

Newsletter 02/2017

1. Project example multifunctional and versatile filling and closing machine for cosmetic products in the premium segment



Project requirements

A small but fine company in Switzerland develops and manufactures premium cosmetic products with high quality for the national and international markets. This company just inaugurated a new site to dedicate their production there exclusively to the filling and packing of luxury cosmetic products. On the one hand, these products become more and more important on the market, on the other hand, they also represent a particular challenge. Parts of them are packed manually with high hygienic requirements. Thus, the production volumes are smaller and the production speed is lower. This kind of production requires special machines meeting the challenging demands. For this reason, our customer put a long-cherished idea of a filling and closing machine into practice and developed it together with us. The result is an innovative, highly flexible and at the same time space-saving machine with the following features:

Packages:	more than 35 different bottle sizes and shapes with a height of up to 230 mm and a diameter of up to 90 mm
Product:	Creams, lotions and liquids
Closures:	Seals, screw-on and press-on caps
Changeover times:	less than 30 minutes
Process:	Manual infeed of packages and caps, torque control, in-process control (presence and position of the cap) with automatic outfeed, screw-on, press-on
Output:	- 15 packages/min (dependent on the operators)

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Figure 1: Machine overview



Figure 2: Starwheel



Figure 3: Level for height adjustment



Figure 4: Turning knob height adjustment

Customer benefits

- Compact monobloc design
- Pneumatic, filling nozzle closabel from the inside to avoid dripping
- Screw-on and press-on caps can be processed on the same machine
- Pre- and post-screwing unit to increase the performance
- Tool-free format part change according to the poka yoke-principle (Japanese, engl. «avoid unfortunate errors»)
- Format parts are avoided wherever possible
- Indexed and reproducible settings
- LEDs to visualize the time slots for machine interaction from any workplace

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2. Pre-assembled tubes from Zellwag Pharmtech AG

We would like to offer our customers the most comprehensive service possible. For this reason, we will now provide you with pre-assembled silicone peroxide tubes and platinum-cured silicone tubes for dosing and transferring of products, compatible with all Flexicon pumps (same chemical composition, no revalidation) and Y-pieces of polypropylene. The tubes retain their chemical, mechanical and electrical function between - 50 – plus 200 °C. They meet the requirements on a polymer of the United States Pharmacopeia Class VI, comply with the ISO 10993 regulation concerning biocompatibility and are manufactured according to the European food standards. The Y-pieces are biologically inert, suitable for all peristaltic pumps and are provided with material certificate.

Did we arouse your interest? Then do not hesitate to contact us for further information or a non-binding offer. We are looking forward to hearing from you!



3. Post-reporting of the Interpack 2017 in Düsseldorf



The Interpack 2017 was a very successful fair for us, where we were able to make a lot of new contacts and generate new leads. Thanks to all visitors for the many interesting discussions! Meanwhile we are ready for new challenges and looking forward to hearing from you! The next trade fair presentations are already in preparation!

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4. We expose on the following fairs

We would be pleased to schedule an appointment with you at our booth! Please contact us!



PACK EXPO LAS VEGAS, 25. - 27. September 2017, Las Vegas, Nevada, USA
Visit us at booth # S-6327. We are looking forward to seeing you!



PharmaTech Expo Kiev, 17. - 19. October 2017, Kiev, Ukraine
Visit us at the booth of P.E.C. We are looking forward to seeing you!



Compamed, 13. - 16. November 2017, Düsseldorf, Germany
Visit us in hall 8a at booth K16. We are looking forward to seeing you!



pharmtech & ingredients, 21. - 24. November 2017, Moskow, Russia
Visit us at the Crocus Expo IEC, pavillion 2 at the booth of P.E.C. We are looking forward to seeing you!