



PROCESS HANDLING DESIGN

INTRODUCTION

A CHOICE OF QUALITY

Passion, qualified expertise and professional staff have led Nicomac Europe to complete over 1500 successful installations in 60 countries worldwide. Along its 40 years of activities, Nicomac Europe has served among the most innovative companies in the pharmaceutical, electronics, nutraceutical and food business industries, of all sizes.

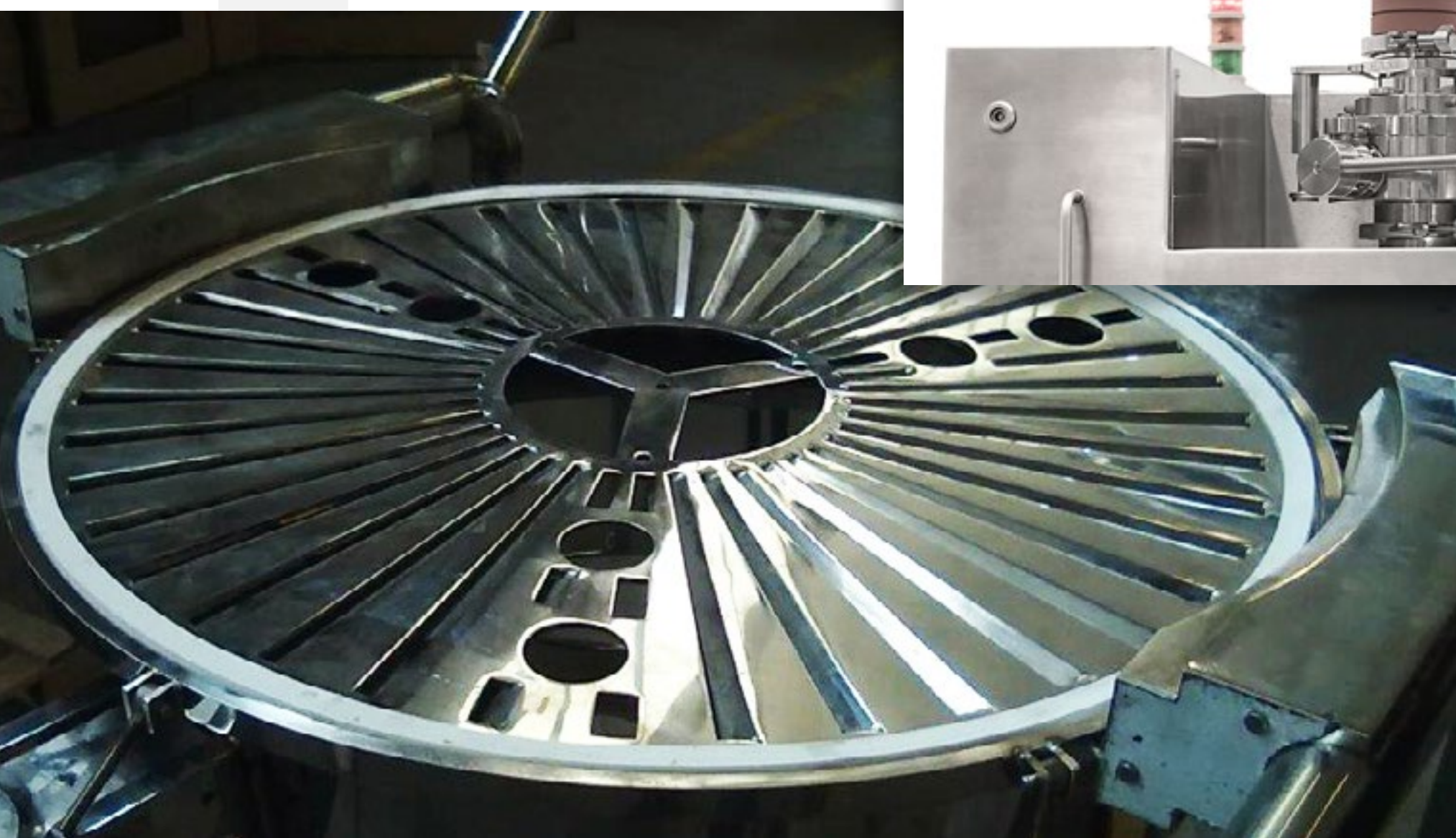
4.500_{m²}
of production site

1.800+
successfull projects

65
Countries served

40+
years of experience





INTRODUCTION

DEVOTED TO THE BEST

We never settle. We always aim for innovation, strength and safety. Our detailed attention through BIM design ensures the highest precision and dynamism.

With more than 40 years of experience in the industry, us at Nicomac Europe can always provide the best solution for a wide range of needs. We can supply and install all the equipment required in a solid dosage form department in an integrated, high quality granulation line, assuming all the responsibility.



INTRO

FLUID BED DRYER

The Fluid Bed Dryer granulator is a bed of granules with a stream of air passing through particle at a speed high enough to fluidize the product. Its innovative design, performances and processing times know no equal in the industry.



Technology

FBD comes in a wide range of models built with the best materials and granting unmatched granulation performances that made it achieve worldwide success.



Cleanliness

Filter cartridges retain the product and are cleaned by compressed air without fluidization interruption and the WIP/ CIP system ensures a truly validated washing process.



Integration

The system is designed to be fully integrated with the best and most suited equipment, such as tablet presses, blenders, pneumatic conveying and coaters.

FEATURES

THE TWISTER SYSTEM®

The foundation of FBD's success: its winning key is an accurate control of the tangential air flow, blown at the exact speed to minimize the pressure drop in the fluid bed to ensure a uniform process that prevents bottom settlements, low pressure drops and wrong product agglomeration, reducing process times.

Its structure is made by a welded slot at a preset slope able to move the air in a controlled turbulence motion through the product bed and an easily removable net on the top that guarantees an absence of particles settled down in the air distribution container.

SWC is the coating machine with the highest capacity on the market



Blow Master® System



FEATURES

FACIM SYSTEM

The Flexible Automation Computer Integrated Management (FACIM) is a closed loop feedback system where process manufacturing phases are integrated, rationalized and coordinated, improving quality, repeatability and flexibility with reduced flow time.



- 100 automatic recipes
- Touch Screen Display
- CFR Part 21 compliance
- RS 232
- Communication port

contact us



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Cleanrooms, coating equipment and granulating machinery
Nicomac Certified Quality