



Jung Process Systems GmbH
Contact: PW Marketing
Tel./Fax: +49 40 765 00 686
E-mail: wagner@pwmarketing.de
www.jung-process-systems.de

PRESS RELEASE

[HYGHSPIN Pumps specially for pharmacy and cosmetics applications](#)

Jung Process Systems shows pump program for the first time on TechnoPharm exhibition

After very successful attendances to the last-year's trade fairs Anuga FoodTec and Achema, Jung Process Systems - located in Kummerfeld near Hamburg – presents for the first time also during TechnoPharm exposition in April in Nuremberg the HYGHSPIN twin screw pump. Interested visitors are invited to inform themselves in Hall 9, Stand 622 about pumps which are specially developed and equipped for applications in the pharmaceutical and cosmetics industries.

Product and process safety requirements in the pharmaceutical industry are extremely high. Consequently, pharmaceutical companies declare challenging requirements to their production and laboratory facilities.

Frequent focus is put on sterile production which is reproducible into detail. Key aspects are as follows: simple cleaning of all process components, i.e. including the pumps used, and gentle product transport.

HYGHSPIN twin screw pumps comply in detail with both of these essential requirements of the pharmaceutical and cosmetics industry. They are constructed according to the criteria of the Hygienic Design and consist completely of stainless steel with a surface finish of $Ra \leq 0.4$, if required. The mechanical seals are completely located in the flow area, the elastomers are

FDA approved. The pumps are gap-free and without any dead space and can be completely emptied in order to avoid contaminations by means of product residues or intermixtures. They are CIP-capable and can be sterilized up to a temperature of 145°C.

HYGHSPIN pumps are used, for instance, for the production of creams, ointments and liquid soaps. HYGHSPIN pumps work with non-contact axially operating feed screws facilitating relatively low product flow speed through the pump, without deviation of flow direction, thus avoiding foaming of liquid soap during transport and achieving a gentle, nearly pulsation-free feeding at constant high suction capacity. In the cosmetic industry abrasive product constituent parts are also very often added. Thanks to modern drive technology only little heat gets into the product. The speed range of 5 – 120 Hz offers a high flexibility and economical appliances for products of different viscosities.

Foto:



HYGHSPIN Components Ra ≤ 0.4

www.jung-process-systems.de
www.hyghspin.de

Jung Process Systems GmbH
Auweg 2
D-25495 Kummerfeld/Pinneberg
Tel.: +49 +4101-7958140
Fax: +49 +4101-7958142
info@jung-process-systems.de
www.jung-process-systems.de

3096 characters
442 words

Ref.: Jung 2013_03 en
Foto: 2013_03
Date: March 2013

Besides of FAS Füllanlagenservice GmbH the company Jung Process System GmbH is emanated from Jung & Co. Gerätebau GmbH, a family-managed medium sized machine manufacturer specialized on the manufacture of stainless steel parts for more than 40 years now. Their worldwide sales are governed through partners in Germany, France, Netherlands, Austria, Switzerland, Spain, USA, Argentina, Brazil and Australia.