



TUNNEL KILNS

Firing Technology for Sanitaryware





ENERGY SAVING

- **TITANIUM® TECHNOLOGY**
- **Lowest Energy Consumption Kilns In The Market: -30%**
- **Reduced Pullutants Emissions CO, CO2 and NOx**



INNOVATION

- **Increased first-choice rate**
- **Perfect white balance control**
- **Quick re-firing**



USER FRIENDLY

- **Increased flexibility on product mix**
- **Higher temperature uniformity**
- **Higher production quality**
- **4.0 Industry - bt-TUTOR Ready**



FIRING TECHNOLOGY FOR SANITARYWARE



ENERGY SAVING

- **Lowest energy consumption Kilns in the market: -30%**
- **Reduced pollutants emissions co, co2 and nox**
- **TITANIUM® TECHNOLOGY.**

Hot fumes recycling to decrease energy consumption
Advanced **Hot Air Recovery System** from the cooling zones to the burners.

HTE Heat Exchanger System to maximize the thermal exchange efficiency and recover energy.





FIRING TECHNOLOGY FOR SANITARYWARE



INNOVATION

- **Increased first-choice rate.**

High precision control of the air flow inside the kiln, by means of a real-time feedback controlled depression drive unit and a high-efficiency **double purifying air filters**.

- **Perfect white balance control.**

Next-Gen Firing chamber Oxygen analyzer to optimize the operating condition.

- **Quick re-firing.**

Minimised thermal inertia thanks to the use of hi-tech materials such as cordierite/mullite, SiSiC and micro porous ceramic fiber.



WORD LONGEST TUNNEL KILN: 180 MT - VIETNAM



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- **Increased flexibility on product mix**
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- **Higher production quality**

Double regulation system (air & gas).

Last-Gen. Distributed multivariable control unit
for a high accuracy management of the firing curve.

Easy, clean and **quick installation** thanks to lightweight prefabricated walls modules with high thermal insulation.

4.0 Industry - bt-TUTOR Ready.



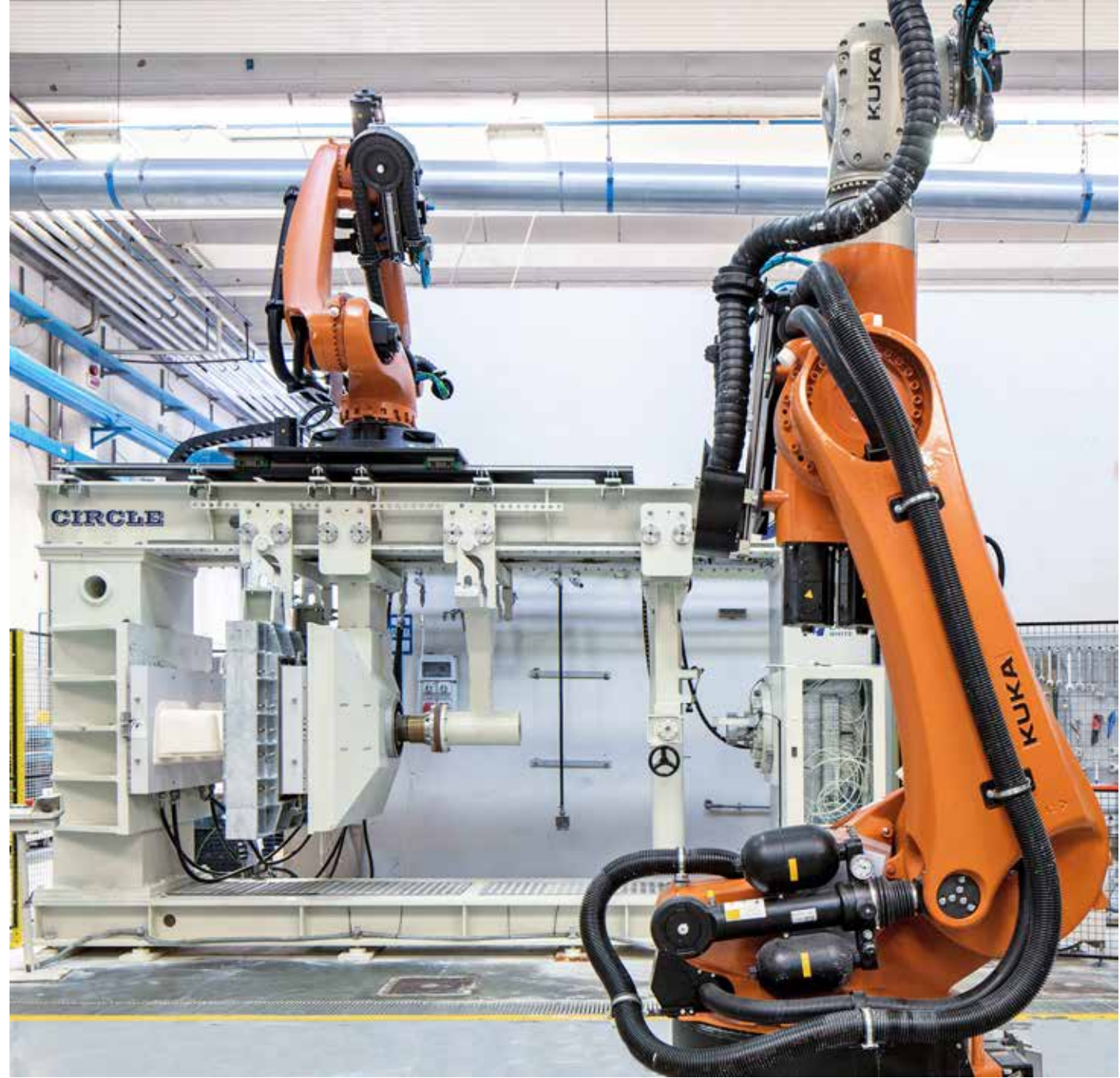
bt-TUTOR

- 4.0 Industry Plant Supervisor
- User friendly ERP interface
- Complete line data collection
- Diagnostic and costs tracking
- Predictive and preventive maintenance
- Cloud and mobile devices compatible



The B&T WHITE's team of experts and a fully equipped owner lab, provides their customers with high-level technology know-how and all the services related:

- **Raw material analysis.**
- **Definition of recipes.**
- **Industrial tests and product's samples production.**





COMPLETE LINE FOR TILES



FULL DIGITAL DECORATION



CREATIVITY AND DESIGN

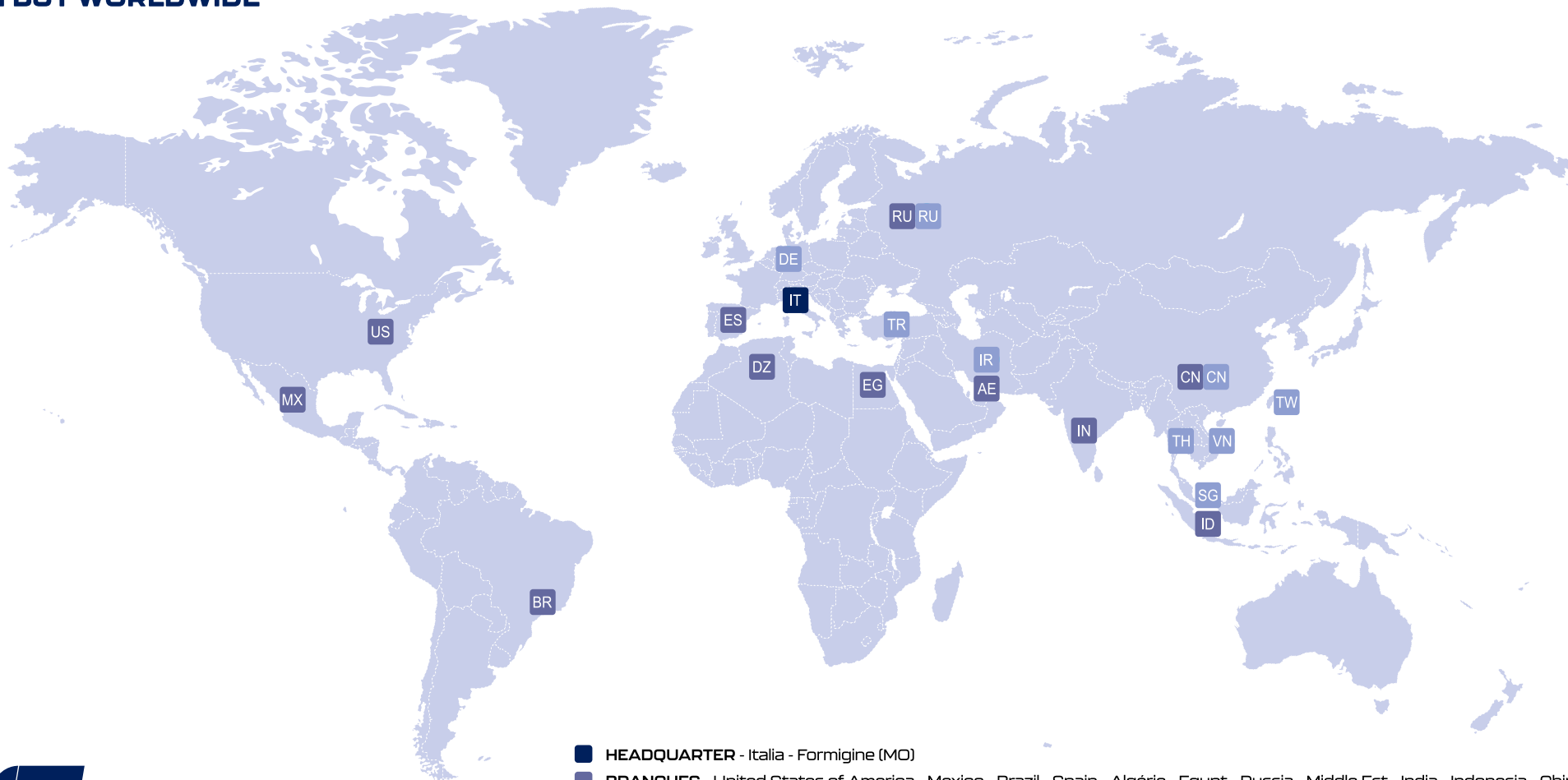


COMPLETE FINISHING PLANTS



CUTTING DISCS AND
SQUARING TOOLS





- **HEADQUARTER** - Italia - Formigine (MO)
- **BRANCHES** - United States of America - Mexico - Brazil - Spain - Algérie - Egypt - Russia - Middle Est - India - Indonesia - China
- **SALES AND TECHNICAL OFFICES** - Germany - Russia - Turkey - Iran - China - Thailand - Vietnam - Singapore - Taiwan



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