



# REFRESH, UPGRADE, PERFORM

Tile production line improvements

## PARTICLE COUNTER FOR PRESS OIL

SACMI for a longer equipment lifetime

Counter for the constant monitoring of the oil cleaning through analysis on the concentration of particles. Solid contamination is in fact the main cause of malfunctioning and breakdown of the hydraulic system of the press.



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### YOUR ADVANTAGES

- The particle counter allows to keep the oil clean avoiding damages to the most delicate hydraulic components, thus ensuring a greater machine reliability
- Less machine stops for oil replacement, increased productivity and reduced passive costs



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## PARTICLE COUNTER FOR PRESS OIL

### Technical features

The particle counter allows the constant monitoring of the oil cleanliness degree. The functioning is based on the light absorption: a light beam illuminates the oil flow by a photoelectric sensor, if particles are present in the oil, they absorb the light and being the light intensity reaching the sensor inferior, the level of contamination can be in this way determined.

With the use of the data provided by the sensor, the control of the machine shows the contaminant time that is classified according to ISO standards and the operator is alerted if the level of contamination exceeds a potentially dangerous threshold.

