

**Continuous Coater - DRIACONTI-T pharma<sup>®</sup>**  
for continuous film coating

**CONTINUOUS FILM COATING** 


**quality  
CONTI  
process**



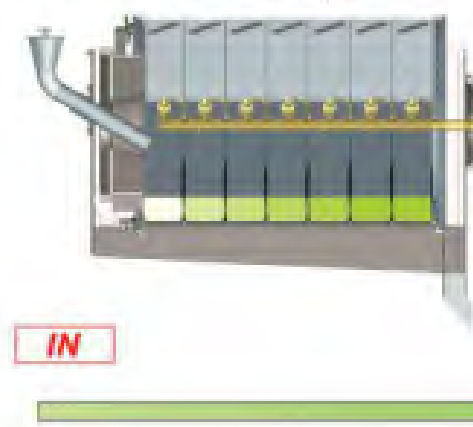
# The Continuous Coater - DRIACONTI-T pharma® for continuous film coating

**DRIACONTI-T pharma** is a 'state of the art' continuous film coater representing a new generation of continuous coating technology. Our continuous coater has individual chambers where dedicated process steps are achieved. Through our 'mini-batch coating technology' the product flow is completely controlled which results in superior coating uniformity.

**Independent Chambers** allow for the tablets to be controlled throughout the coating process. In the first step of the process, the tablets are treated with warm dry air and weighed in the hopper. Next the tablets enter the first chamber to be coated. Each chamber has its own independent spray nozzle and pump making it possible to spray different solutions at various rates.

 **3** chambers  
0,9 to 1,8 liters

 **5** chambers  
5.5 to 11 liters

 **7** chambers  
12 to 24 liters

**IN** **OUT**

**Highly Flexible Coating** is achieved using the Driaconti-T pharma coater. This highly flexible coater can handle complex coatings with throughputs ranging from 80 kgs – 300 kgs and more per hour. DRIAM also offers a mid-range machine capable of handling throughputs from 20 kgs - 50 kgs per hour. These throughputs are dependent on

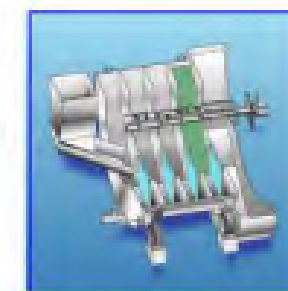


## Customers enjoy these benefits by using the DRIACONTI-T technology:

- Can be used for cosmetic and functional coating applications
- Exact guiding of the tablets creates high quality coating
- Endless extendable process time
- A very controlled coating process
- High coating uniformity of the tablets due to frequent presentation to spray cone
- Precision coating with very low deviation
- Faster process times due to shallow product bed
- The mini-batch can be easily transferred from a batch process
- Ability to handle multiple coating solutions in dedicated chambers
- No start-up and shut-down issues
- Flexible recipes handling of various applications
- Various options for PAT systems
- Superior scalability and easy validation
- Easy to clean due to the short execution and accessibility of the equipment

## Process and Transportation Phases

In the process phase of the coating operation the tablets are treated in each individual chamber for a set residence time. The chamber flaps are then opened to allow for each tablet to move into the next chamber for the next coating



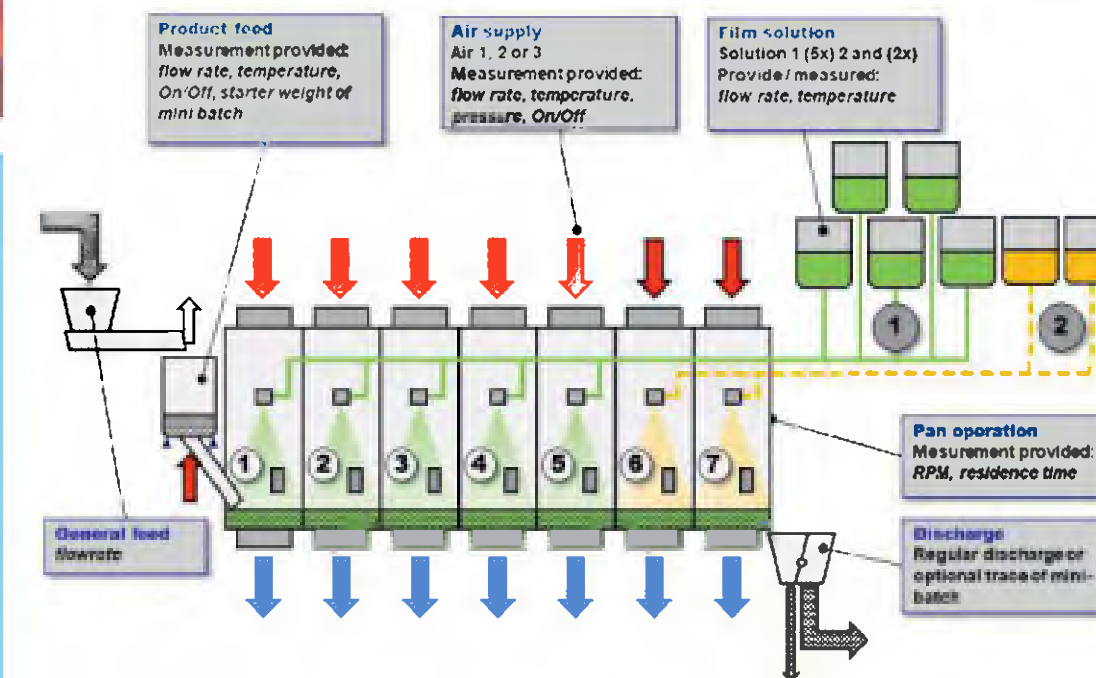
Process Phase



Transportation



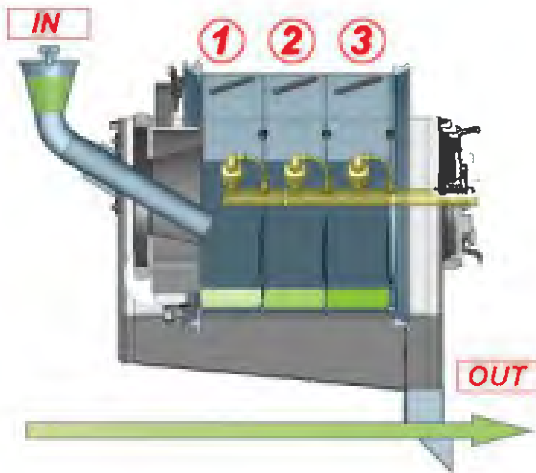
**Shallow bed-depth creates very high coating uniformity** as the tablets are frequently exposed to the spray cone. Given that we are working with mini-batches, it makes for an easy transition from a traditional batch manufacturing to the DRIACONTI-T continuous coating process.



**Critical Process Parameters (CPPs)** are controllable for each chamber ensuring that your product is treated in the ideal conditions. The ability to control all critical parameters in our continuous coater is what separates the DRIACONTI-T technology from existing coating technologies on the market.

**The DRIACONTI-T pharma LAB continuous coater**

is a highly flexible coater that can handle both complex cosmetic and functional coatings with throughputs ranging from 1 kg to 16 kg per hour.



The machine shown has a very small footprint with its own independent air handling system. Critical Process Parameters (CPPs) are controllable in each of the (3) chambers, ensuring that your product is treated in the ideal conditions. The ability to control all critical parameters in our continuous coater is what separates the DRIACONTI-T technology from existing coating technologies on the market.



**DRIAM's Lab Services & Training**

DRIAM has extensive in-house lab testing services used to ensure our technology suits all your needs and surpasses all your expectations. Our solutions satisfy all International ISO Quality Standards, GMP, cGMP and CE standards. The fully operational lab complete with a wide array of coating systems that consist of batch and continuous coating systems.

DRIAM is a global leader in the design and manufacture of coating systems for various solid dosage applications. For the coating of tablets, capsules, softgels and pellets we offer a wide range of batch and continuous film coating solutions.

DRIAM is supporting the industries through a worldwide sales and service network out of the headquarters in Germany and from DRIAM USA located in Spartanburg, SC. Providing turnkey coating solutions is our core business and with this focus we have become one of the best known experts in the industry.

