

Integrated solutions to activate your candy.



Innovative OTC sweets with active nutritional supplements.

Become successful in the market for nutritional supplements and over-the-counter medicines with trendy, tasty and active OTC sweets.

Up to date supplements

Decide for success and growth potential with novel supplements (for example, hemp-based). sweetOTC is your partner when it comes to achieving your goals quickly, efficiently and in the right way.

From the idea to the finished product

With new products successfully in emerging markets.

As a specialist in the development and manufacture of confectionery machines, we are one of the leading suppliers of technologies and machinery for the production of active OTC sweets and cannabis products (OTC = Over the counter).

For years, the number of confectionery products that are transformed into products with health-promoting or biologically effective properties through the addition of various food supplements has been on the rise.

In the market, OTC products such as dietary supplements or nutraceuticals are very widely accepted as sensible, health-promoting additions to our daily diet.

From vitamin sweets to fruit gums against headaches or for falling asleep and calming down – the market is diverse and constantly growing. The fruit gum or candy is becoming the modern tablet.

"We accompany you throughout the entire process: starting with brainstorming and product development to the perfect machine and a comprehensive after-sales service."

Holger Brack,
Head of Product Technology Lab / Process Development

There is also great growth potential for over-the-counter medicines in the pharmaceutical sector. For example, medically effective analgesics (painkillers) or cannabis oils (CBD) are already being used in some countries.

Based on decades of experience, we offer our customers:

- Complete development of individual OTC sweets
- Tailor-made production processes
- Exact dosage of active ingredients
- Hygienically perfect, GMP-compliant design



Use existing market potentials effectively

with innovative OTC sweets and supplements.

Decide on success and growth potential. sweetOTC is your partner when it comes to achieving your goals quickly, efficiently and in the right way. You can rely on us from the first product idea to design, dosage, taste and colour to the planning, manufacture and commissioning of individual production plants. We offer everything along the entire process from one source and are available with advice and support even after implementation with our diverse range of services.

OTC sweets

OTC sweets offer unique, innovative opportunities for confectionery producers, pharmaceutical manufacturers, manufacturers associated with pharmaceuticals as well as young start-up companies.

Dietary supplements in new dosage forms such as fruit gums, vegan jellies or candies are enjoying great popularity and high acceptance.

The trend towards combining sweet and healthy has been developing continuously for many years. sweetOTC can already look back on many years of development work for these special novel products and for the special requirements associated with the diverse manufacturing processes.

"As a reliable partner, we support you on this path from the beginning and help you to take advantage of new market opportunities with new products and customised, legally compliant production."

Carsten Butz,
Technical Director WDS

Supplements

Nutritional supplements, so-called nutraceuticals, are products whose ingredients are biologically active in the human organism. Enhanced health awareness in society has greatly increased the demand for such products in recent years, because they are seen as a useful addition to a healthy diet and lifestyle.

The market for supplements is growing worldwide and a strongly expanding industry. This applies e.g. also for products with hemp / cannabis active ingredients. The positive properties of hemp components are well known and used in different forms and dosages, even more in food, OTC products and pharmaceutical preparations.

With the development and commercialization of new confectionery products in this and other fields, you secure decisive competitive advantages for the future.



With a variety of products and flavours

open to new paths and markets.

OTC sweets, cannabis products and over-the-counter medicines do not have to be boring. Quite the contrary: Together with us, you create new, exciting and trendy products that are up to date. As one of the leading international manufacturers of confectionery plants, our machinery program covers the entire spectrum of deposited confectionery with a wide variety of applications and capacities.

We´ll make it together! OTC sweets and supplements made of chocolate, jelly, hard candy or fondant & toffee - there are no limits to your product ideas!

*"Chocolate bars for an active vitamin intake?
A gummy bear for headaches?
What is your idea? Just talk to us."*

André Weins,
Area Sales Manager

Fondant & Toffee



Hard Candy



Jelly



Chocolate



Production plants, machines and components

tailored to your requirements.

As a specialist in moulding lines, we can cover the entire spectrum of deposited OTC sweets and supplement confectionery with a wide variety of applications and capacities. Our plants are customer-specifically optimized to ensure the best possible product quality with maximum efficiency and profitability. The exact dosing of active additives and the fulfilment of GMP conformity for quality assurance is our main focus.

Plants for jelly products as well as for fondant, toffee and chocolate products

Our production plants are suitable for active OTC confectionery based on pectin, gelatine, starch, carrageenan and agar-agar. Confectionery masses such as fondant, toffee or chocolate are also suitable for the application of food supplements and other active substances.

Depending on the requirements in the GMP environment, the masses are deposited according to high hygienic standards in solid and washable moulds consisting of silicone or polycarbonate or dosed in mould starch on Mogul plants.

Moulding processes in polycarbonate moulds have gained popularity in recent years due to their effectiveness, productivity and hygiene.

Plant technology from lab to production scale

Laboratory depositor machines from sweetOTC are perfect for product and process development of a wide variety of OTC and supplement confectionery products. Production plants of types ConfecECO and ConfecPRO enable the production of OTC confectionery under the most modern and hygienic conditions with a capacity of 100 kg to over 2 t per hour.

The heart of every sweetOTC plant is the depositor machine. It is used to accurately deposit the hot mass into the moulds. To reduce heat retention times to a minimum, sweetOTC has developed the SmartPipe inline depositor system, which deposits the mass directly without a mass hopper. The first-in-first-out system achieves heat retention times of less than 90 seconds – a maximum of product protection!

The products are demoulded directly into blisters or onto a discharge belt in an orderly, product-friendly process and can be post-treated according to product requirements (oiling, sugaring, dusting, post-drying).

OTC products are manufactured in a closed production cycle in a clean room. Multiple handling of the moulds or removal for cooling, storage or demoulding is not necessary.

Highlights:

- Cavity-specific spraying of the moulds, no overspray
- Minimum heat retention times with SmartPipe
- Effective and fast cooling in paternoster refrigerators
- Orderly and product-friendly demoulding
- Qualified and compliant with GMP regulations
- No multiple handling of moulds
- Dosing into different mould types
- Empty mould check with automatic mould exchanger
- Shift register: direct ejection of defective moulds



The sweetOTC product technology lab

Your partner for innovative product and process development.

In order to create innovative OTC and cannabis products, our product technology lab specializes in the development of new and the optimization of existing depositing processes as well as the associated technology.

From idea to series production

Our customers have servo-electric controlled laboratory depositors and many other process engineering components at their disposal so that they can develop an optimal product design and a production process customised to it in collaboration with our experts. Together, we work out the recipe, the shape, the taste and the integration of the active ingredients.

Thus, from the initial idea through all steps of development to sample production, new, active confectionery products are created in our technical centre that our customers can later produce on a large scale with the production plants we build.

Know how it's done

In our workshops and training courses, we thoroughly provide our customers with the necessary specialist knowledge to enable them to produce OTC products and supplements on their own. A balanced ratio of theory and practice guarantees a successful start of production.





sweetOTC created by WDS

The entire expertise of one of the world's leading manufacturers of confectionery machines.

sweetOTC is an independent division of Winkler und Dünnebier Süßwarenmaschinen GmbH. With decades of practical knowledge, state-of-the-art infrastructure, profound know-how and highly qualified employees, we are able to incorporate our entire performance, creativity and experience into advanced solutions for the production of innovative OTC sweets and cannabis confectionery.

We already support you in product development and accompany you as reliable partner throughout the entire development process - right up to series production with tailor-made production systems.

At a glance:

- One of the world's leading manufacturers of confectionery machines
- Specialist for moulding plants and depositing processes
- Worldwide sales with first class customer service
- In-house product technology lab to develop innovative products
- Constant expansion of research and development works



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