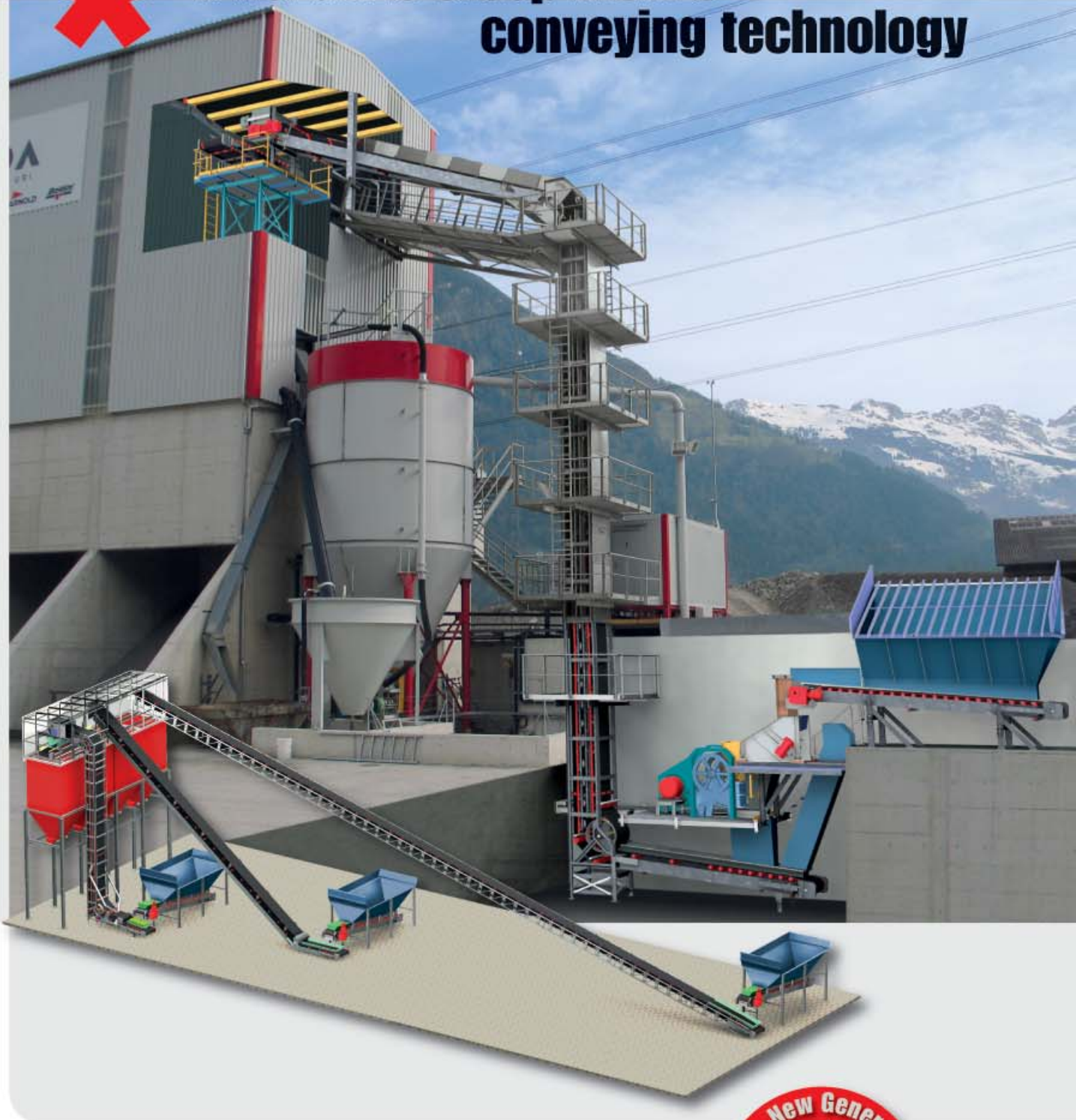




# Innovative steep incline conveying technology



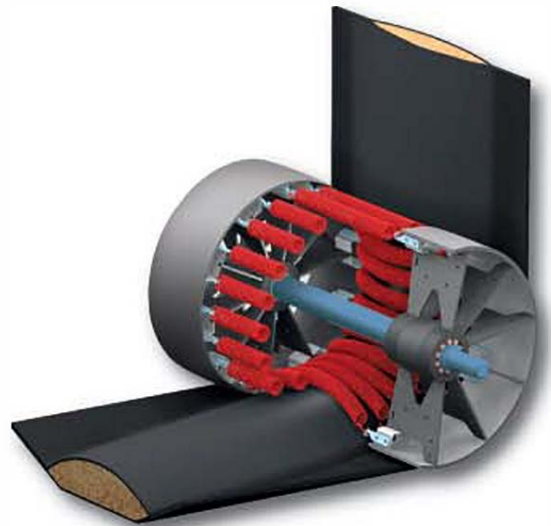
**VHV** \*  
**Anlagenbau**





# VHV steep incline conveyor know how

- \* **Clean,**  
due to scraper on smooth belts
- \* **Purified,**  
as hardly any material residues remain
- \* **Space-saving,**  
as there are no additional delivery areas, excavations and roof structures required
- \* **Continuous operation,**  
as no surge evacuation occurs such as buckets or bags
- \* **Minimal-wearing,**  
as the conveyed material is fed onto the conveyor, not scooped up



- \* The conveyed material is positioned towards the middle of the drum at the **VHV flexi-drum®**, and cannot spill outwards.

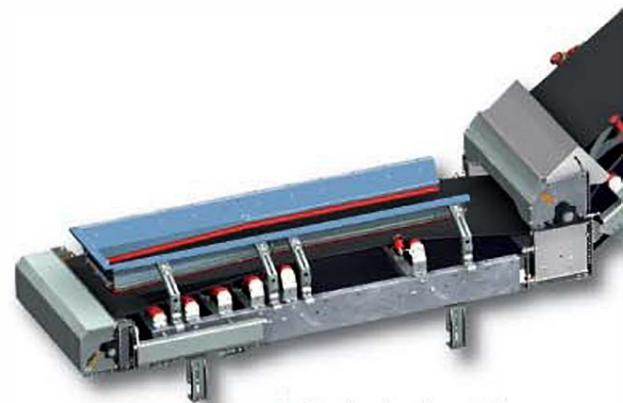


\* Modular stairs are one of many features

\* No contamination when filling into multiple compartment silo



\* Material hopper located at deflection station with adjustable angle

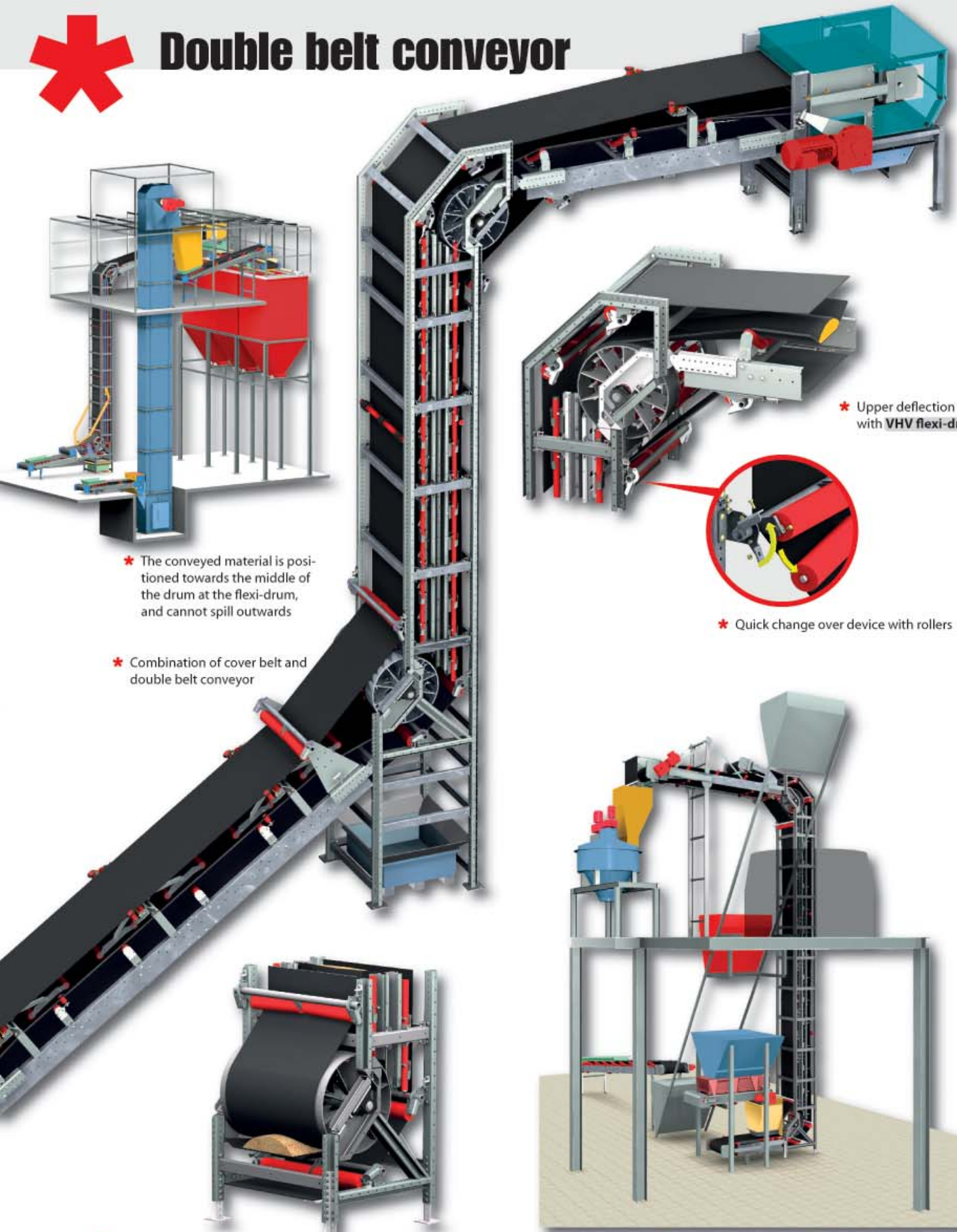


\* Standard loading station





# Double belt conveyor



\* The conveyed material is positioned towards the middle of the drum at the flexi-drum, and cannot spill outwards

\* Combination of cover belt and double belt conveyor

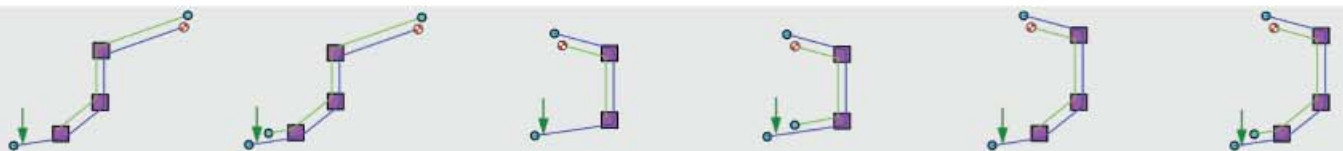
\* Upper deflection station with VHV flexi-drum®



\* Quick change over device with rollers

\* Lower deflection station, here with visible material hopper.

\* C-shaped double belt conveyor





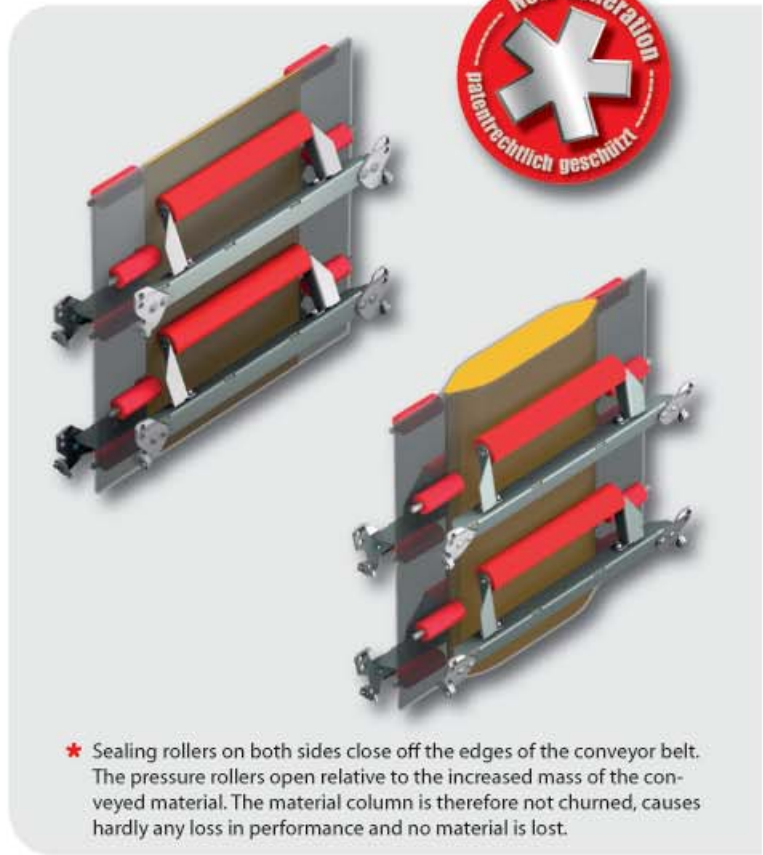
# Innovative detail solution



\* Optional spillage return



\* Sealing system with breakage protection



\* Sealing rollers on both sides close off the edges of the conveyor belt. The pressure rollers open relative to the increased mass of the conveyed material. The material column is therefore not churned, causes hardly any loss in performance and no material is lost.



\* Pressure rollers hold the material column, even when the system is at a standstill.



\* When using the **spring pressure system**, each pressure roller is pre-stressed individually.

\* When using the **pneumatic pressure system**, all pressure rollers are preset to an optimized pressure value with one single gauge.





# Cover belt conveyor

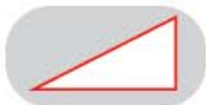
\* Pneumatic clamping system ensures material transport in steep incline.



\* The vertical return allows for a reverse of conveyor direction without the need to transfer the material.



\* Carrier and cover belt conveyor drives with front segment and torsion scraper



\* 30 - 40° depending on material



\* Flat loading area, steep incline





## Innovative steep incline conveying technology



\* Cover belt conveyor between polygonal sieve and silo



\* The VHV product line also consists of conveyors with corrugated sidewalls and cleated belts as well as bucket elevators.



\* Purified silo feed with truck receiving, double belt conveyor, reversible shuttle conveyor, dosing hopper and weighing belt.



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