required by breweries and beverage manufacturers. "As opposed to many other pumps, any parts of the HYGHSPIN models that come into contact with any media are made entirely from stainless steel and not out of castings," Sales Director Henning Grönwoldt-Hesse explains. "With these flawless and spotless parts, product adherence is avoided and complete cleaning is guaranteed." The cavity-free design and the location of the shaft seals within the complete CIP cleaning flow are also features of the hygienic design.

Mobile all-rounder

The distinctive characteristic of this maker is a twin screw pump manufactured entirely in stainless steel pump in block construction. The pump bodies are securely joined to the drives and therefore create a complete unit that ensures contact-free, perfectly balanced operation. "When the pump runs it is a lot quieter, there is no damage to the bearings. And, of course, it is also a lot easier to clean because there are no contaminant deposits under covers and other similar areas," Grönwoldt-Hesse maintains. "Mobile pumps are being used more and more frequently, especially in the beverage industry. This is where the HYGHSPIN really comes into its own – it's a real all-rounder. It is compact and only takes up a small area. As a mobile unit it can handle a variety of different tasks in varied locations."

Time is money

Beverage manufacturers also use several pumps for transfer tasks. When it comes to the loading and unloading of tankers and ships, or recirculation within fuel depots, time is a decisive factor. Here, time really is money and the HYGHSPIN twin screw pumps prove this as they are able to handle much greater pressure losses in suction capability than other pumps. This means that existing pipework is able to cope with large quantities without the risk of cavitation. This makes the HYGHSPIN models an interesting alternative even if a traditional centrifugal pump would be able to cope with the viscosity of the products to be transferred. HYGHSPIN twin screw pumps are, in addition to this, very durable with low wear-and-tear, and only need minimal maintenance.

Jung Process Systems GmbH has specialised in the design and manufacture of stainless steel twin screw pumps. This family company has grown out of Jung Gerätebau GmbH and boasts more than four decades' worth of experience with the challenging material that is stainless steel. The parts are all made and assembled at their own plant in Kummerfeld, near Hamburg. Thanks to an exceptionally high level of manufacture and considerable warehousing capacities, each customer's individual requirements can be realised in very little time.

Jung Process Systems at the BrauBeviale in Nuremberg

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www.jung-process-systems.de

(551 words, 3478 characters including spaces)



(Photograph: Bild JPS.JPG, source: Jung Process Systems)

HYGHSPIN: The only twin screw pump in block construction, completely produced in stainless steel