



REFRESH, UPGRADE, PERFORM

Tile production line improvements



INVERTER APPLICATION MAIN FAN

SACMI for energy savings

By eliminating the delivery shutter and inserting the inverter on the main fan motor, you can reduce the power consumption of your sprayer.



Optimized consumption
management

ADVANTAGES

- Energy savings of up to 20%
- Reduction of maintenance requirements
- More accurate adjustment
- Soft starts

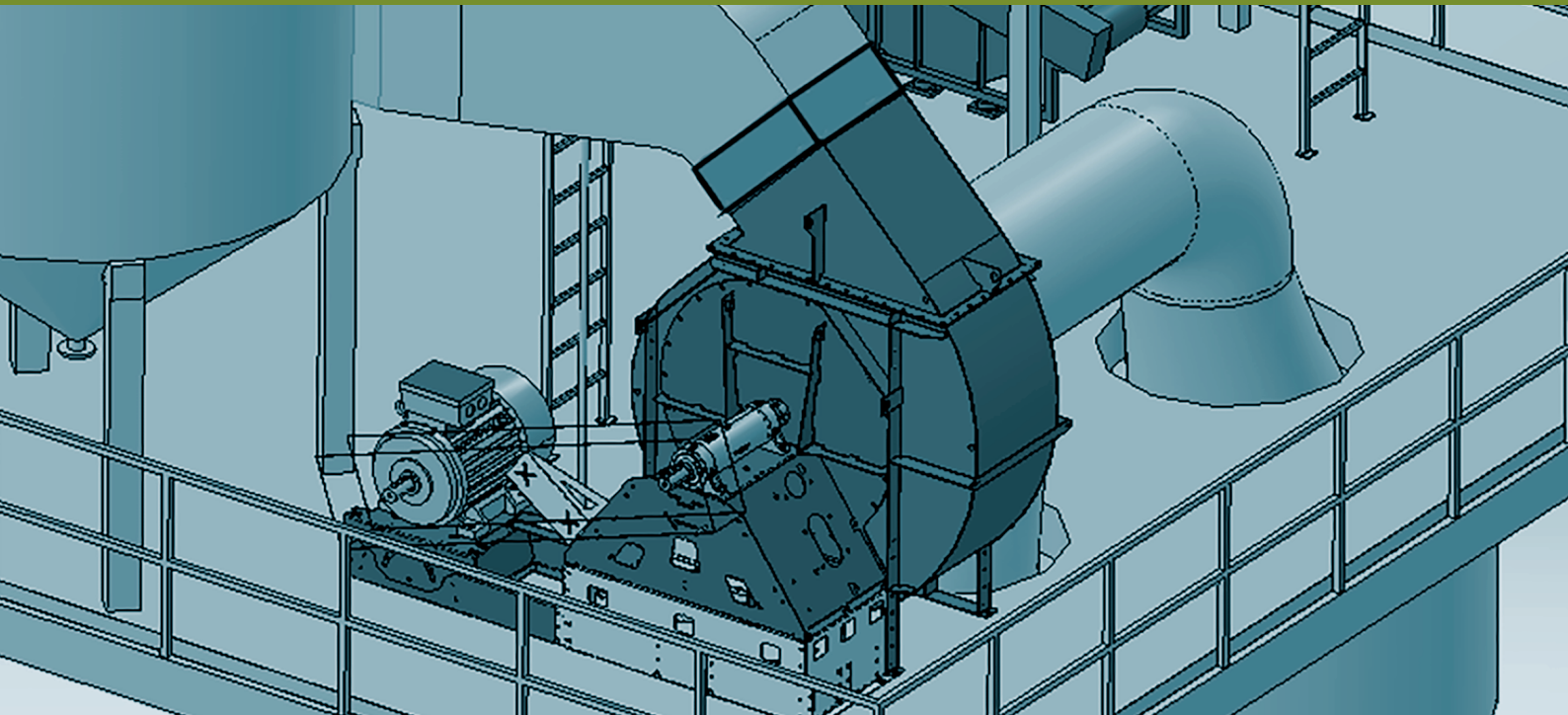
See other revamping solutions
for powder preparation





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Technical features

In a traditional configuration, the shutter serves to regulate the flow rate of incoming air. This wears out over time and needs to be replaced periodically. Furthermore, in this configuration the main fan is always working at full speed, consuming more energy than is actually needed.

This simple operation consists of removing the shutter, replacing it with a “fitting” and inserting the inverter on the main fan motor.

The inverter regulates the required motor speed, which is always in the optimal range.

The intervention can be customised (e.g. keeping the existing motor to the end of its life and optimising its depreciation).

The inclusion of the inverter improves the starting phase of the fan by making it more gradual. In this way we avoid typical problems (especially in large motors) such as belt slippage, high current consumption peaks, and overheating following consecutive start/stops.