

Production Machines for Transdermal Patches

The Rohrer TTS-Patch machine concept provides an ideal tool for producing Matrix and Reservoir-patches or also ODS (oval dissolving strips). The machine can operate either as continuous motion or intermittent motion with an output speed of 15 meters or 30 cycles/minute. Thanks to the machine's modular balcony design with individual servo drive station, the machine format tools can be very easily exchanged. Most components are however designed to be independent of format changes.

Each single required function and module will be configured and integrated on to the machine in accordance with the customer's particular production needs.

The high requirements of the pharmaceutical industry concerning cleaning, GMP-requirements and parameter monitoring can be fulfilled according to the required step. The balcony concept allows for an optimal separation of the products from the technical area.

The ELAU servo drives and IPC control system, together with the Viisi-Win software platform, provide for a simple machine and easy machine operation with maximum comfort and product security.



The TTS production machines are fully automatic for small as well as large output, production machine for high quality Matrix or Reservoir patches.

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Flexibility / benefits

- meets the GMP- requirements
- short set-up times
- simple and easy parameter set-up
- rapid format tool change over time (max 30 min)
- simple and quick cleaning possibilities
- guaranteed repeatability
- IPC modules
- balcony concept to provide production and servo-motor drives technical area, separation

Options

The following options can be adapted to the machine:

- various foil-printing systems
- control & inspection systems
- various feeder or dosing modules
- foil cleaning modules
- inspection systems
- special cutting or perforation stations
- edge guidance controllers
- IPC

Depending on the customer's specific development requirements the TTS machine can be integrated with the necessary modules or ergonomically and optimally configuration of the machine modules. Multiple lane production can be implemented (depending on foil width) to increase outputs.

Technical Data

Output / speed	to 15m / min or 30 cycles / min
Format tool change overtime	approx. 30min
Film width- patches	250 mm
Foil width - sachet	350 mm
Drive system	servo motor drive technology / ELAU
Abmessungen	Basismaschine 5000-7000 x 1000 x 2500 mm
General Infos :	
Films	customer dependent
Weight :	>2 tons