

iSpray

EXTERNAL TABLET LUBRICATION SYSTEM



iSpray DT

The iSpray is a unique punch face and die wall lubrication system that continuously sprays dry lubricant onto tablet press, delivering a consistent and verifiable amount of lubricant onto the tablet outer surface.

It is the ideal solution to cope with issues such as capping, sticking, too high ejection force, chemical incompatibility with formulation or poor dissolution.

The system applies only the needed amount of lubricant while vacuuming the excess directly from the nozzle to keep the production environment clean.

It therefore helps to reduce the amount of dry lubricant in the blend, or even eliminate it in the case of new formulations.

The minimal quantity of lubricant sprayed externally onto the tablets can be accurately measured and validated as below the threshold for listing as an ingredient in the formulation.

Recommended in
hygroscopic formulation



Prevent capping and
sticking issues

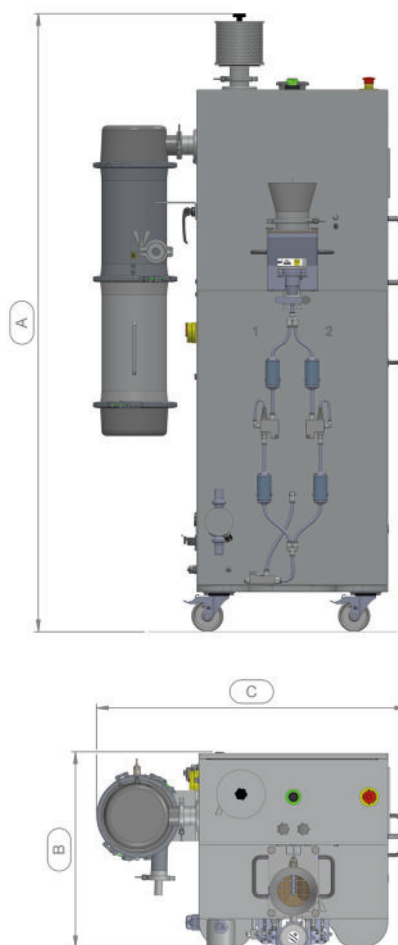


Key benefits :

- Accurate spray rate thanks to high precision feeder
- Consistent amount of lubricant sprayed thanks to the flow sensor
- Quantity of lubricant sprayed on tablets below 0,1%
- Back up line to support continuous manufacturing process
- High under pressure vacuum integrated to prevent lubricant recirculation
- Retrofittable to all existing tablet presses
- Available for single and double sided tablet press
- Fast & easy dismantling and cleaning
- Complete Audit trail CFR 21 part 11 compliant

Technical Data	iSpray
Total Height (A)	1938 mm*
Floor Dimensions (BxC)	600 mm x 620 mm
Packaging	Wooden Box
Netto weight	300 Kg *
Brutto weight	325 Kg
Tablet size	1-28 mm
Spraying range	1,5-15 g/min
Requested Compressed Air	450 - 600 l/min - Min. 6 bar
Compressed Air connection	KS4
Noise Level	<80 dB (A)
Power Supply	110 V / 230 V $\pm$ 10 %
Frequency	50 Hz / 60 Hz
Contact Parts Finishing	Ra $\leq$ 0,8 μ m
Frame Parts	Stainless steel 304
Frame Finishing	Brushed 320
Frame mounted on wheels	Yes
IQ-OQ Protocol	Available
Material Certificates	Available
Back-up line available	Yes
Cfr 21 Part 11 available	Yes
Underpressure control	Yes
Flow sensor	Yes
Hepa Filter	Standard
Available Options :	
Containment Level	DT
Vacuum Valve	For emptying without production stop
Dispensing System	For closed container refill

* Depending on options



Dust tight dispensing system



Easily retrofittable to all tablet presses



Back-up line secured by a continuous pressure monitoring



Unique & compact spraying design

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