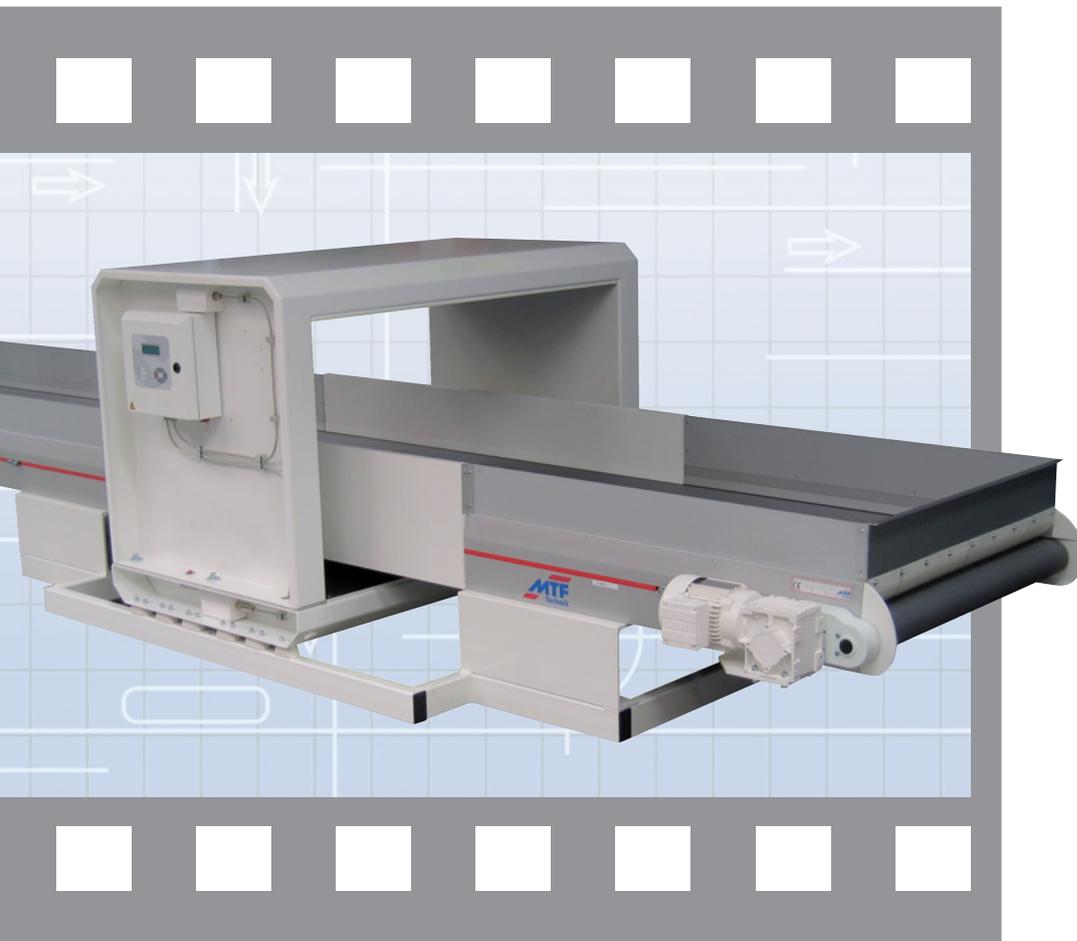
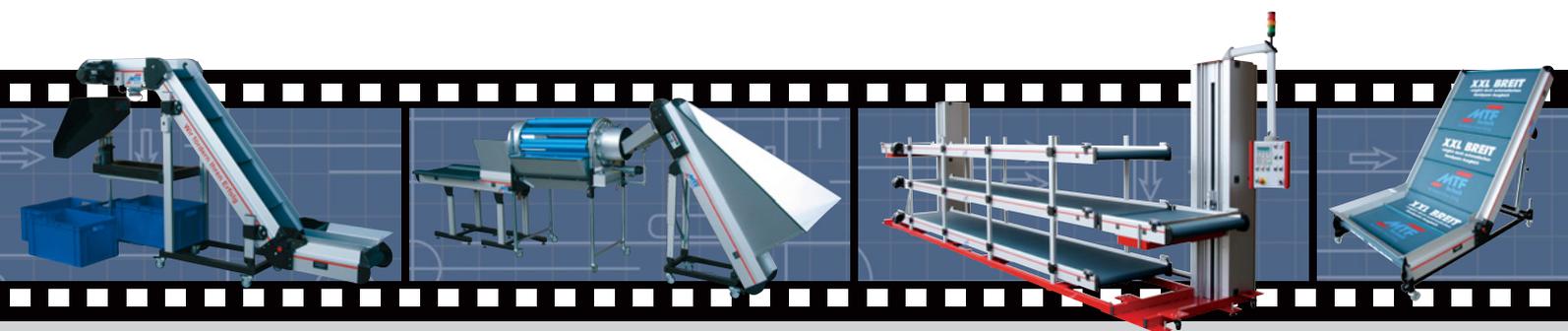


FROM THE MTF CONVEYOR PROGRAMME: RELIABLE METAL DETECTION IN CONVEYING



TUNNEL DETECTOR





The **MTF Multi-Tech Conveyor Belts** can optionally be equipped with different **metal detection facilities**. Depending on the application and the desired sensitivity, a **one- or two-layered surface detector** or a **tunnel detector** is available.

When metal is detected in the material during the conveying process, the detector releases an electrical pulse which can be analysed by different controls.

These conveyors with metal detectors are predominantly used in the plastics industry as feeding conveyors for granulate mills and in the food industry.

Benefits

- Reliable detection of metal in the conveying goods across the whole useable width of the conveyor belt
- The surface detectors can be perfectly integrated into the conveyor body
- Perfect adaptation of the conveyor design to all requirements of a reliable metal separation (isolation of rolls, adherence to metal-free zones, use of approved belt covers, adaptation of the conveying speed etc.) in collaboration with the detector producers
- Detectors of various manufacturers applicable
- Selection of detectors based on customer-specific requirements
- Realisation of customer-specific controlling processes (warning signals, reverse movement of the conveyor, discharge of the contaminated material via switches etc.)



Surface metal detector with metal-free zone

