COATING TECHNOLOGY

TOP QUALITY SURFACE PROTECTION AT A GLANCE

LIFETIME EXCELLENCE

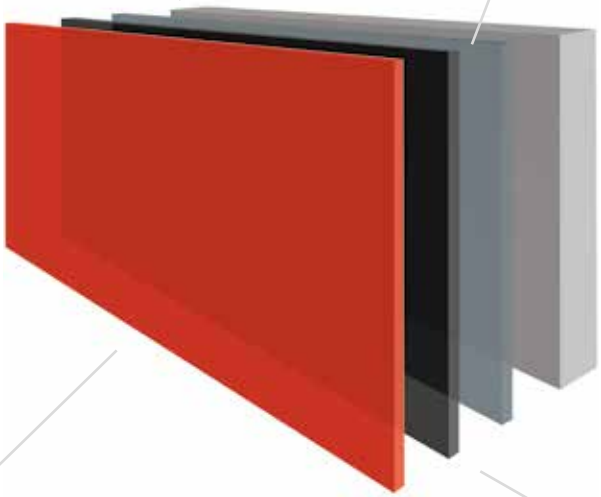
WELL THOUGHT OUT
THE KTL-PROCESS

Thorough
pretreatment

A properly prepared surface is essential for a high-quality coating. Sand-blasting and degreasing ensure the best possible finish.

Complex
Tri-cationic phosphating

In the automotive industry too, tri-cationic phosphating (zinc, nickel and manganese) is the process typically employed to achieve the very highest standard and offers the best “substrate” for paints and a high level of corrosion resistance.



Eco-friendly
top coat

Latest-generation eco-friendly, solvent-free acrylic–water top coat and powder coating with a high degree of surface hardness ensure maximum weather resistance.

Protective
Cathodic dip painting

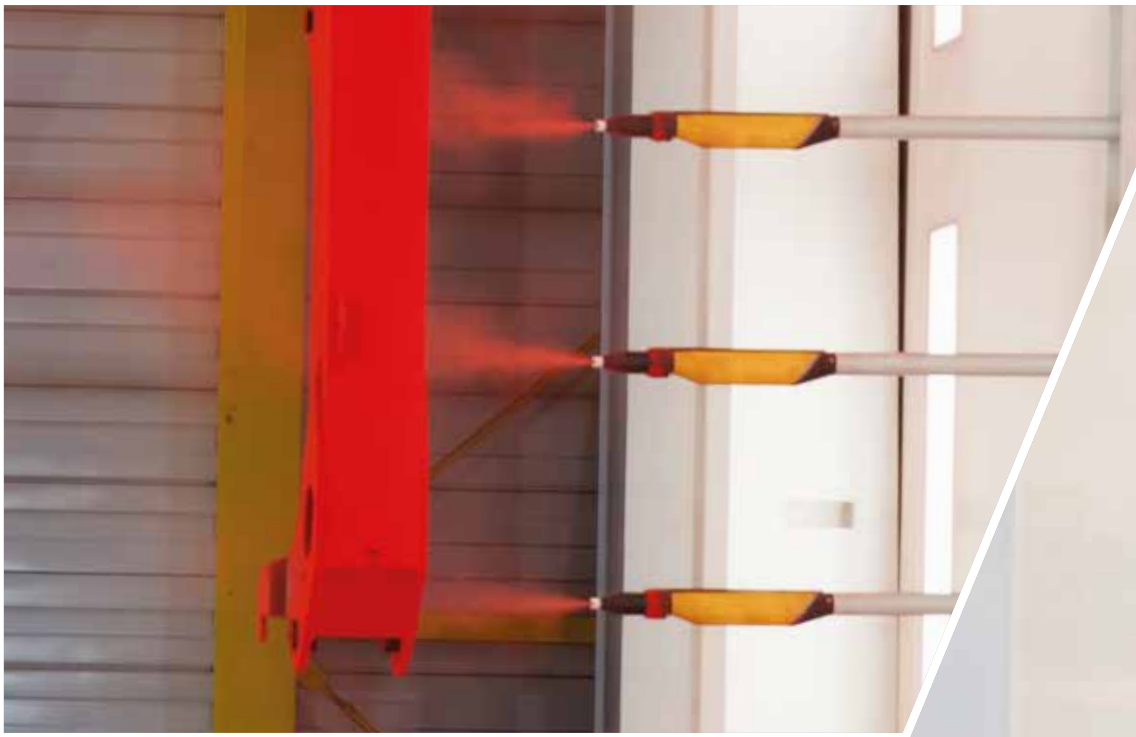
Unique KTL process with years of experience and environment-friendly energy consumption, thanks to the exclusive low temperature process.

1.) Sand blasted component prepared for the dipping process

2.) Thorough pretreatment, including high-quality zinc phosphating

3.) Main boom with KTL coating

HIGHEST QUALITY STANDARD THANKS TO POWDER COATING OR TWO COMPONENT FINISH COAT PAINT

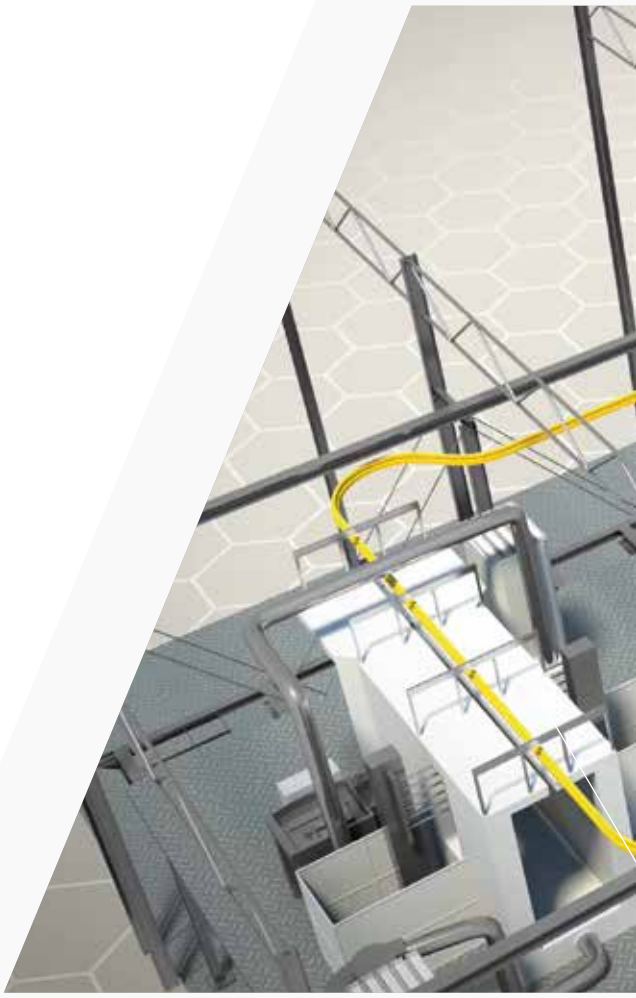


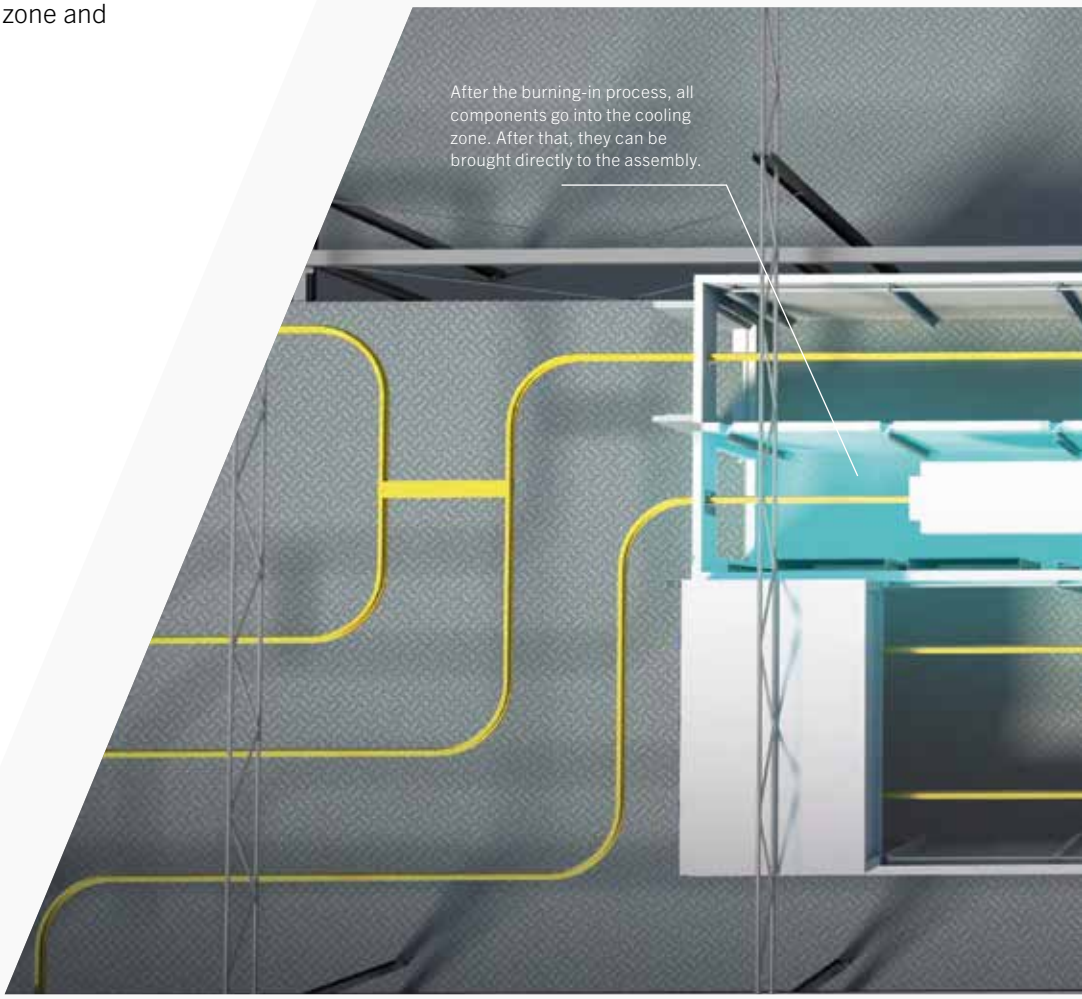
4a.) Top coat with water-soluble and environmentally friendly two component paint

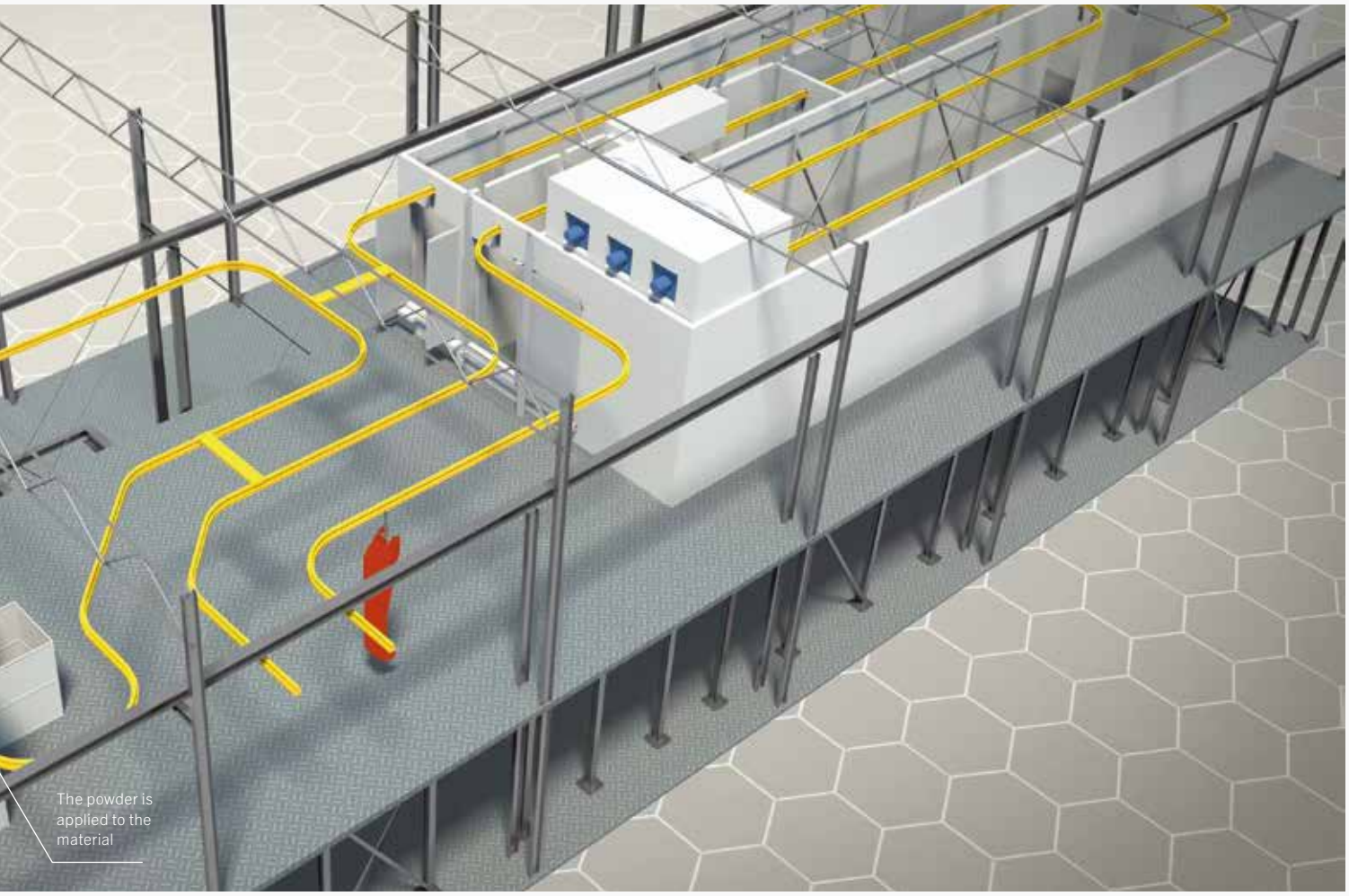
4b.) Powder coating

STRONG ARGUMENTS

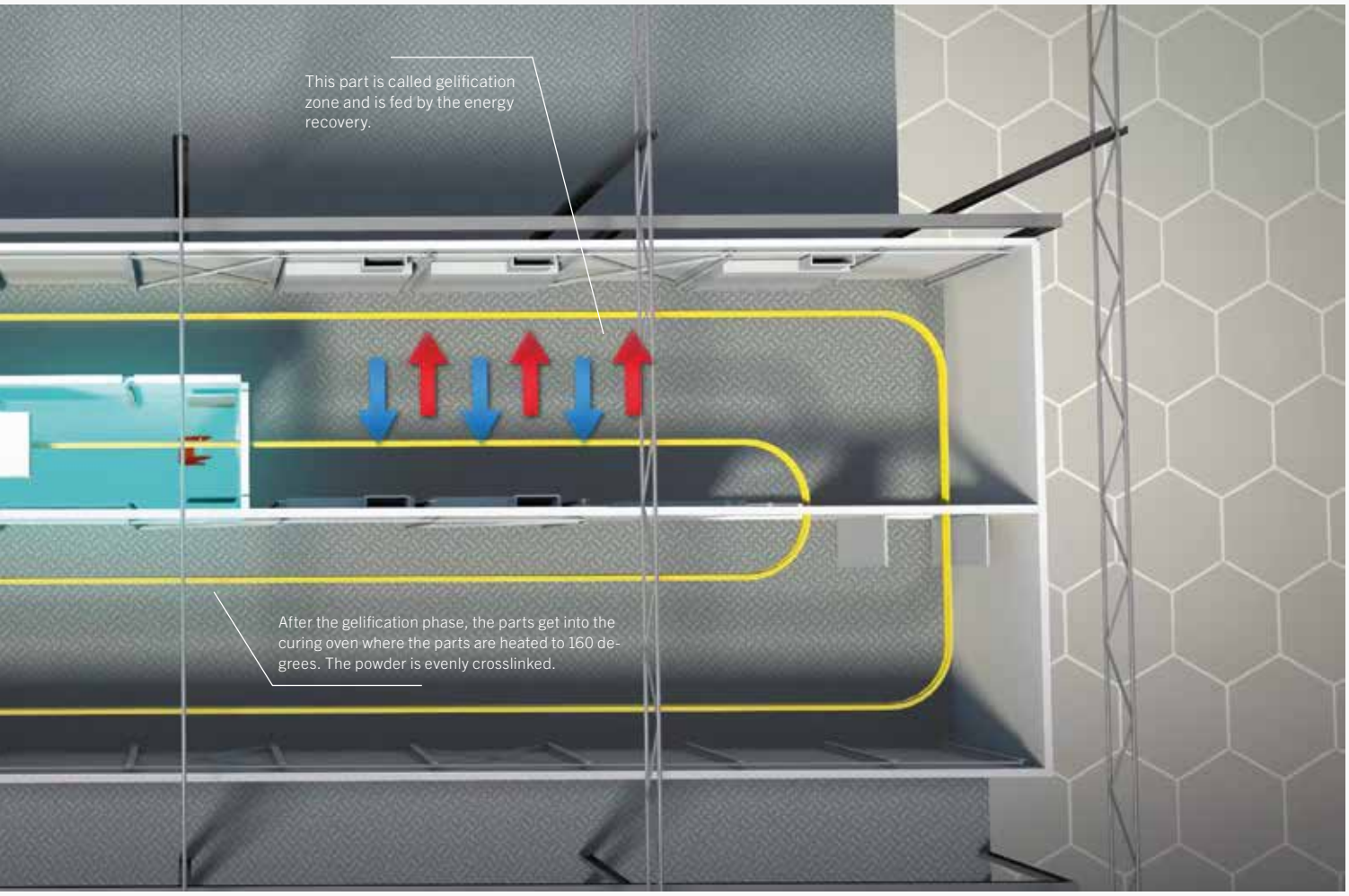
- **Design and look**
  - Premium optics
  - The coating is elastic, abrasion-resistant and UV resistant
  - High impact and temperature resistance
  - High deformability without chipping
- **High value retention**
  - Long-life surface protection
  - Excellent corrosion protection of all components
  - Perfect cavity protection
  - High mechanical durability
- **Increased resale value**
  - Cranes with KTL coating retain a higher resale value
- **Enviromental friendliness**
  - Use of environmentally friendly paint
  - High application efficiency with powder coating
  - Energy recovery between burning zone and gelification zone







Powder coating site



Energy recovery in the powder coating site

KP-KTLM2+EN

Cranes shown in the leaflet are partially optional equipped and do not always correspond to the standard version. Country-specific regulations must be observed. Dimensions may vary. Subject to technical changes, errors and translation mistakes.

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