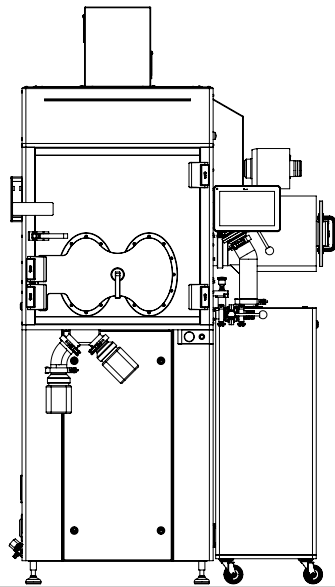


CONTAINMENT EXECUTIONS

Maximized Operator Safety with OEB 3/4/5 Solutions

For applications requiring enhanced operator safety, the STYL'ONE Evo is available in DryCon® and WipCon® containment executions. These configurations feature negative pressure monitoring, interlocked doors, customizable transfer ports such as pass-through boxes, rapid transfer port, or continuous liner, along with formal SMEPAC testing for containment level certification.

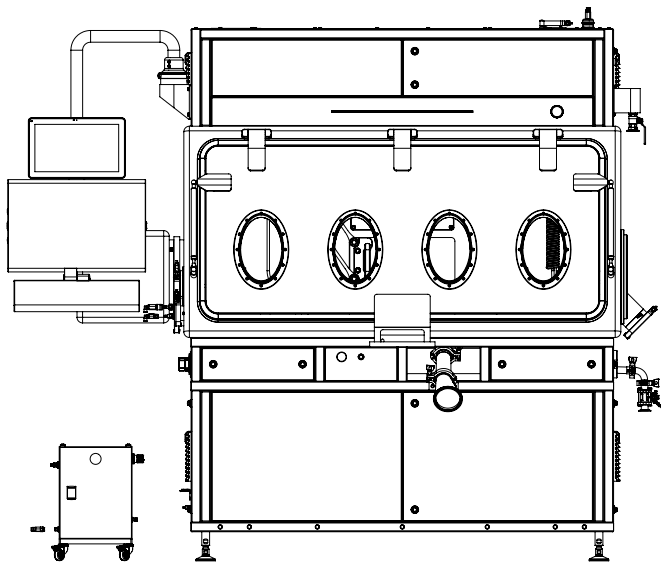


DryCon® Execution

- OEB 3/4 containment level
- Connectable to a vacuum system
- Dry containment
- Small footprint

WipCon® Execution

- OEB 4/5 containment level
- Wash-in-Place containment
- Integration in an isolator
- Cleaning recipe with integrated vacuum cleaner and spraying system
- Large space to integrate a tablet tester or scale



Focused on Tablets, Driven by Innovation

Specialization makes the difference: For over 100 years, we have focused on what we love and do best: tableting!

Experience is key: Thousands of successfully completed projects form the foundation of the largest and most innovative product portfolio in the industry.

We offer the perfect solution and expertise for a wide range of requirements: from special presses for R&D, to rotary presses for scale-up operations and medium batch production, all the way to high-performance presses for 24/7 operation.

Our tablet presses are successfully in use worldwide every day, supported by a global team of specialists in service, process optimization, and sales.

www.korsch.com

KORSCH Global Service Network

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Near East
Africa

Phone: +49 30 43576-300
service@korsch.de

America

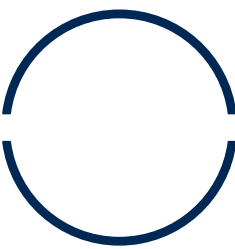
Phone: +1-800-KORSCH-1
service@korschamerica.com

Eastern Asia
South-East Asia

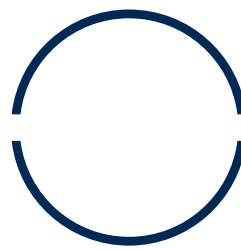
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service@korsch.de

Southern Asia

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service@korschindia.com



KORSCH



KORSCH

STYL'ONE Evo

VERSATILE COMPACTION SIMULATOR

Technical Data STYL'ONE Evo

Description		
Punch Station	1	
Tablet Format	Single-layer, multi-layers, mini-tablets, core rod	
Tool Type	EU / TSM B - D and non-standard	
Die Type	BBS, BB, B, D and non-standard	
Feeding Mode	Manual, Gravity, Paddle, High Capacity Hopper	
Max. Production Output	tabs./h	1,800
Max. Tablet Diameter	mm	16 (B), 25 (D) (contact us for larger formats)
Max. Die Filling Height	mm	21 (B), 23 (D), 40
Upper Punch Insertion Depth	mm	2 – 12
Max. Precompression Force	kN	50 (up to 120 optional)
Max. Main Compression Force	kN	50 (up to 120 optional)
Load Application	Upper and/or lower punch	
Compression Mode	Force or displacement driven	
Punch Velocity (per punch)	mm/s	490
Powder Bed Reduction	m/s	~ 1
Punch Acceleration (per punch)	mm/s²	25,000
Dwell Time	ms	2 - 3,000
Power Supply Voltage	Europe: 400 V 3-Phase 50/60 Hz USA: 480 V 3-Phase 50/60 Hz	
Power	kW	7,000 nominal 2,000 in operation
Electric Protection	A	32 (Type C)
Fault Current Protection / Leakage current	mA	300 (Type AsI)
Compressed Air	Bars L/min (nominal)	6 10
Flow Required For Aspiration	m3/h	10 - 30
Weight	kg	255

Technical modifications reserved

The technical specifications included in this document represent optimal parameters and are dependent on product quality and machine settings.

STYL'ONE Evo

The Most Advanced
Compaction Simulator

The STYL'ONE Evo is the global reference compaction simulator, designed for formulation development, scale-up, and production support. It is capable of producing any tablet format, from single- to multi-layers and tablet-in-tablet configurations.

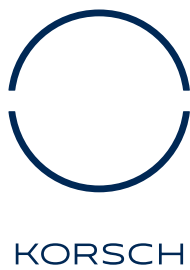
Its innovative drive technology delivers high punch velocity and acceleration, enabling precise replication of any existing production rotary press or roller compactor on the market, supporting the development of robust and optimized formulations.



Versatility

Equipped with a wide range of accessories and software modules, the system supports virtually any product development requirement. It enables a comprehensive understanding of powder tableting behavior through integrated data acquisition and analysis capabilities. Advanced features include a heated die, an automatic external lubrication system, and a GMP production software module with a good/bad tablet sorting chute.

Beyond the supply of state-of-the-art machinery, KORSCH's global Innovation Center network of scientists and process experts provides continuous training and consultancy to help you maximize the performance and value of your equipment.



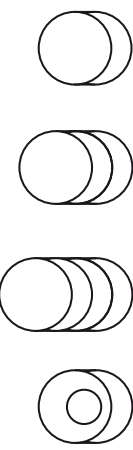
FLEXIBLE COMPRESSION PROFILES

Innovative Drive
Technology



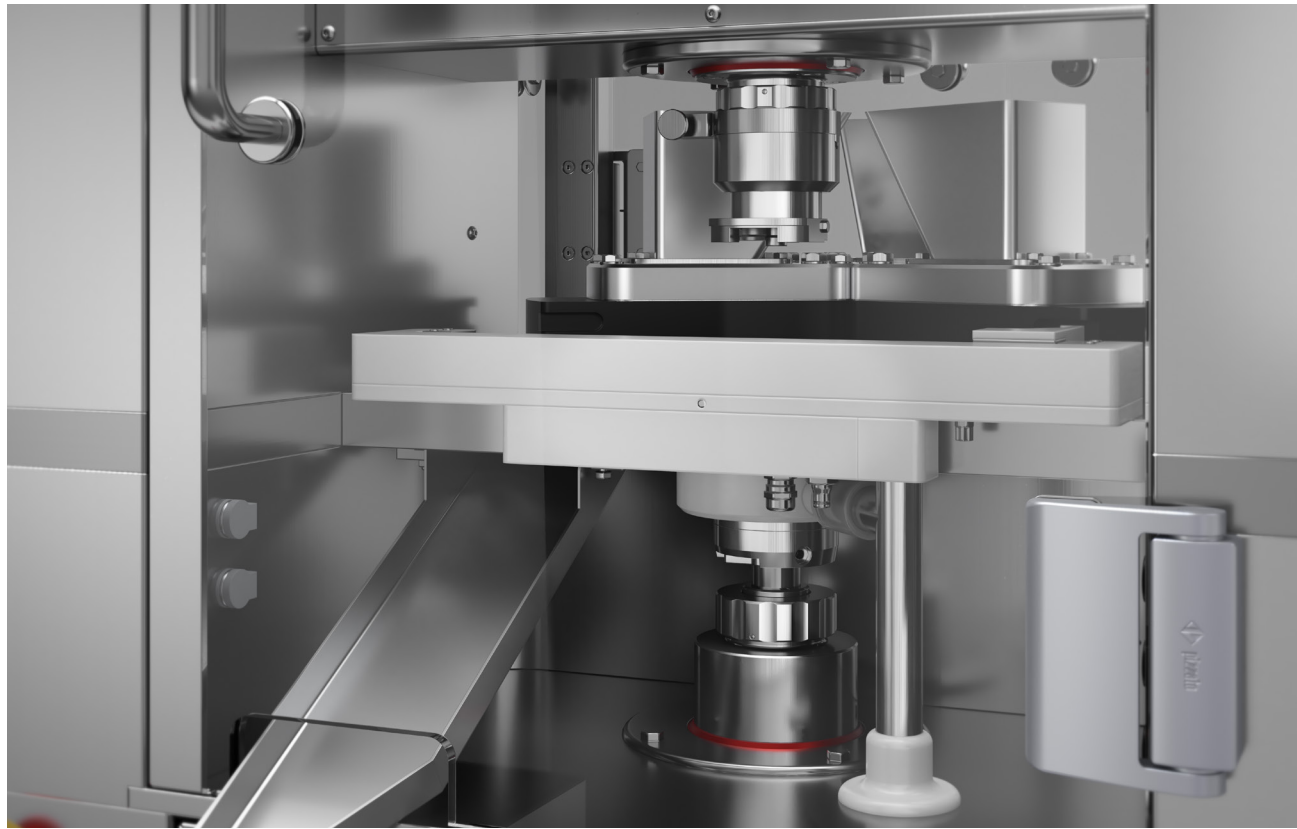
Thanks to its powerful drive system and advanced instrumentation, the STYL'ONE Evo precisely controls punch displacement, enabling the execution of a wide range of compression cycles, including V-shape and extended dwell-time, as well as roller compactor and rotary press profiles.

Each process parameter – such as upper punch insertion depth, dosage height, and compression speed – is independently defined within a recipe via an intuitive software interface.



POWERFUL DATA ACQUISITION SYSTEM

Invaluable Data
Collection

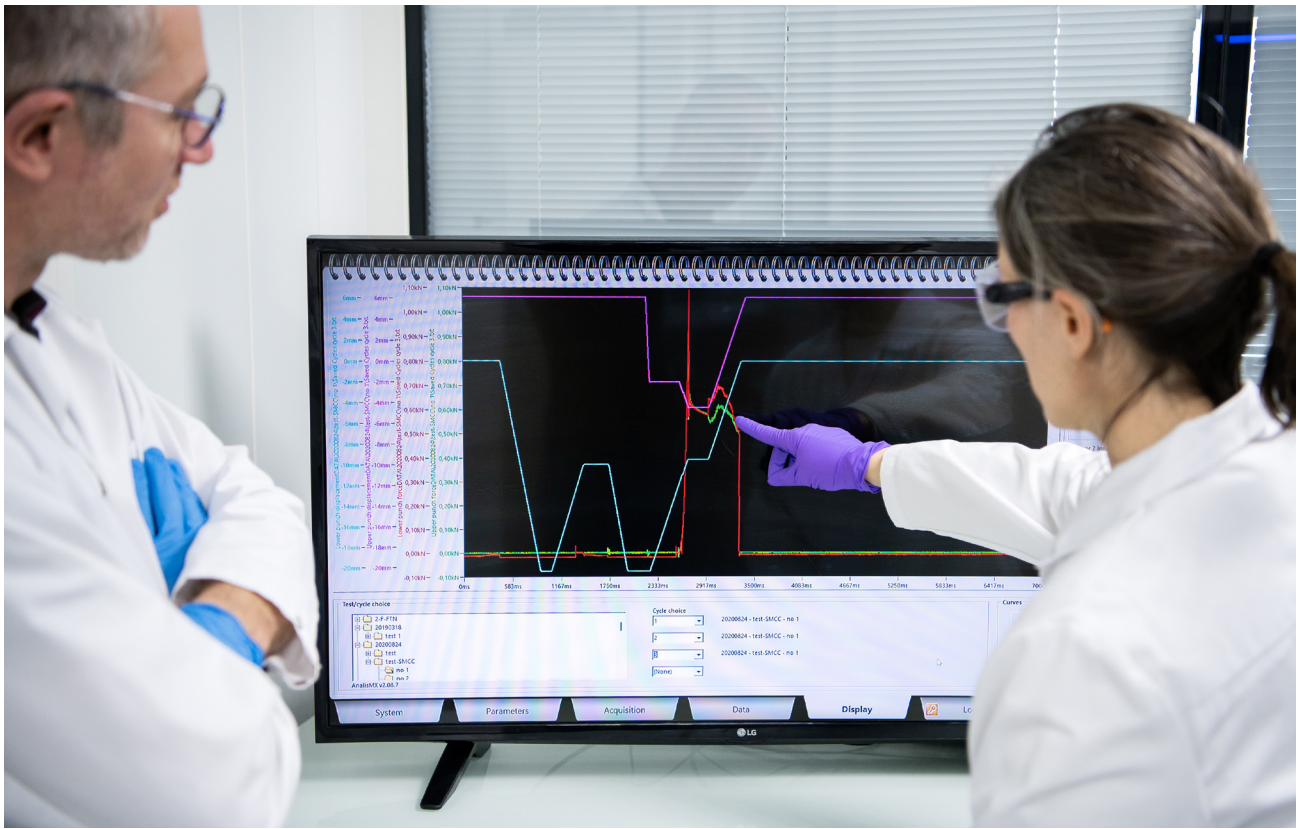


The STYL'ONE Evo is equipped with a powerful data acquisition system capable of recording multiple signals for both upper and lower punches, including pre- and main compression forces and displacement. High frequency acquisition allows capture very short events, such as ejection and take-off. In addition, the instrumented die records maximum and residual die wall pressures, enhancing formulation understanding.

External devices such as tablet testers or scales can be connected to automatically collect additional data – including hardness, weight, and dimensions – supporting comprehensive reports and graphical analysis.

EFFICIENT DATA ANALYSIS

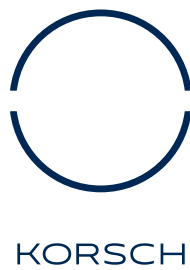
Decisions Based
on Data



Data generated by the STYL'ONE Evo is computed and analyzed using proprietary, user-friendly software that simplifies and streamlines data analysis and interpretation.

A comprehensive range of USP<1062> graphs – including manufacturability, tableability, compressibility, and compactibility – enables straightforward comparison of different products and processes. More in-depth analysis through customized plots allows detailed evaluation of parameters such as compaction energy, porosity, ejection stress, elastic recovery, and more (e.g. Heckel analysis).

Both raw and processed data can be exported to customer local networks or cloud environments for modeling purposes and remain easily accessible for remote review via a viewer license.



Extended dwell-
time & V-shape



Pre- & main
compression



Simulation of all
rotary presses &
roller compactors



Custom profiles: e.g.
ejection under stress



Product & process
parameters



Pre- & Main
compression force
and displacement



Ejection, take-off force
& die wall pressure



Fast design of
experiment (DoE)
execution



Invaluable information
with minimal material
quantity



In-depth material
& formulation
understanding



Viewer license for
remote data analysis



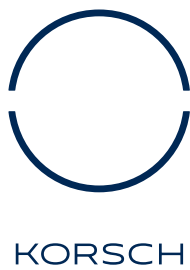
R&D reporting and
GMP batch report

STYL'ONE Evo

The Most Advanced
Compaction Simulator

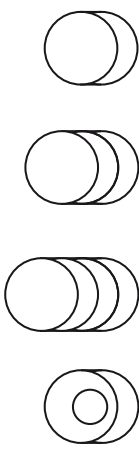
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FLEXIBLE COMPRESSION PROFILES

Innovative Drive
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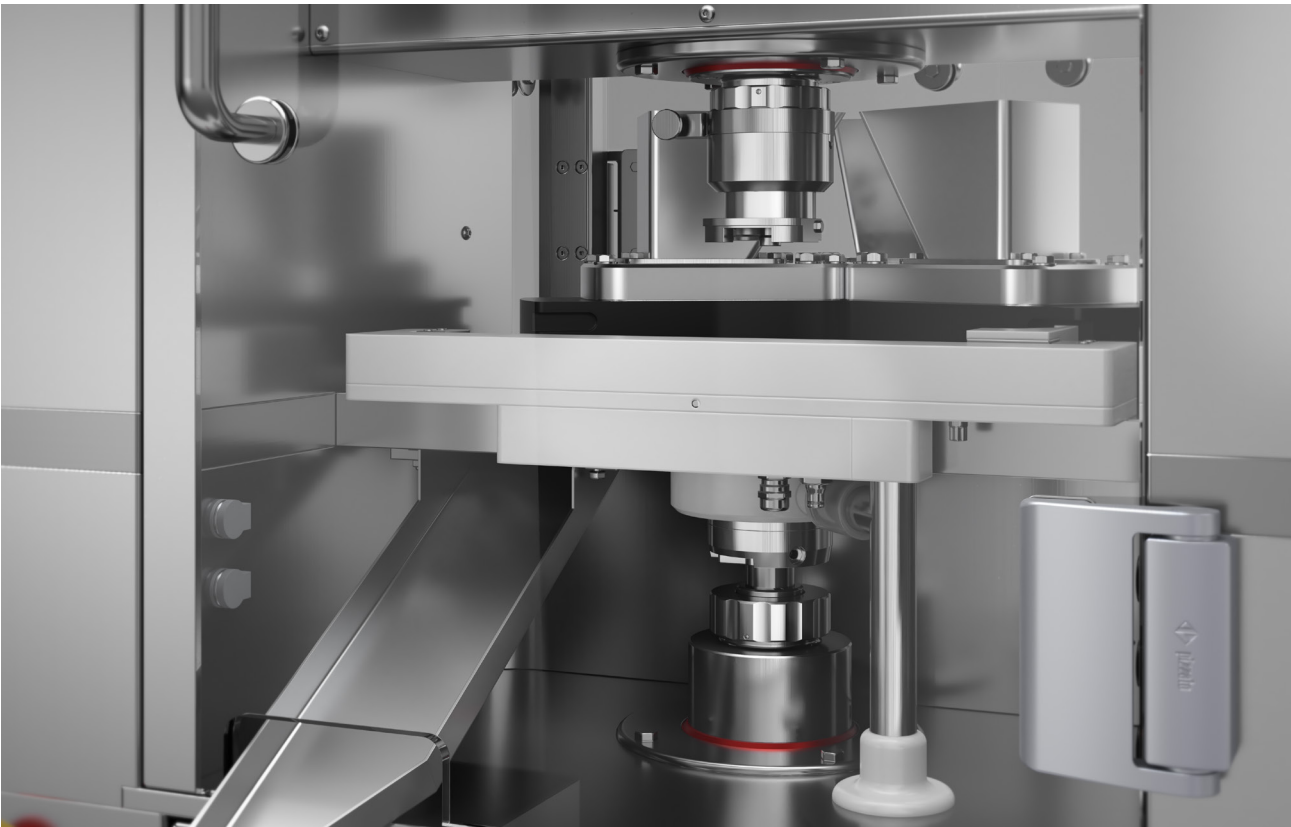


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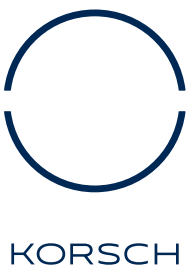


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Custom profiles: e.g.
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Product & process
parameters



Pre- & Main
compression force
and displacement



Ejection, take-off force
& die wall pressure



Fast design of
experiment (DoE)
execution



Invaluable information
with minimal material
quantity



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R&D reporting and
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