











9 patented systems

new devices and

novelties

15

4.500m² of productive site

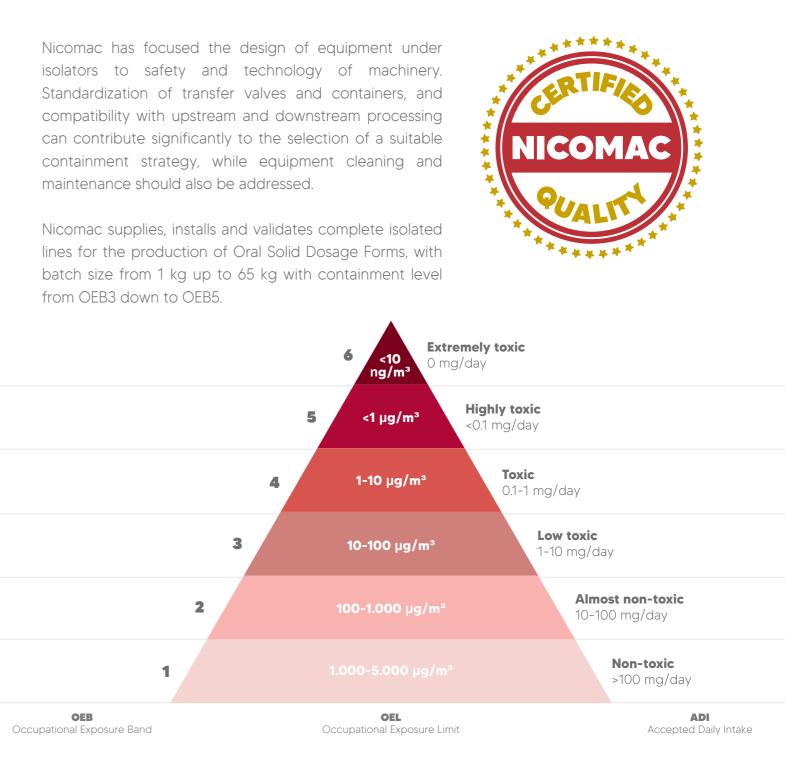
1.800+ successful projects

65 Countries served

45 years of experience Nicomac is one of the leading companies in the international clean room and equipment for oral solid departments. Founded in 1977 in Milan, Italy, in over half a century successfully realized over 1800 projects in 65 Countries in the world, supplying clean rooms, coating systems and granulators that can also be under isolator.

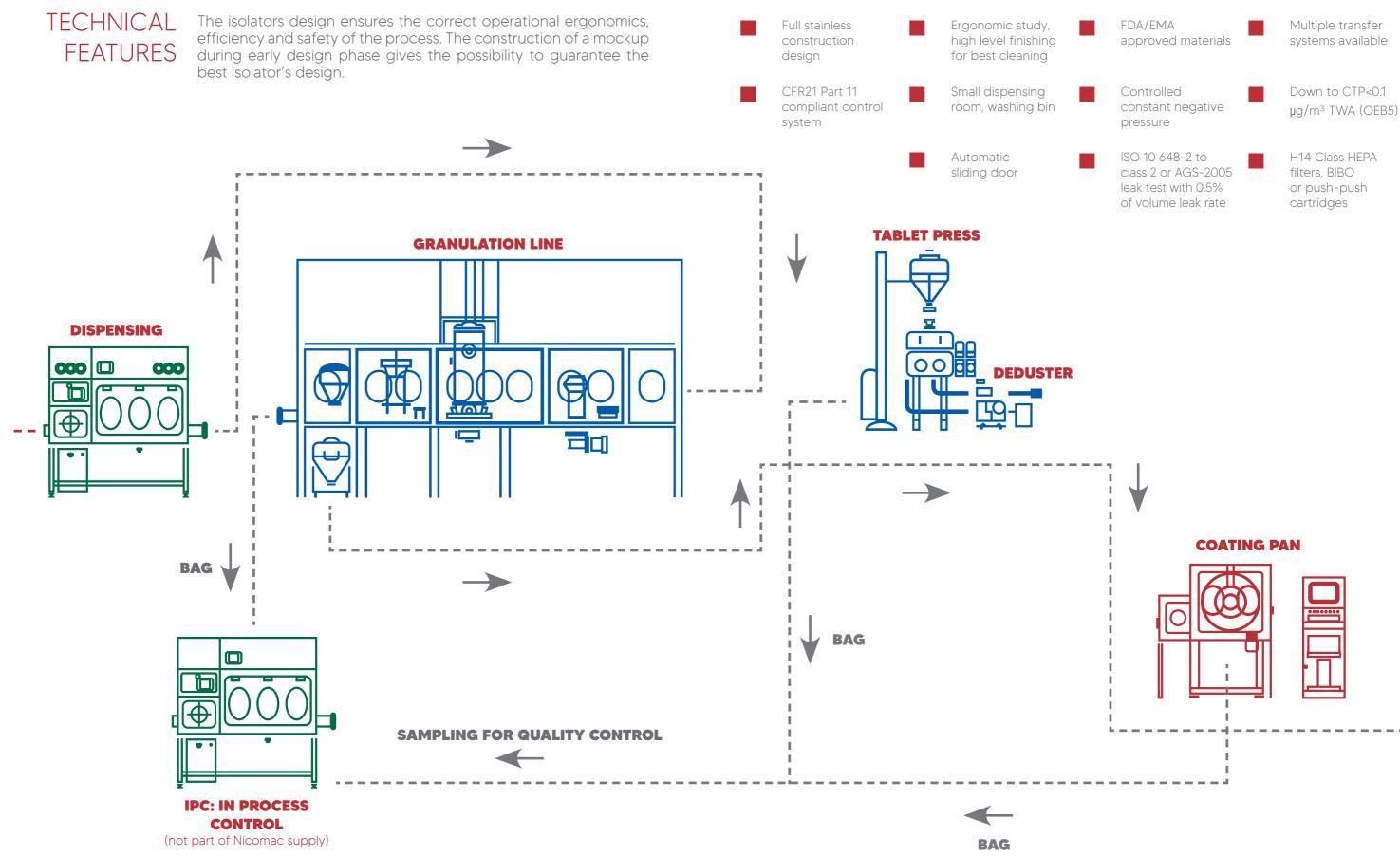
The excellence in quality and products, along with the support of an expert and qualified team, are the foundation of the results obtained by Nicomac and the satisfaction of its clients, many of them FDA/EMA approved.

HIGH POTENT ISOLATOR DESIGN, FUNCTIONALITY & SAFETY





HP - FULLY CONTAINED LINES FOR OSD FORMS







Dedicated isolator units are required for preliminary and verification activities in the OSD forms manufacturing. Dispensing isolator allows proper weighting of HPAPI with excipients according to required formulation.

IPC isolator hosts the necessary instrumentations for in process testing according to quality control program. Sampling devices ensure the possibility to extract product samples as process needs.

DISPENSING QC-SAMPLING

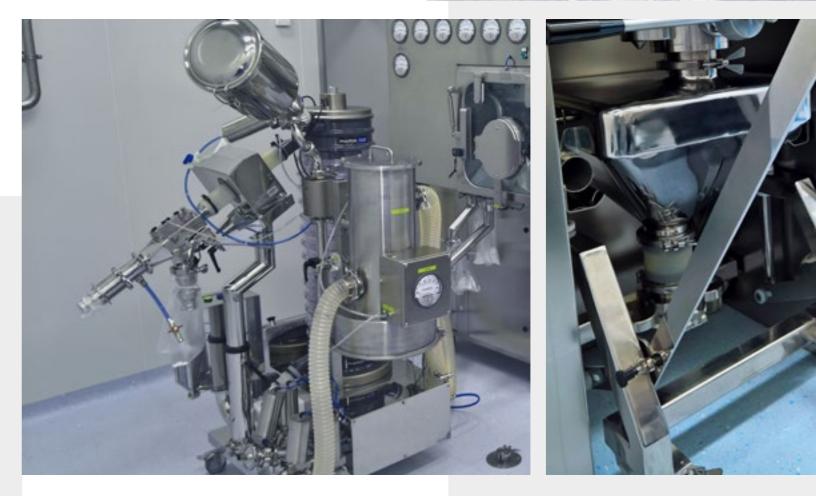
WASHING SYSTEM (BIN & COMPONENTS)

For cleaning purposes, decision should be made regarding whether in place cleaning is implemented or not, which cleaning materials will be used and the type for cleaning methodes that will be employed. While clean-in-place methods rely on automatic procedures, which requires no manual intervention, wash-in-place techniques necessitate some manual involvment. Ergonomics is yet another factor to be considered: accessibility, availability to make necessary equipment adjustments, and the ease of equipment cleaning.













HP - FULLY CONTAINED LINES FOR OSD FORMS

GRANULATION LINES

Compact granulation line in a single isolator: with automatic sliding doors, built-in lights and rails for container handling.

All the machines have technical part outside the isolator chamber, for an easier maintenance and better cleaning.

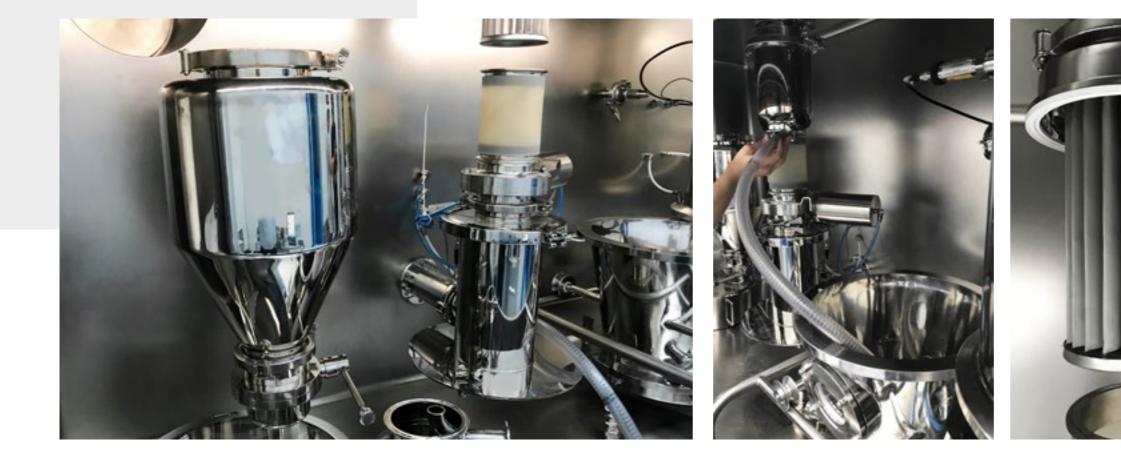




GRANULATION LINE FEATURES:





















COATING EQUIPMENT

Nicomac SWC type coating machines are designed to be easily integrated with a containment system for safe loading and unloading of tablets. The design ensures full integration with control system, semi-automatic operations and easy washing procedure. The exhaust fan of the coating machine is also used to create the negative pressure of the isolator.



CAPSULE FILLING MACHINE

Capsule filling machine requires special containment due to its particular operation. The isolator is typically a "hat" on the machine basement and the control systems is fully integrated. Capsules discharge line depends on machine productivity and direct exit toward deduster and metal checker are suggested.





TABLET PRESS Tablet press turret is fully enclosed in an isolator chamber designed on top of the machine. Utilities of the tablet press are also HEPA filtered and their control is integrated in the isolator pressure control system. WIP is available assuring full product removal.



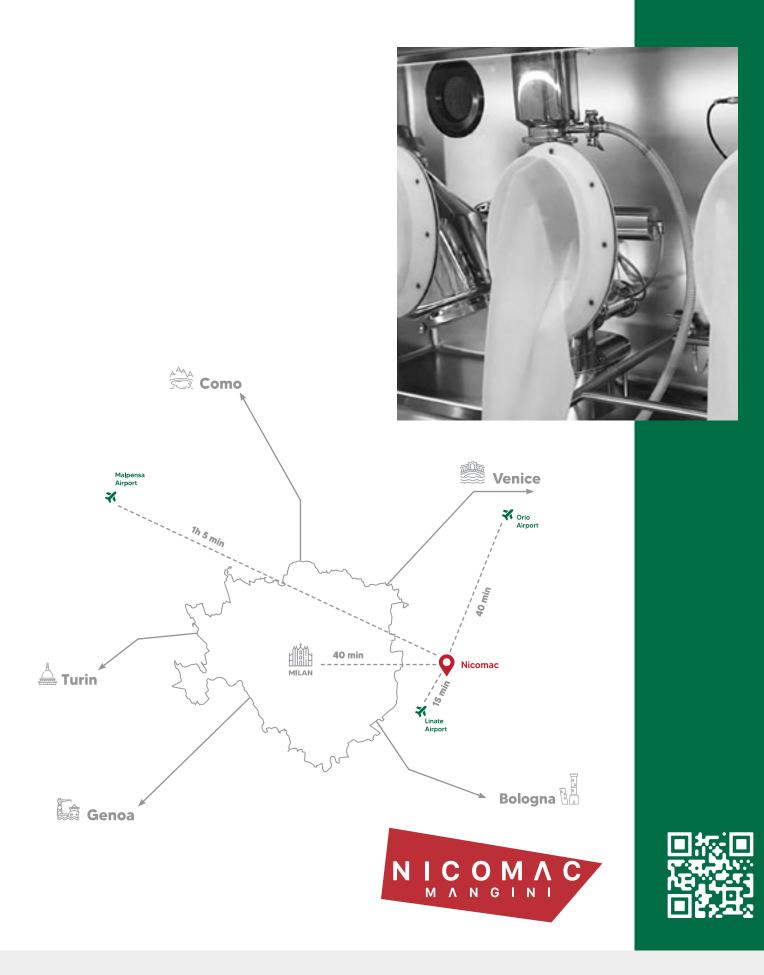
TRANSFER SYSTEMS

Attention to detail is of importance for successful transfer technology. At the heart of every sucessful program is a well-executed material transfer technology and the key to successfully commercialize high-potency and high performance drugs with contractmanufacturing partners.









GET IN TOUCH