



REFRESH, UPGRADE, PERFORM

Tile production line improvements



MOISTURE METER ATOMIZED POWDER

SACMI for enhanced process control and quality

The inclusion of the atomised powder moisture meter allows for continuous monitoring of the moisture content of the atomised product, improving the quality and repeatability of the process.



Process consistency

ADVANTAGES

- Standardisation of measurement
- Possibility of retroactive corrective actions on the process
- Improved quality and repeatability of output
- In Italy, the inclusion of this instrument is required for consumption reporting and white certificate application purposes.

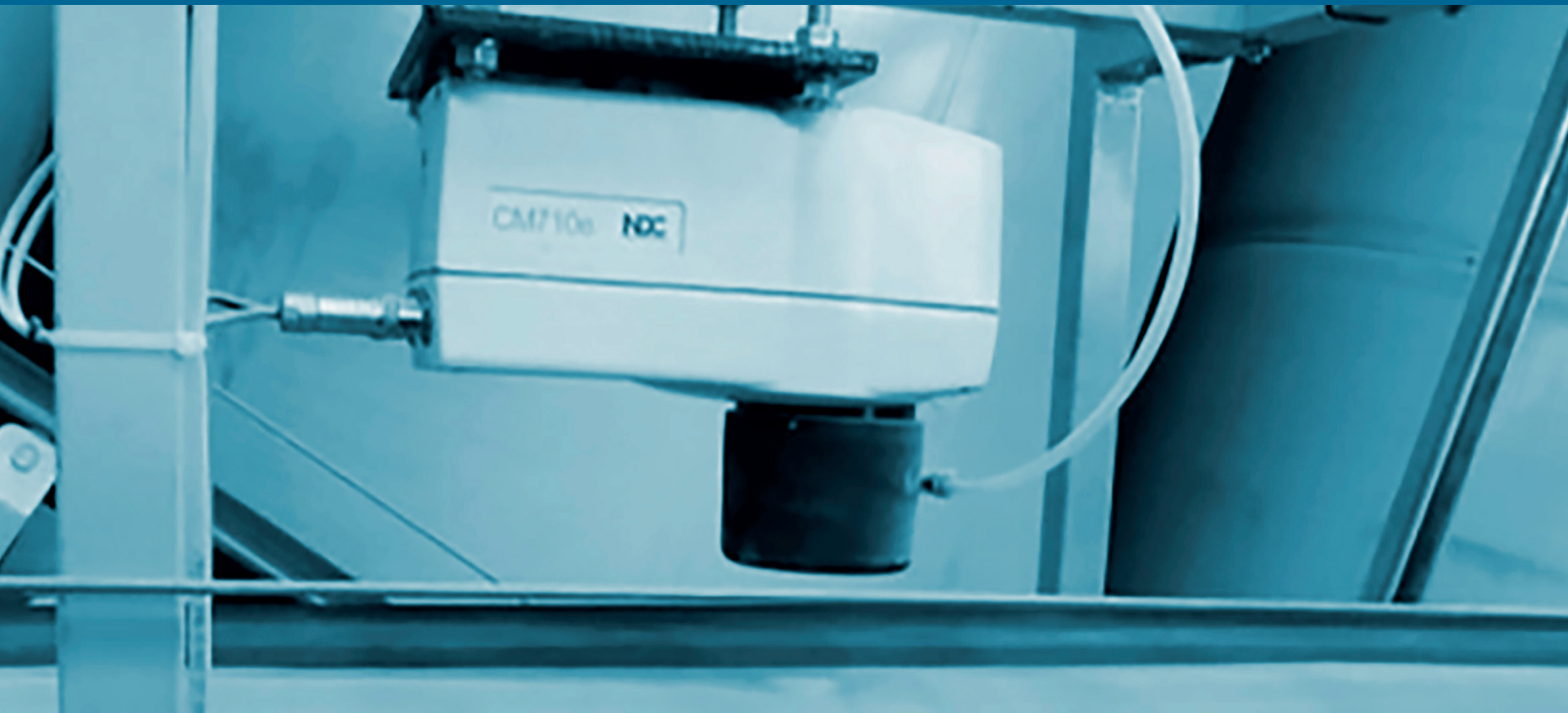
See other revamping solutions
for powder preparation





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MOISTURE METER ATOMIZED POWDER

Technical features

The intervention consists of placing a moisture meter for the atomised powder downstream of the machine.

The instrument - an **infrared sensor** - is positioned, by means of appropriate brackets, in the first or second spray-drying belt at the outlet and allows **continuous monitoring of the moisture content of the atomised product**.

The control replaces - or integrates - manual moisture sampling (a parameter, as we know, influenced by several variables such as density of the exit slips, temperature, pump and sprayer settings, nozzle wear, etc.) **by standardising the measurement and applying of any corrections to the process**.

The meter has its own interface and can be **connected to the supervisor** or directly to the sprayer during installation.

The instrument can be calibrated for correct reading of coloured mixes

The result is an atomised product of better quality and always perfectly repeatable.

