

Slim Cover Fast

412 / 416 / 418 / 612 / 616 / 618



Airless application system for big sizes.

No. 4 or no. 6 separated transfer bracket.

Anti-vibration carbon fiber components.

Machine interior: anti-drop, anti-adhesion, anti-sedimentation.

Touch-screen control panel, with IP 65 protection, 15" user interface, assisted by PLC.



Control board



Multiaxis format



Vaulted cabin



Uniform application



Carbon fiber bracket

The series of **Slim Cover Fast** represents the complete excellence of glazing line applicative machinery of large slabs.

More precisely the added value of this machine compared to other applicative machines consists of following fundamental and distinctive characteristics:

Superior axes and guns completely independent from each other allow the control of the desired application weight.

The start of the axes is delayed until the moment when the tile is ready to be glazed, in this way it is possible to get a considerable product saving under suspension to be applied.

The possibility of creating multiple trajectories of glaze on surface tile with millimeter accuracy, in order to avoid any rhombus effect: in this way the application crossings are optimized with minimum line speed by achieving significant energy saving.

The possibility of crossing the axes during processing for which is possible to apply on large formats, or slabs, at high speed, exponentially increasing the productive yield.

More precisely, we can apply from a minimum of 40 to a maximum of 1000g per square meter.

Remote control: assistance team of Air Power allows the immediate and total supervision of the machine and the remote assistance besides the possibility of remote machine start-up.

Remote assistance coordinated to minimize re-start times as a result of sudden breakdowns.

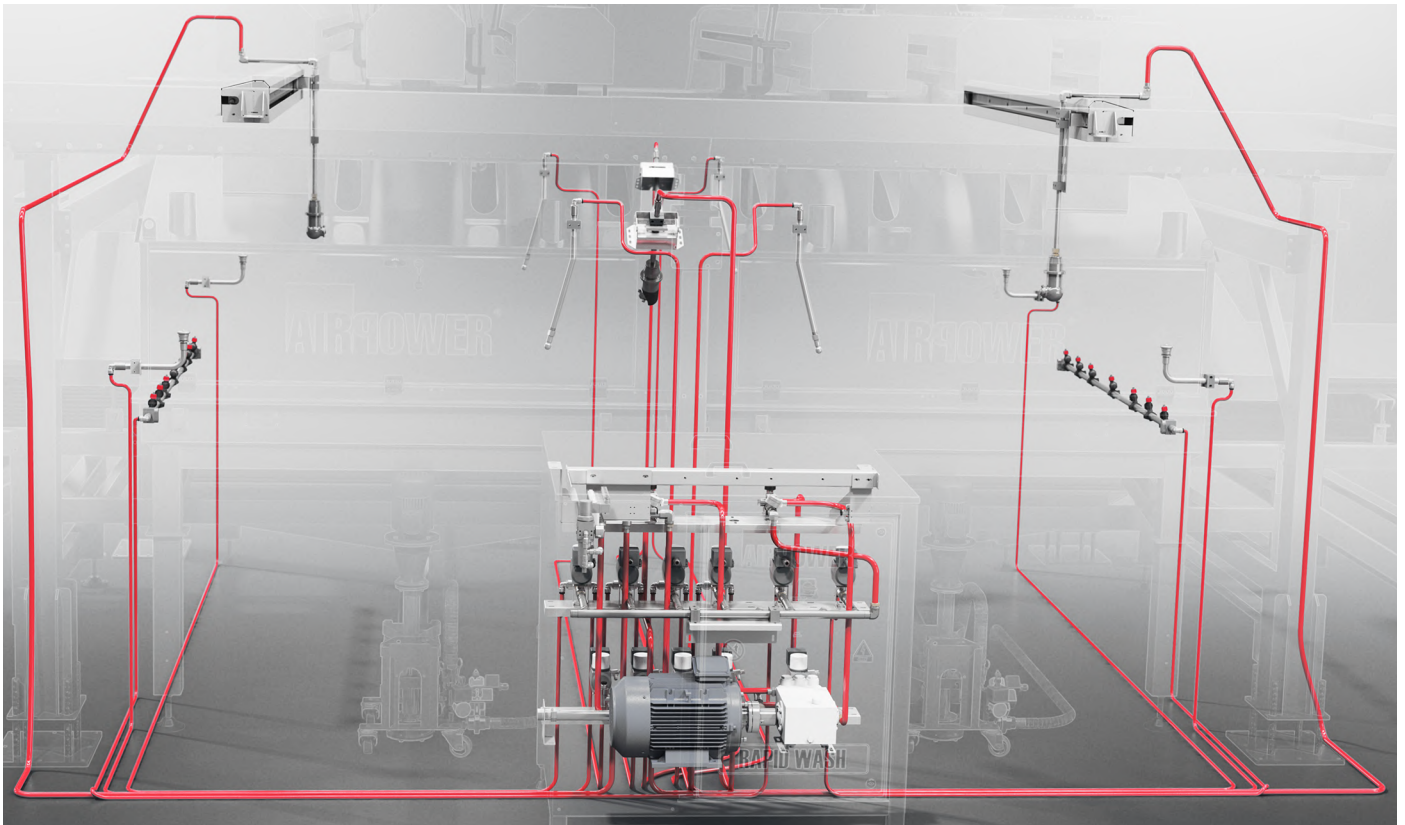
4.0 **CYBER PHYSICAL SYSTEM**

The graphic consists of a red line connecting several points, forming a jagged path that underlines the text "CYBER PHYSICAL SYSTEM".

OFFSET FAST SELECTION Automatic adjustment of axes to obtain best performance.

It reduces drastically the set-up time of the machine by the operator with benefits for productivity, by reducing the risk of mistakes by the operator during the set-up of the machine.

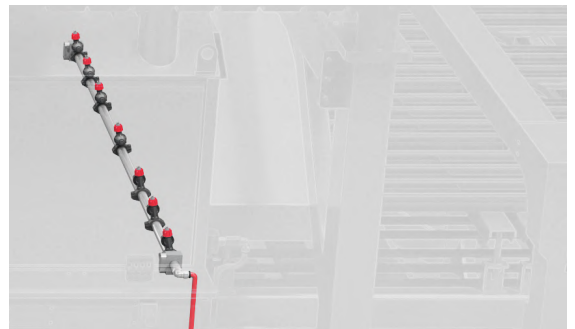
Rapid Wash



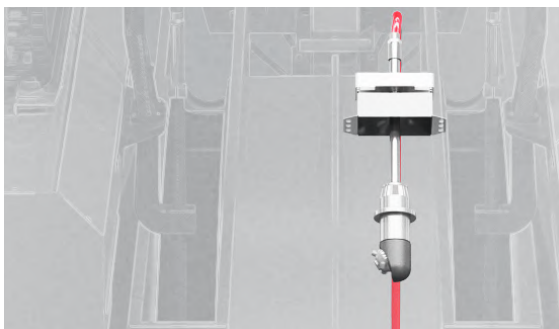
1



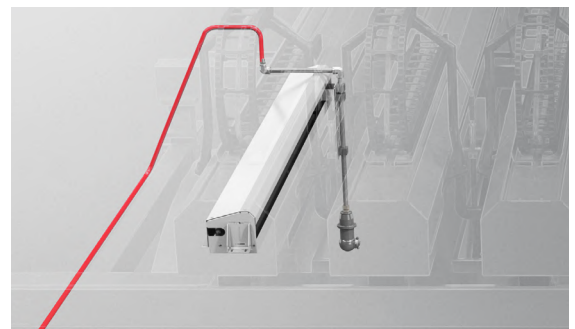
2



3



4



Rapid Wash



The washing cycle can be set in an automatic way during cleaning of digital machine or during downtime, or manually activated by the control panel.

You can choose to set a washing frequency within the work shift.
The washing cycle time is settable.

During the cycle the following actions are completed:

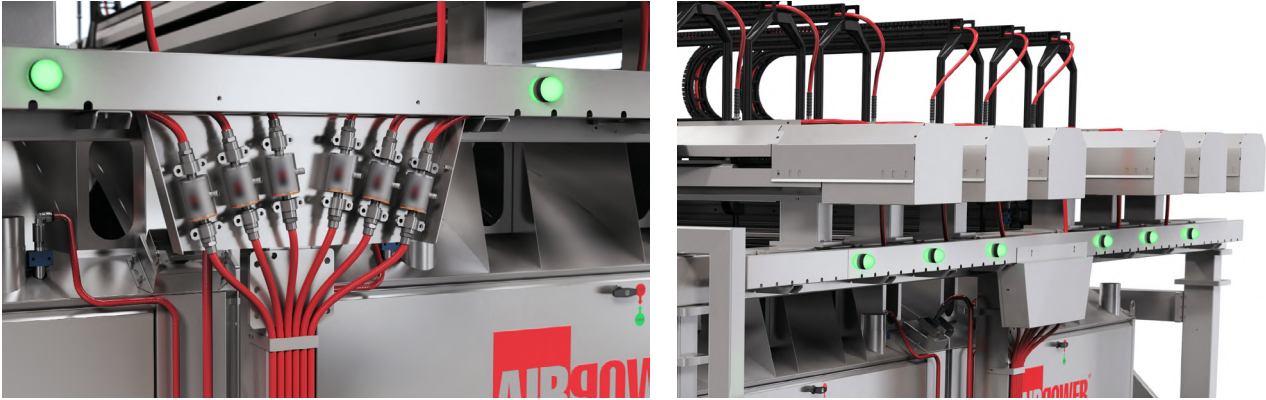
1. PUMP WASHING, TUBES AND NOZZLES, INSIDE BOOTH, SUCTION BOXES, GUTTERS AND BELTS/BELT SCRAPERS
2. AIR INLET UNDER PRESSURE TO EXPEL EXCESS WATER IN THE PIPES
3. AT THE END OF THE CYCLE, THE LINE RE-STARTS THE USUAL PRODUCTION.

SAVING

• water • glazing • time

INCREASE IN PRODUCTIVITY

- 1 SUCTION BOXES WASHING THROUGH LOW PRESSURE NOZZLES.
- 2 GUTTERS WASHING AND BELTS/BELT SCRAPERS.
- 3 BOOTH WASHING THROUGH ROTATING HIGH PRESSURE HEADS (FIXED).
- 4 BOOTH WASHING THROUGH ROTATING HIGH PRESSURE HEADS (MOVABLE ON RAILS).



AUTOMATIC FLOW RATE CONTROL, ON SINGLE AIRLESS NOZZLE.

FLOW RATE CONTROL

- Elimination of the instability of the flow for each nozzle
- Elimination of any weight errors
- Preset optimal usage thresholds

WEAR CONTROL

- Check for wear and report partial or total occlusion on each nozzle
- Possibility of stopping the line and consequent elimination of product waste

PREVENTIVE MAINTENANCE

- Raw materials consumption analysis
- Prior notice at the operator for nozzle replacement (countdown 30/15/5 minutes before)



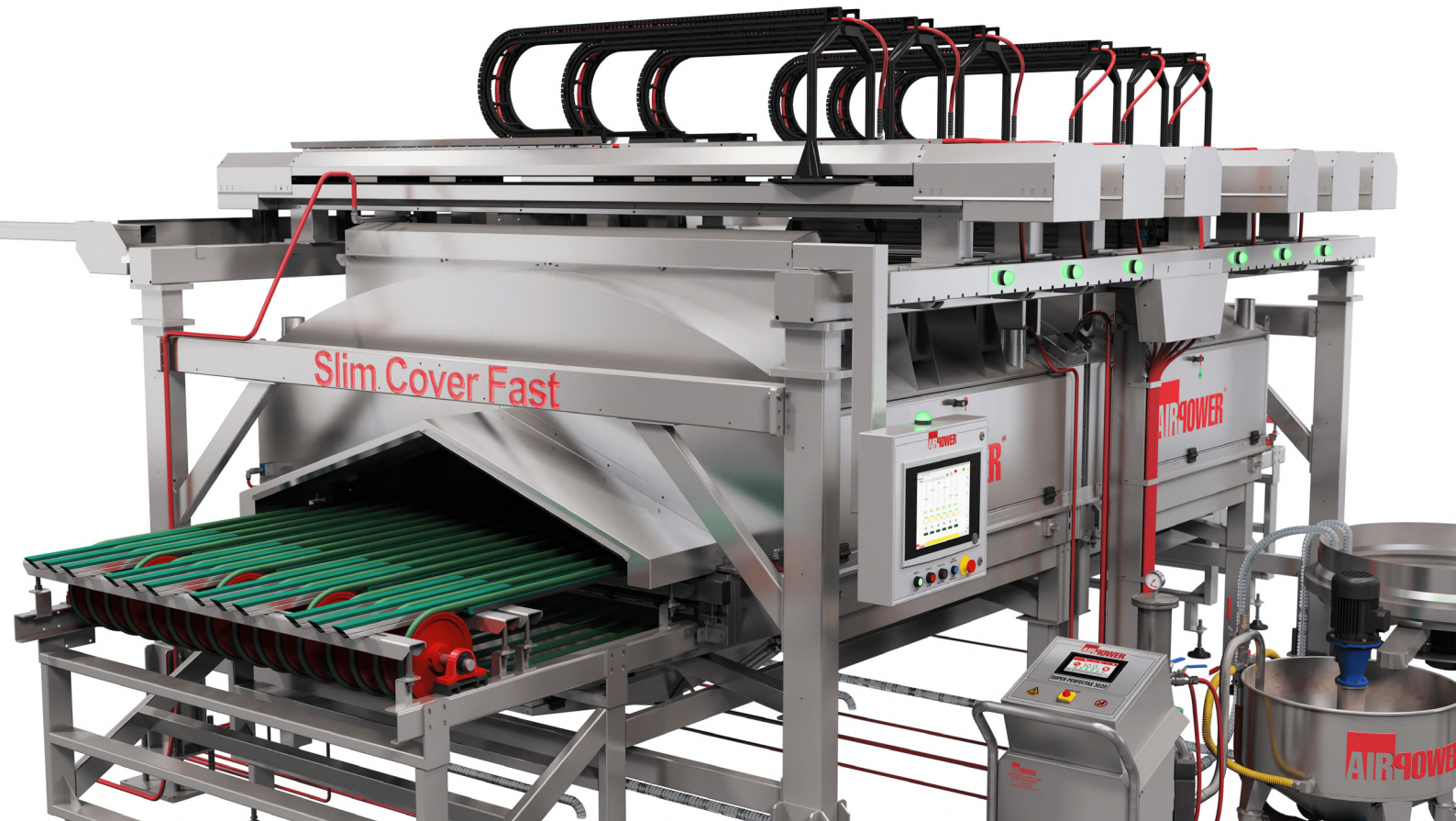
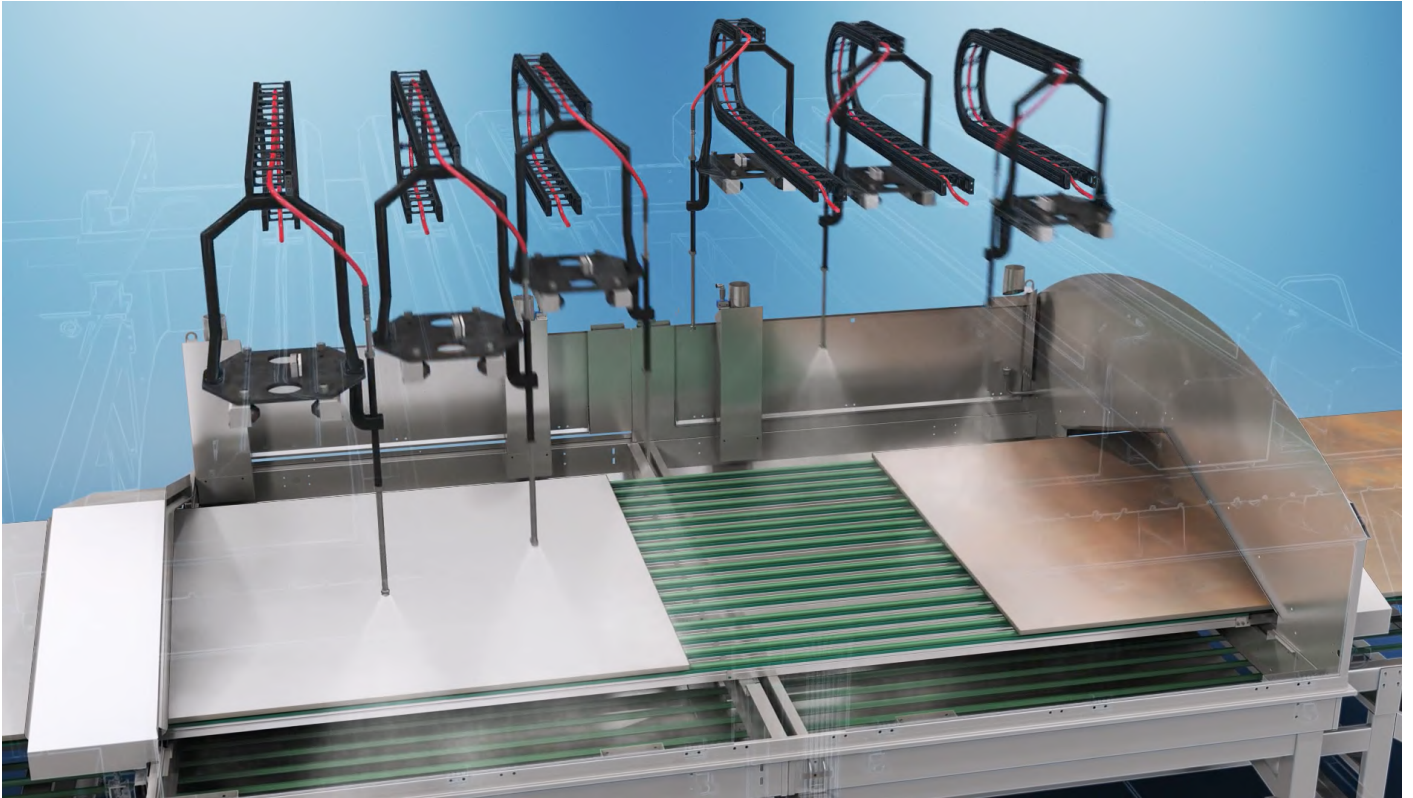
Production efficiency, zero application faults.



Increase in production yield.
Decrease in consumption and raw material.



Database analysis: **efficiency-production-consumption.**
4.0 CYBER PHYSICAL SYSTEM: SCADA control.



SCF Equipment VIDEO



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