

Facts

of the production

Easy to swallow, flexible in production: Innovative Minitablets

The minitables from Trommsdorff are an innovation with many advantages:

1. Convenient advantages for patients

- Minitablets pack large quantities of active ingredient in a form that can be easily swallowed: Ideal in case of swallowing difficulties (especially for older persons or children).
- Small size makes it possible: compared to larger tablets minitables pass quickly and uniformly through the stomach, regardless of meals.

2. Production advantages of Minitablets

- Manufacturing different doses in only one tablet-forming step. Afterwards capsules are filled according to dose.
- Good alternative to pellets, but easier to manufacture
- On demand, with retarding coatings. This opens the opportunity to combine tablets with a different coating into one capsule.
- The easy way to generate complex release profiles, i.e. initial and maintenance dose in one capsule lowers the risk for "dose dumping" .
- Additional option: Several chemically incompatible drugs pressed into minitables, coated and combined in one single capsule.

Efficient production on a daily basis!

At Trommsdorff, production is an efficient profit center with certified and optimized processes.

Daily production in one-shift operation:

Solid forms of administration

	Batch sizes	Daily production
Tablets	Pressing: 80-1.000 kg	up to 3,5 million pieces
Film-coated tablets	Varnishing: 80-500 kg	up to 4 batches
Capsules	80-1.000 kg	up to 250,000 pieces

Granulates: on request

➔ Exceptions: antibiotics and hormones

Semi-solid forms of administration

	Batch sizes	Daily production
Suppositories	40-100 kg	up to 120,000 pieces



Overview of current active ingredients

You need a reliable drug manufacturer or are in an approval procedure for which the active ingredient must be optimized? Ask the Trommsdorff specialists!

Trommsdorff currently puts its Know-How and state-of-the-art technology at the service of other pharmaceutical companies for the galenic optimization and production of the following active ingredients:

Acetyldigoxin (tab.)	Clomipramine (film-coated tab.)
Digitoxin (tab.)	Atenolole (film-coated tab.)
Fluoxetine (tab.)	Prednisone/Prednisolone (supp.)
Liponic acid 300/600 mg (tab.)	Ibuprofen (supp.)
Phenprocoumon (tab.)	Indomethacin (supp.)
Uridine phosphate (minitab.)	Piroxicam (supp.)
Theophylline (caps./tabs.)	Diclofenac (supp.)
Sertraline(film-coated tab.)	Sertaconazole (supp.)
Diltiazem 60/90 mg (film-coated tab.)	Paracetamol (syrup/supp.)
Potassium magnesium citrate (film-coated tab.)	
Potassium magnesium aspartate (film-coated tab.)	



Trommsdorff's production and contract manufacturing: How can we help you?

Trommsdorff covers the entire spectrum of pharmaceutical production. Based on its own research, development and pharmaceutical formulation with state-of-the-art technology and extensive know-how, solid and semi-solid forms of administration are manufactured. Whether they are tablets, capsules or suppositories, Trommsdorff also produces a wide spectrum of products for other companies (contract manufacturing).

Quality is the norm

Top-notch quality, unique production facilities and our customized order execution process make Trommsdorff a solid production partner for both, local and international markets. Quality is key: Strict quality assurance in accordance with international current standards is supplemented by an additional quality and environmental management. This controlled system functions highly efficiently by offering a maximum of flexibility.

Made by Trommsdorff: Semi-solid and solid production

In the manufacturing of suppositories, tablets, capsules and granulates, Trommsdorff combines the latest production techniques with experience, pharmaceutical capability and the intuition of trained specialized workers – who are key to guarantee optimal batch quality.

Tablet-forming, encapsulation and filling

Trommsdorff suppository, tablet and capsule production begins – if there is demand and by request of the ordering customer – in pharmaceutical formulation, where dispensing and production forms are improved and optimal results and efficient manufacturing processes are secured. Due to Trommsdorff's exceptional technologies (i.e. microtablets) our customers have often chosen us as their exclusive manufacturer.



Exclusive Know-How

For tablet varnishing, Trommsdorff uses state-of-the-art coating equipment (Driam coater, Glatt coater). Product manufacturing (tablets, film-coated tablets) and all process parameters (varnishing - mixing - drying) are accompanied by very thorough safety and quality controls. In addition, every batch is precisely documented.

The final testing authority remains the experienced and specialized associate in the production facility, where the drum is once more manually adjusted so it will apply sufficient varnish to the tablets uniformly during the ongoing process. Experience and manual dexterity are required for achieving this, and Trommsdorff can make them available.