

INSIDE
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INSIDE

CERAMIC TILE INDUSTRY 5.0

INDUSTRIA CERAMICA 5.0

COMPANY OVERVIEW

Pioneering automation and robotics in critical industrial processes for over three decades

Polytec is an Italian company that has been developing **automation** systems and **robotics** for critical industrial processes for over 30 years.

The synergy between Polytec and the other companies of **BM Group**, an industrial group with over 350 direct employees, has enabled Polytec to establish itself as a leading international **integrator of systems** to pursue the digital and energy transition of industry.

Polytec intralogistics: specialised in the development of tailor-made intralogistics solutions.

Hydroalp: EPC contractor for green hydrogen production and hydropower plants.

Nyox: supplies industrial photovoltaic plants also through on-site and off-site PPA, thanks to its collaboration with Edison Next.

Pionieri nell'automazione e nella robotica dei processi industriali critici da oltre tre decenni

Polytec è un'azienda italiana che da oltre 30 anni sviluppa sistemi di **automazione** e **robotica** per processi industriali critici.

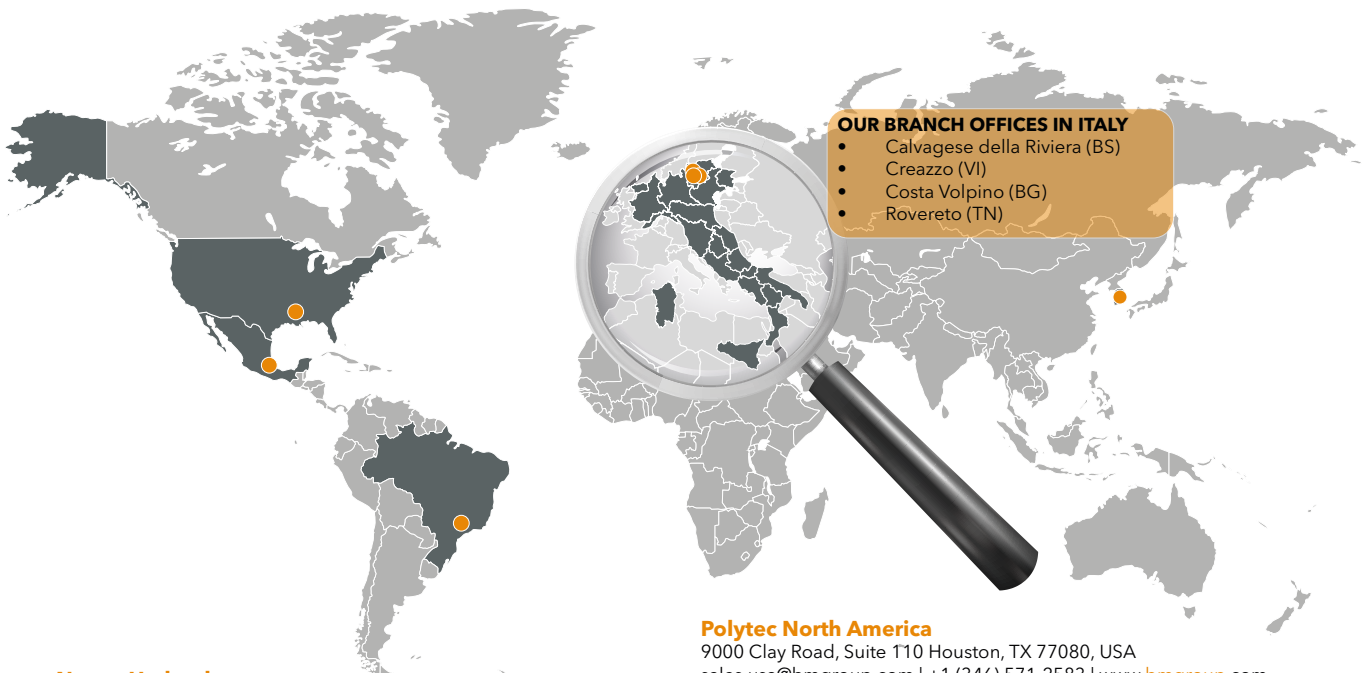
La sinergia tra Polytec e le altre aziende di **BM Group**, gruppo industriale con oltre 350 collaboratori diretti, le ha permesso di affermarsi come system integrator leader a livello internazionale per perseguire la transizione digitale ed energetica dell'industria.

Polytec intralogistics: specializzata nello sviluppo di soluzioni di intralogistica tailor-made.

Hydroalp: EPC contractor per impianti di produzione di idrogeno verde e idroelettrici.

Nyox: realizza impianti fotovoltaici industriali anche attraverso la formula di PPA on-site e off-site, grazie alla collaborazione con Edison Next.

BRANCH OFFICES



Polytec - Nyox - Hydroalp

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OUR BRANCH OFFICES IN ITALY

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- Creazzo (VI)
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PHOTOVOLTAIC SYSTEMS

- Engineering, procurement, and construction
- Power purchase agreement on-site
- Power purchase agreement off-site

NXOX

edison next | polytec

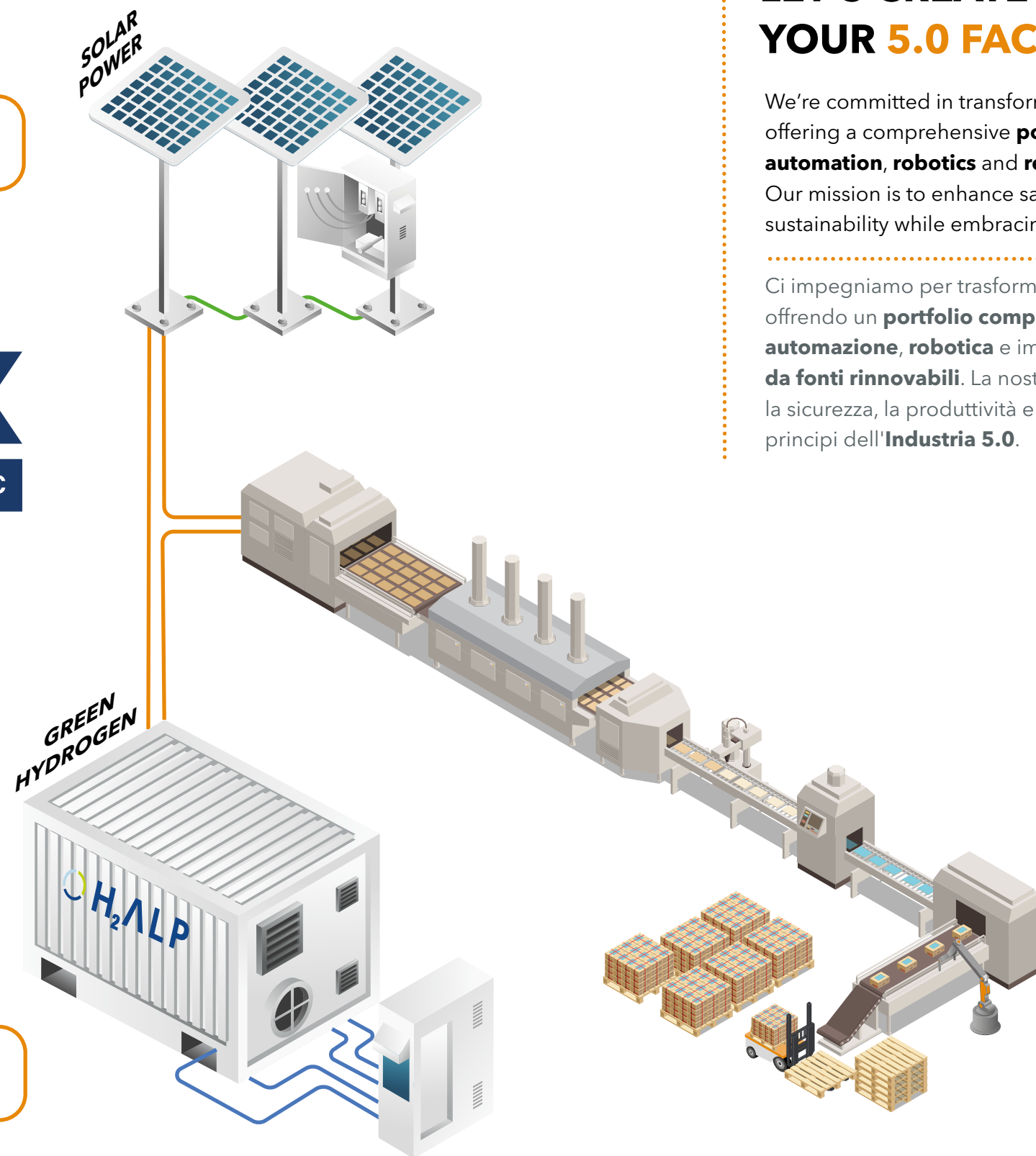
PIANO TRANSIZIONE 5.0



GREEN HYDROGEN

- Turnkey plants
- Plug & play solutions - **H2ALP**
- Plant auxiliary systems

HYDROALP



LET'S CREATE TOGETHER YOUR 5.0 FACTORY

We're committed in transforming the industrial landscape by offering a comprehensive **portfolio of solutions** that integrate **automation, robotics** and **renewable energy** power plants. Our mission is to enhance safety, productivity and sustainability while embracing the principles of **Industry 5.0**.

Ci impegniamo per trasformare il panorama industriale offrendo un **portfolio completo di soluzioni** che integrano **automazione, robotica** e impianti di produzione di **energia da fonti rinnovabili**. La nostra mission è quella di migliorare la sicurezza, la produttività e la sostenibilità, abbracciando i principi dell'**Industria 5.0**.



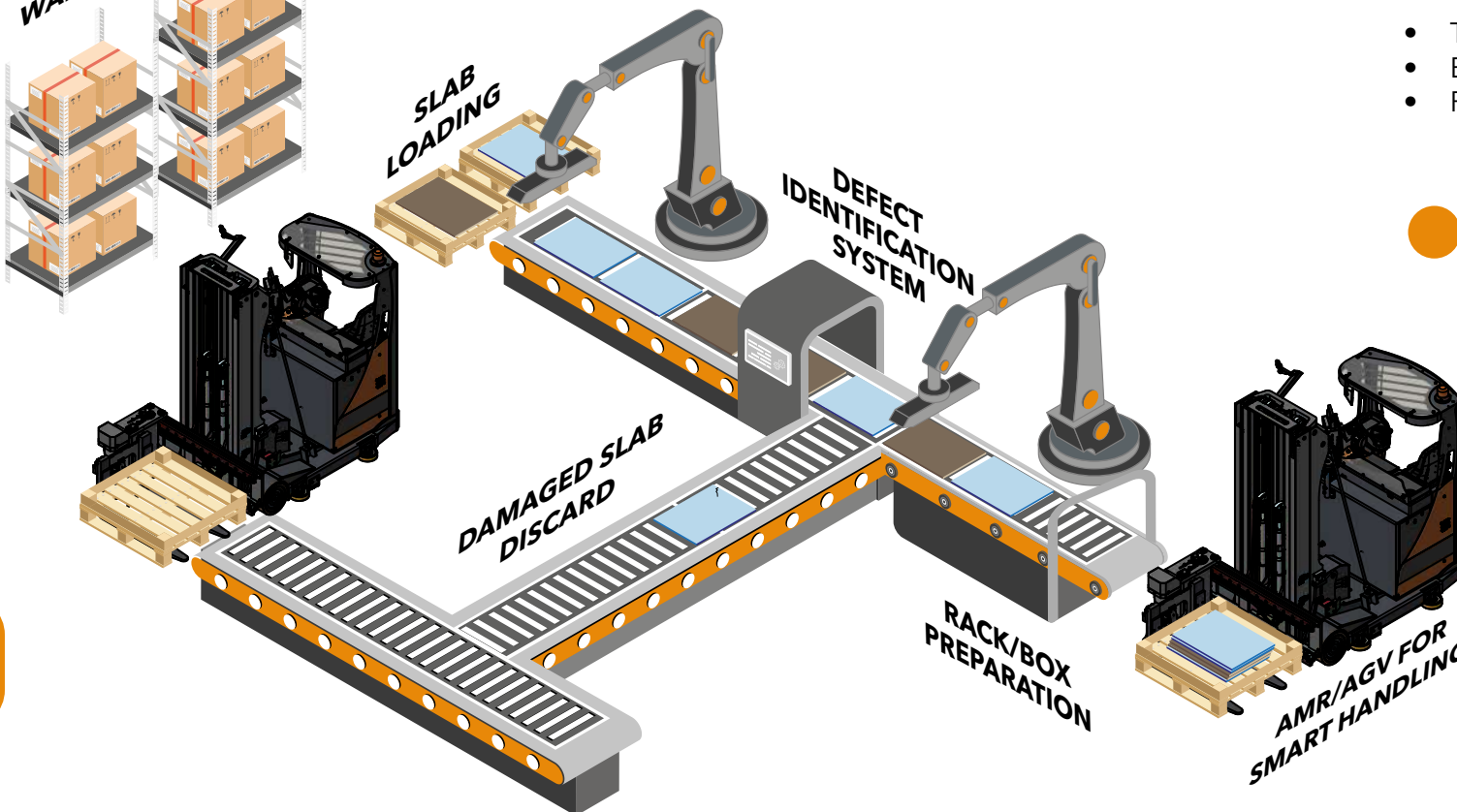
Explore Polytec's solutions
for the ceramic tile industry 5.0

**AUTOMATIC
WAREHOUSE**

SLABS

AUTOMATION AND ROBOTICS

- Tailor-made robotic solutions
- Electrical and automation systems
- Retrofitting and revamping



SMART WAREHOUSE MANAGEMENT

SLABS

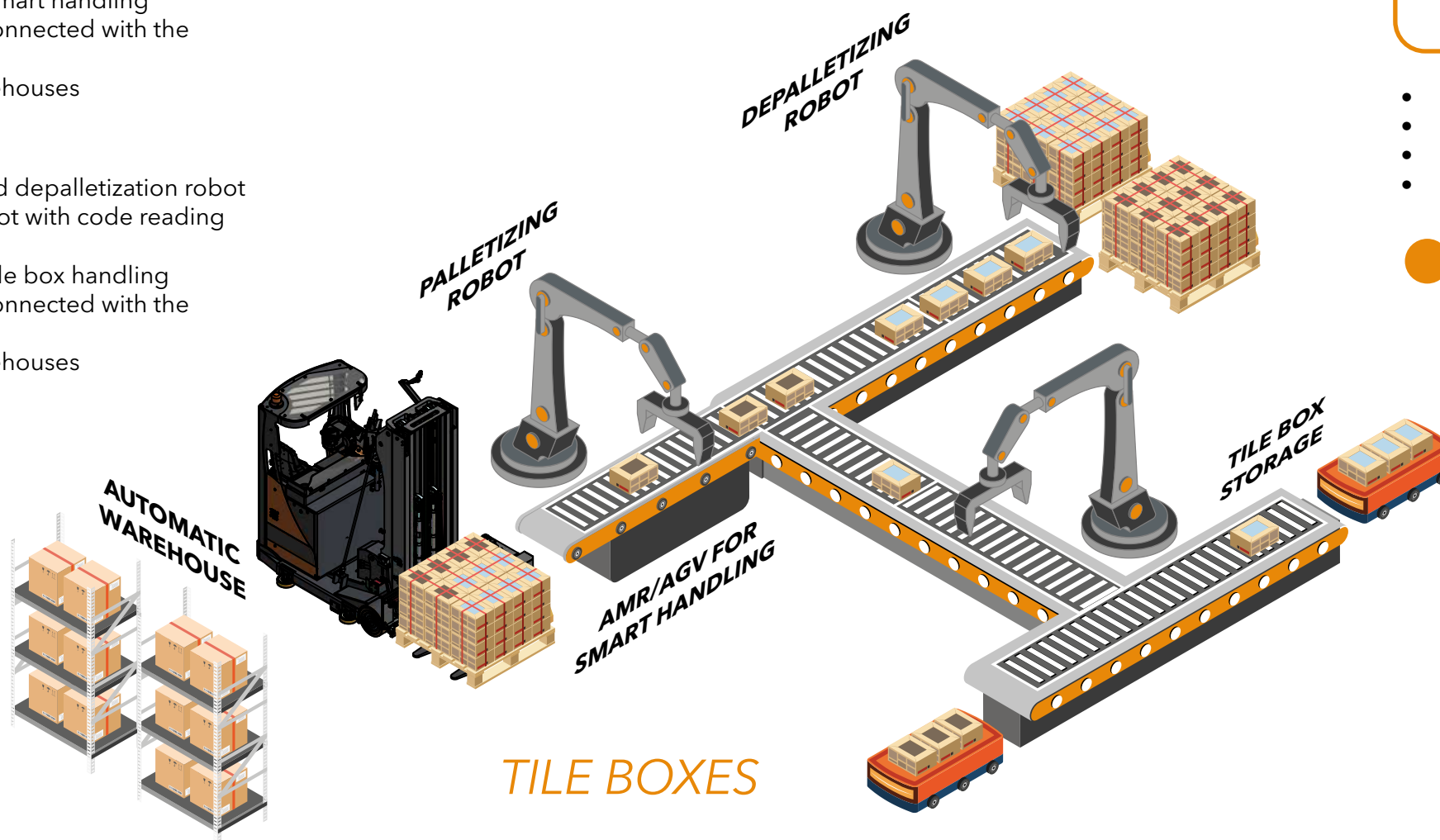
- Slab handling robot
- Defect identification system
- AMR/AGV for smart handling
- Platform interconnected with the customer's ERP
- Automatic warehouses

TILE BOXES

- Palletization and depalletization robot
- Bin picking robot with code reading system
- AMR/AGV for tile box handling
- Platform interconnected with the customer's ERP
- Automatic warehouses

INTRALOGISTICS SOLUTIONS

- AGV/AMR platforms
- AGV forklifts
- Navigation systems
- Customized intralogistics solutions



TILE BOXES

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