



# REFRESH, UPGRADE, PERFORM

## Tile production line improvements

## SWAP

### SACMI for cost savings

The installation consists of a powder dissolver that treats the powders recovered from dust collector and / or cyclones of the spray-dryer, to generate slip at the desired density value so that it can be reused immediately in the production process.



## YOUR ADVANTAGES

- **HEALTH & SAFETY:** no need to manually collect the powders falling from cyclones and filters with significant reduction in the dispersion of substances in the air.
- **RECOVERY:** the SWAP system achieves an excellent product recovery performance with a consequent very quick payback period.
- **PRODUCTION PROCESS OPTIMIZATION:** automation improves and accelerates the production process, eliminating manual tasks and inconveniences related to the handling of the recovered product. Time usually spent on the handling of the recovered powders may be dedicated to other activities.
- **SAVINGS:** the system has the ability of restoring the desired density therefore allowing re-introducing the powders into the spray-drying cycle without going through the previous processing phases, generating in return significant savings in terms of processing times and energy consumed for processing raw materials.
- **AFTER SALES ASSISTANCE:** the device can be connected to SACMI Customer Service Center for Remote Assistance.



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### Technical features

The dosage between water and powders is set using the dedicated keypad interface. The electrical panel is equipped with a PLC for the various adjustments of the pump motor, the ratio between water and powders and the automation of the system itself. The density is controlled by load cells installed on the system which, if suitably calibrated, continuously measure the weight of the mixture, with the advantage of having continuous density control without direct contact with the material.

