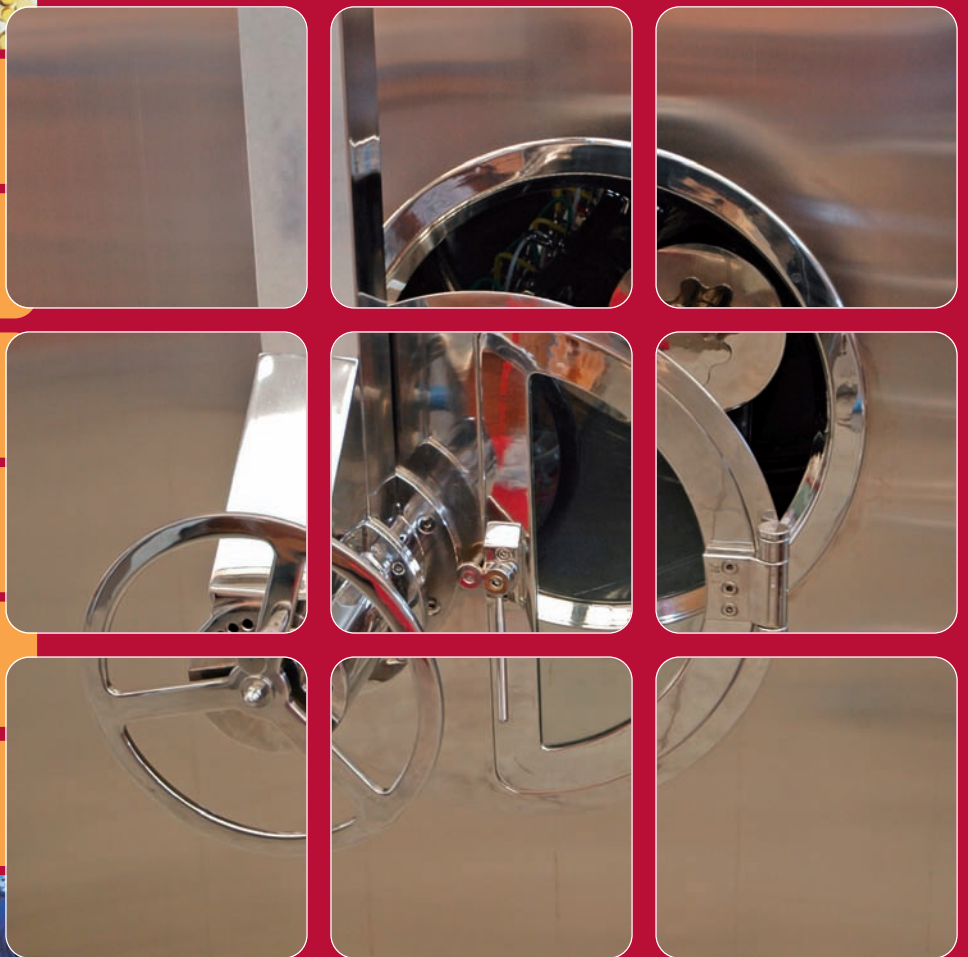


**TURN-KEY SOLUTIONS
FOR COATING PROCESSES**

PSC PERFORATED SUPERCOATER



N I C O M A C



ergonomic and easy handling by the operator.

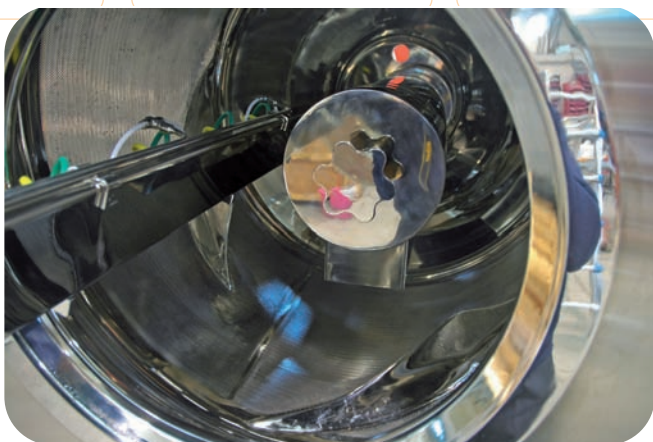
• **VERSATILITY**

SuperCoater is capable of high performance for both aqueous and organic film coating of tablets and sugar coating processes. With the PSC Perforated SuperCoater, you will be able to coat tablets more efficiently, reducing utility consumptions when compared to all other systems in the market.

• **DRYING SYSTEM**

Nicomac **patented Blow Master highly efficient drying system** forces 100% of the tightly controlled process air through the product bed itself for unbeatable performance. Air dispersion through the perforations not covered by the tablets is completely eliminated. A piston automatically driven by a motor placed in the back side of the coating pan, allows to adjust the **patented BLOW**

MASTER air direction through the tablets bed to have the best performance relative to the product, batch quantity and process phase. This allows to always have the best performance during any condition, even with 20% of the batch capacity. Drum depth has been increased reducing the core bed height, avoiding any possible damage to the tablets.



The Perforated SuperCoater (PSC) combines a unique design with unmatched coating performance and versatility for today's ever-evolving processing field. Nicomac perforated drum system is based on a high innovative concept design advancing the coating process in a new era. A perfectly tight body is designed and manufactured to assure the full containment. Automatic and adjustable sliding arm for guns with unique design allows an



Supercoater 400



• **SHARK FIN BAFFLES**

Nicomac unique design "3D Shark Fin Baffles" combines higher mixing efficiency with gentler product handling for perfect coating uniformity, thus reducing overall process time .

• **MICROLAC CONTROL SYSTEM**

For many years Nicomac has developed a user-friendly control system for excellent process repeatability, for flawless data acquisition and storage, 49 automatic recipes with up to 99 discrete phases, 21 CFR Part 11 compliant.

• SPRAYING SYSTEM

Nicomac primary process control is based on closed loop control of temperature and relative humidity of the air exiting the core bed. No clogging guns are placed in automatic driven sliding arm with EASYMOVE device able to dismantle the guns without any tools. The spraying angle can be easily adjusted from the outside. The increased depth of the drum combined with unique Nicomac baffle design allows to have the best spraying uniformity.



• CAPACITY

Nicomac can custom fit any application according to customer's requirements.

MOD. SUPERCOATER	USEFUL CAPACITY (Liters)	MIN. LOADING ADVISED (Litres)
LAB 40	36	12
PSC 150	142	30
PSC 300	293	45
PSC 400	391	65
PSC 600	595	133

• CLEANING

A fast and effective WIP-CIP cycle and cleanliness inspections



are easily achieved. Several spray nozzles are located inside and outside the coating pan, allowing maximum flow rates over the entire pan surface. An easy dismantable container, below the drum, collects the washing water thus improving the cleaning process.

• AUTOMATIC DISCHARGE SYSTEM

Nicomac has designed a more simple and efficient unloading system for finished products. The process is fast, effortless, requires no human contact with the coated product and avoids the use of valves or hinged systems that can easily damage the tablets and can cause cross contamination.

• QUALIFICATION AND VALIDATION SERVICE

DQ (Design Qualification), IQ (Installation Qualification), OQ (Operational Qualification), SQ (Software Qualification), calibration and documentation are available for a complete validation service.



• CUSTOMER SERVICE

Nicomac lab is 250m² of clean room department Class ISO8 approved by Italian health authorities. Nicomac qualified, experienced coating specialists are available to supply process training service on-site or in-house trials, research, development, formulation optimization in small scale production batch from 5 kg up to 300 kg production scale.

• AFTER SALE SERVICE

NICOMAC provides spare parts and service for the entire equipment line and can dispatch service engineers as needed in very short time. Nicomac keeps a technical support hotline and is available

for "on site" or "on line" technical assistance in the usual prompt Nicomac way.



QUALITY IS OUR DAILY GOAL!

Nicomac si riserva il diritto di modificare i dati tecnici qui presenti. I dati presenti in questo catalogo non sono vincolanti. Nicomac reserves the right to change the submitted technical data. Data in this catalogue are not binding.



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