



REFRESH, UPGRADE, PERFORM

Kiln improvements

FAST COOLING MANAGEMENT

SACMI for enhanced process control and quality

Modification of Fast Cooling by separating the upper and lower zones and making them independent, with the possibility of further separation into two distinct zones.

All Fast Cooling is controlled automatically via the operator control panel.



Process consistency

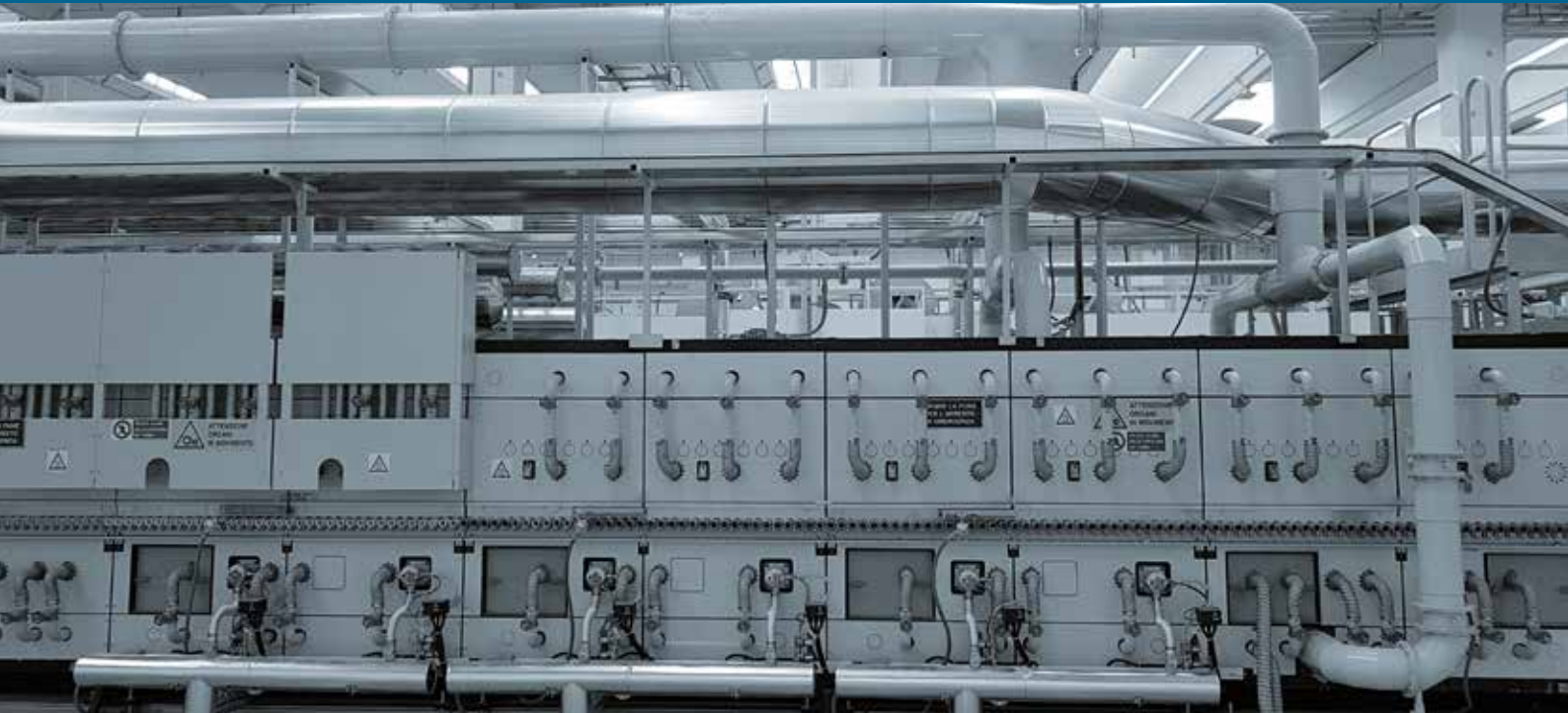
ADVANTAGES

- Complete control of piece planarity
- All parameters are set via recipe
- Volume control if there is a gap in production
- Flow control via fan inverter
- Adjustment flexibility above and below the roller bed



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Technical features

Intervention involves modification of the fast cooling duct by separating the upper and lower circuit; both circuits mount a motorized valve which is controlled via the operator panel.

Further modification to the duct can allow the creation of two separate fast cooling zones. Each zone has a general motorized valve which is controlled by a thermocouple; it also has two motorized valves with position control, one for the upper channel and one for the lower channel. To complete the system an inverter is fitted on the fan and a pressure transducer fitted on the main duct.

All regulators and valves are controlled via the operator panel.

