

SSP1 (Small Scale Production) for Inhalation Blister Development

The Rohrer R550-PRO blister machine combined with the Omnidose powder feeder from H.H. provides an excellent platform for DPI powder filled inhalation blister development.

The concept is most suitable for highly flexible development demands, and is available as either:-

- Modular concept
(SSP-1 modular) OR
- Integrated system, installed in same housing
(SSP-1 integrated)

custom built to meet with customer's specification.

The blister strips or single blisters will be produced in a transfer handling frame which is also used for powder filling on the Omnidose machine and

provides the best possible variability and quality flexible manufacturing.

The blister strips or single blisters will be produced inside a transfer-handling frame which will be used on the HH Omnidose machine as well as the R550 and acts as a link between both units. All parts can be simply pushed in place providing a quick and simple format change over.

All process dependant parameters, force, temperature and time are set up on the HMI touch-screen panel, which provides for a fast and efficient packaging development with results compatible with production machines.



A preparation-table is part of the SSP-1 concept upon which the flexible foil is manually installed on to the handling frames ready for production. After production the final slitting and cross-cutting will also be performed on the preparation table.

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Flexibility / Benefits

- meets GMP requirements
- fast set-up times
- automatic tool recognition system
- user-friendly parameter input
- fast format-tool change-over time
- can be extended to include
 - ➔ general blister development
 - ➔ special applications
- quick and easy clean down
- repeatability guaranteed

Options

The following additional options can be easily adapted:

- sliding lower tool table for easy and ergonomic product filling
- liquid dosing capability
- combined sealing and cutting one-step tool to reduce operating time
- pin-hole detector unit
- printing station
- cutting / slitting station

Depending upon the customer's specific development-requirements, the SSP1 machine can be ergonomically and optimally integrated with the necessary configuration of the machine modules.

Technical Data

Output	depends on the number of operations / >30 blister strips / h
Max. blister size	- 700mm / or single blister
Max. deep-draw	12mm
Closing force	24 - 46kN / at 6 bar / or with servo drive 50kN
Drive	Hydro drive, pneumatic drive or servo drive
Dimensions	750 x 670 x 1100 (1200)

General Info :

Foils :	PVC, PVDC, PE, Aclar, PP PET, COC, ALU
Weight :	300 kg