



MIX S.r.l.

MIXING SYSTEMS AND
COMPONENTS FOR PLANTS

www.mixitaly.com

Laboratory

MIX EXPERIENCE LAB

Tailor made process technology

Made in Italy



CONDENSER LINE

VACUUM FILTER

REACTOR mod. R-MXK0150

LABORATORY MIXER mod. N-MXC0030

Processed products

PROCESSING WITH INNOVATION AND EXPERIENCE

MIX is able to support its partners during the whole design phase of the mixer, carrying out specific tests at its own laboratory.

A photograph of a complex industrial testing facility. The machinery is primarily made of stainless steel and is mounted on a red floor. It includes a large central mixer with a blue motor, a condense collection tank, and a large horizontal shaft with a circular end component. A set of stairs is visible on the right side of the machine. The background shows a clean, white tiled wall and various pipes and conduits.

COMPANY CERTIFICATION SYSTEM
ISO 9001 - ISO 14001 - ISO 45001

Enrolment at the
Italian Department for National Research
502811WU

EXTRACTASHAFT mod. N-MXC0150

CONDENSE COLLECTION TANK

MIX firmly believes in the importance of research, development and innovation. Recently MIX enhanced its internal Testing Facility with brand new machineries and is now able to execute trials with harder parameters. The handling of chemical reactions and physical variations, the measurement of moisture content of the products and the increase or decrease of pressure and temperature in the mixer is now fully automated.

REACTOR mod. R-MXK0150

Reactor/Dryer suitable for batch process, carried out in pressure or in vacuum, with the possibility of modify the temperature of the mixing chamber.

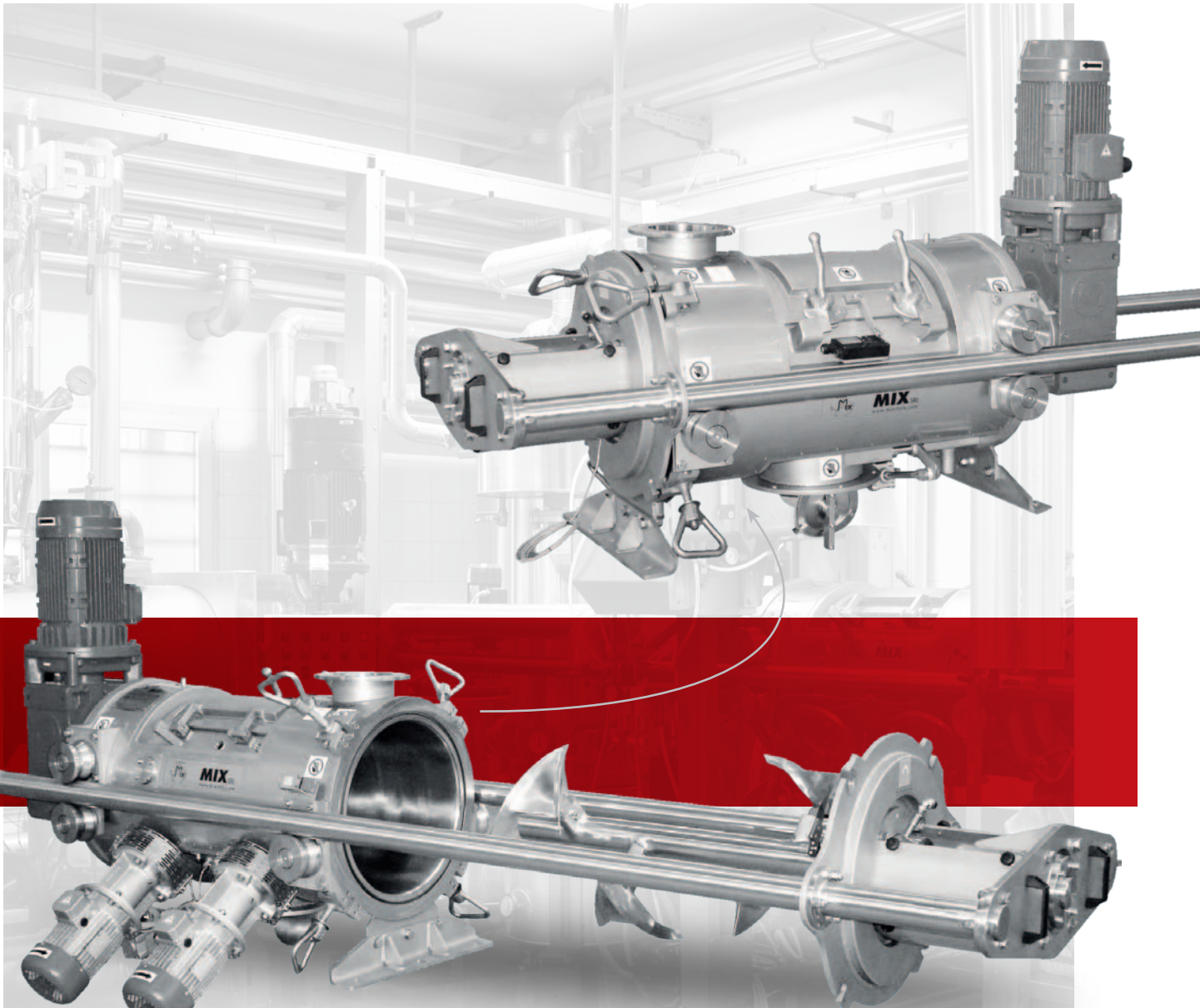
- minimum batch 20 liters
- maximum batch 125 liters
- heat exchanger, working range + 2° C / + 170° C
- liquid injection system with peristaltic pump
- n° 2 choppers
- inverter for speed variation
- working pressure: + 5bar / 30mbar abs
- self-cleaning filter with sintered metal candels
- condenser
- vacuum pump



EXTRACTASHAFT mod. N-MXC0150

Mixer suitable for batch process in atmospheric pressure for mixing: powders with powders or powders with liquid or granules. Mixer equipped with pull-out shaft; easy fast transition from ploughshares to paddles or ribbon.

- minimum batch 20 liters
- maximum batch 125 liters
- heat exchanger, working range + 2° C / + 170° C
- liquid injection system with peristaltic pump / pressure tank
- n° 2 choppers
- inverter for speed variation
- working pressure: atmospheric
- venting outlet conveyed to centralized filter
- easy extraction of the rotor shaft



LABORATORY MIXER mod. N-MXC0030

Mixer suitable for batch process in atmospheric pressure for mixing: powders with powders or powders with liquid or granules.

- minimum batch 5 liters
- maximum batch 20 liters
- heat exchanger, working range + 2° C / + 95° C
- liquid injection system
- n° 1 choppers
- inverter for speed variation
- working pressure: ATM
- easy access through frontal hatch



CONTINUOUS MIXER mod. N-MXH0075

Mixer suitable for continuous process in atmospheric pressure for mixing: powders with powders or powders with liquid or granules. In order to perform trials, it is possible supply the mixer on site (plug-in solution).

- Throughput 3.780 l/h with filling level of the mixing chamber at 50% and dwell time 60"
- heat exchanger, working range + 2° C / + 95° C
- liquid injection system with peristaltic pump
- n° 2 choppers
- inverter for speed variation
- n° 2 screw dosers with hopper
- working pressure: ATM



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*QUALITY
SERVICE
TECHNOLOGY
INNOVATION*



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