Gansons

Better Solutions Since 1947



The GansCoater®

Knowledge • Execution • Support

Gansons

About Gansons

Founded in 1947, we are one of the world's oldest family-owned process equipment manufacturers. Through the course of our history, we have been at the forefront of industrial innovation. Today, over two billion person-hours of experience shape and refine every Gansons machine and service.

Gansons, an ISO 9001:2015 certified company, has multiple facilities across India with headquarters in Thane (near Mumbai). We have manufacturing facilities in Thane and two in Nashik with a combined floor space of over 150,000 square feet.

To drive product innovation, we maintain our own Research and Development facility in Thane. This facility is supported by close relationships with leading academic institutions.

We have a global network of agents to support our clients from over 30 countries. Our commitment to excellence is built on our values of Passion, Perseverance and Perfection.

To quote one of our clients, "When you buy Gansons, you buy peace of mind."

Customer Support

At Gansons, we recognize that our clients need to maximize their ROI over the entire lifecycle of ownership. For our clients, machine downtime is not acceptable. To support them, we maintain a dedicated team of 20 service engineers.

Technical Support and Repair

Live and immediate technical support is available using all major communication tools. Local service engineers are available in selected locations.

Standard on-site response time:

- India: 24 hours*
- Globally: 72 hours*

Installation and commissioning supervision is done by a single person for a seamless experience.

All our vendors are contractually required to adhere to the same service standards.

Value Added Services

We offer our clients value-added services so that they can run their machines with the highest efficiency over time.

- Operator training programs
- Process optimization and validation
- Annual maintenance contract
- Machine upgrade consultations

**Terms & condition apply*



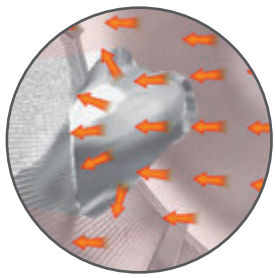
The GansCoater® is the world's leading tablet coating system—designed, manufactured and supported to deliver results of the highest quality, efficiency and reliability.

With over 1,200 current installations, ***The GansCoater***® is trusted by leading pharmaceutical manufacturers for critical applications in plants stringently regulated by the world's leading authorities.

You can count on ***The GansCoater***® to perform reliably and consistently—delivering the highest ROI and the industry's most outstanding value over time.

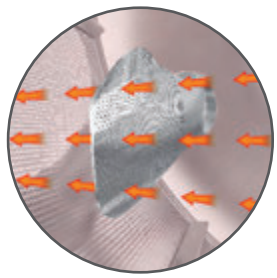
Aeroflo™ Baffles (Patented)

Optimum Mixing Performance
Higher Drying Efficiency
Reduced Spray Bounce-Back



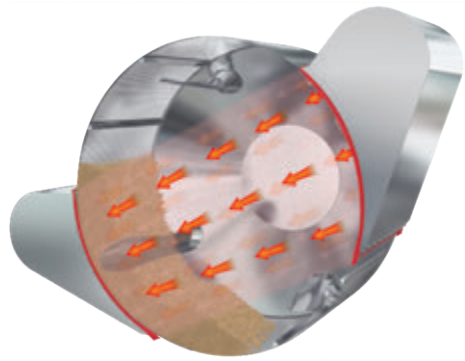
Standard Solid Baffles

Standard Solid Baffles block the air, thus reducing drying efficiency and increasing spray bounce-back.



Aeroflo™ (Patented) Baffles

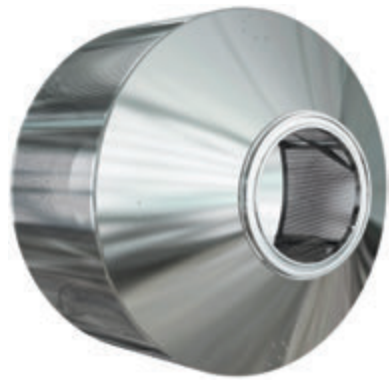
The perforated Aeroflo™ (patented) baffles increase drying efficiency while reducing spray bounce-back.
They eliminate dead zones while reducing coating suspension wastage.



The Indian Institute of Technology (Mumbai) confirms that the Gansons Baffle design offers the best mixing efficiency while preventing tablet slippage.

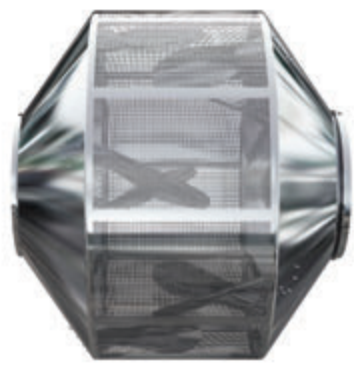
Coating Drum

Increased Drying Efficiency
Easier to Clean and Validate



The GansCoater® has the industry's only coating drum with manually countersunk perforations. This increases drying efficiency and makes cleaning and validation easier.

Low R_a value
Reduced Tablet Abrasion



The super-polished coating drum significantly reduces tablet abrasion due to its extremely low R_a value. This helps achieve better coating dynamics.

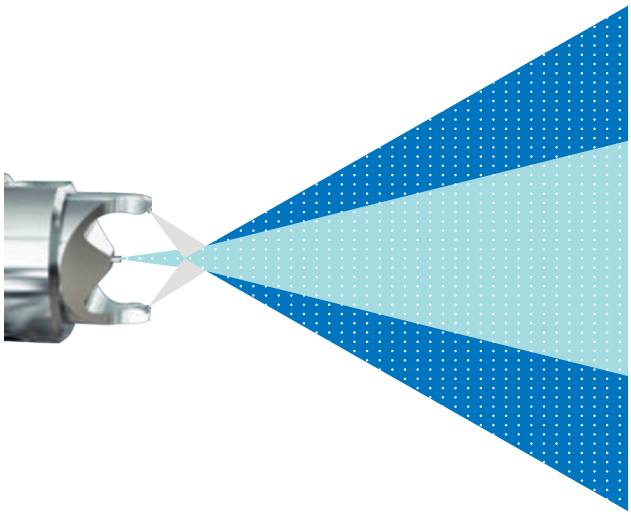
Interchangeable Drum
Greater Flexibility

The interchangeable drum of ***The GansCoater®*** can be changed by a single operator in less than 5 minutes.

GHPN III

Evolutionary Design
Revolutionary Performance





Best Coating Quality

Widest spray coverage with small uniform droplet size.

Best Anti-Bearding Performance

Reduced surface area around the fan jet prevents fine droplets from collecting for significantly less bearding.

Lowest Maintenance Downtime

Spray operations run up to 10 times longer with minimal nozzle build-up.

Less Time, Less Compressed Air, Less Suspension
Significant Savings

Aqueous Coating

	GHPN III	GHPN II (RAU)		German 'Hornless' Nozzle	
Process Time	**30 minutes**	33 minutes	+10%	47 minutes	**+57%**
Pattern Air Pressure	**2.0 bar**	3.0 bar	+50%	3.0 bar	**+50%**
Coating Suspension Used	**751 grams**	840 grams	+12%	945 grams	**+26%**

Hydroalcoholic Coating

	GHPN III	GHPN II (RAU)		German 'Hornless' Nozzle	
Process Time	**45 minutes**	50 minutes	+11%	60 minutes	**+33%**
Pattern Air Pressure	**1.0 bar**	2.0 bar	+100%	3.0 bar	**+300%**
Coating Suspension Used	**2,500 grams**	3,000 grams	+20%	3,430 grams	**+37%**

Based on trial results conducted. Please request white paper for further details.
Your results may vary under different conditions.

No Elastomeric Parts
cGMP Compliant, Lowest Maintenance Costs



Meticulously Designed and Built
For Quality

Cleaning Convenience:
cGMP Compliant

WIP arrangement

Absolutely no sharp edges and corners

Easy access to the drum

100% visual inspection

Energy Consumption:
Savings

Air handling saves energy with optional heat recovery-recycling loops

Thermo-acoustic efficiency maximized through standard double walled main unit and AHU

Drying efficiency maximized by guiding air through tablet bed using directional plenum

Electronic Records Management:
Regulatory Risk Mitigation

21 CFR part 11 and Gamp 5 compliant IPC systems (optional)

Recipe management

Remote monitoring and control (optional)

User friendly interface:
Learning made easy

Easy of operation due to simplified HMI.

Design Control and Capabilities:
Operational Excellence

Detailed analysis and risk management

In-depth CAPA process

Detailed and dedicated attention towards ASHRAE and ASME guidelines

Coating Uniformity:
RSD Less than 3%

A study conducted in collaboration with IIT, Mumbai concludes that the relative standard deviation for lot to lot of a batch is less than 3%*



**Based on trial results conducted. Please request white paper for further details. Your results may vary under different conditions.*

Certifications

Automatic Charging and Discharging of Tablets: Ease of operation

IR Sensor: Accurate tablet bed temperature control

Inflatable Gaskets: Seals off the process chamber

Swivel Arm: Ease of operation

Sugar Coating Attachment: Flexibility

MHMD Pump: Uniform spray rate from all nozzles



The GansCoater® operates in Internationally Regulated Plants

Gansons

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