

STYL'ONE Evolution

The STYL'ONE Evolution is the all-in-one single-, multi-layer, Tab-in-Tab R&D single stroke tablet press. The machine covers all applications from early research to scale-up to production speed.

The machine is available in three personal safety configurations:

- Standard
- Light containment
- High containment

Highlights

- Replication of all types of rotary tablet presses with a compression force up to 80 kN

- Allows fully automated test series
- Exchangeable worktable
- Full instrumentation for force and displacement measurements
- Target thickness or target density mode
- Availability of different fill shoe systems
- Compression of up to 5 layers with 3 different products (with hand feeding 5) thanks to a special fill shoe system
- Detailed powder analysis via intelligent PAT software ANALIS
- Easy repositioning – fits upright through a standard door
- Die instrumentation (optional)
- Stearate spraying system (optional)



Technical Data

STYLONE Evolution

Tool type	EU/TSM-B or D, specific*
Die	BBS, BB, B, D, oversized*
Maximum tablet diameter (mm)	40
Maximum die filling (mm)	34
Maximum output (tablets/hour)**	1,750 mono layer
Fill shoes (up to 3)	Hand feed, gravity, paddle force feeder, core feeding
Dwell time (ms)	< 2 ms can be extended up to > 2 sec
Compression mode	Force or displacement driven
Compression zone	Adjustable from 1 mm to 12 mm
Maximum pre- and main compression (kN)	50 (to 80*)
Punch movement	Selectable 1 punch only or upper + lower
Acceleration (G) and velocity (mm/sec)	2.6 – up to 2 × 390
Power (kW)	12
Standard voltage (V), frequency (Hz)	400/480 (±10 %), 50/60
Weight (kg)***	1,080

* Options: specific design of tooling and/or tablet press mechanics and electronics

** The output depends on tablet size and compressed material

*** Machine + electrical cabinet

Dimensions



