

PRESS RELEASE

Jung Process System gains order from French specialist for egg products

HYGHSPIN 125 for feeding of whole egg

For the challenging task of gentle feeding of egg products Jung Process Systems obtained during this summer the second important order for a HYGHSPIN 125 from one of the leading French producers of egg products. With this new pump the customer achieves considerably higher capacities at constant excellent product quality.

Egg products belong to the food industry and form an integral part since long for many foods. For example, whole egg is used predominantly for bakery and dough products, royale, omelettes and scrambled eggs and quite often it is also utilized as binder for fillings and desserts. Specially in the large-scale industrial production egg products are the more favourable microbiological and practical alternative compared with eggshell eggs. All egg products without eggshells are normally pasteurized and packed under aseptic conditions. In Germany pasteurizing is regulated by law.

Gentle transport of the egg products is more than essential in order to maintain the most important characteristics of the highly sensitive egg products during production process – such as emulsifying capability of the yolk resp. the thermally inducing coagulation ability of the egg white. This means extremely high demands for the machines and makes the axial feeding principle of the HYGHSPIN twin screw pumps considerably superior compared with rotating displacement pumps such as rotary piston

pumps. The media is not beaten but fed gently towards flow direction. At higher circumferential speeds rotating pumps often operate with mixing function because of the specific power input, thus destroying the structure of the egg white.

The HYGHSPIN 125 now supplied to the customer in France feeds 90 m³/h of egg product against 7 bar. Pumps HYGHSPIN 125 are the most powerful pumps manufactured by Jung Process Systems, achieving a capacity up to 300 m³/h. The double-acting flushed mechanical seal of the pump avoids that product gets outside and that dirt and microbiological contaminations come inside the product. At the same time these mechanical seals serve for optimum cleaning. As a standard the pump is equipped with the new revision opening in the gear casing, facilitating considerably maintenance of pump.

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Foto:



HYGHSPIN 125 for gentle feeding of egg products

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Jung Process Systems GmbH, together with FAS Füllanlagenservice GmbH, developed from Jung & Co. Gerätebau GmbH, a family-run, medium-size mechanical engineering company with 40 years' specialist experience in the processing of stainless steel. Worldwide sales are managed via offices in France, Benelux, Austria, Switzerland, Spain, Denmark, Italy, Portugal, UK, Turkey, USA, Argentina, Brazil, Chile, Bolivia, Peru, Paraguay, Uruguay, China and Australia.